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THE AMERICAN FLORIST

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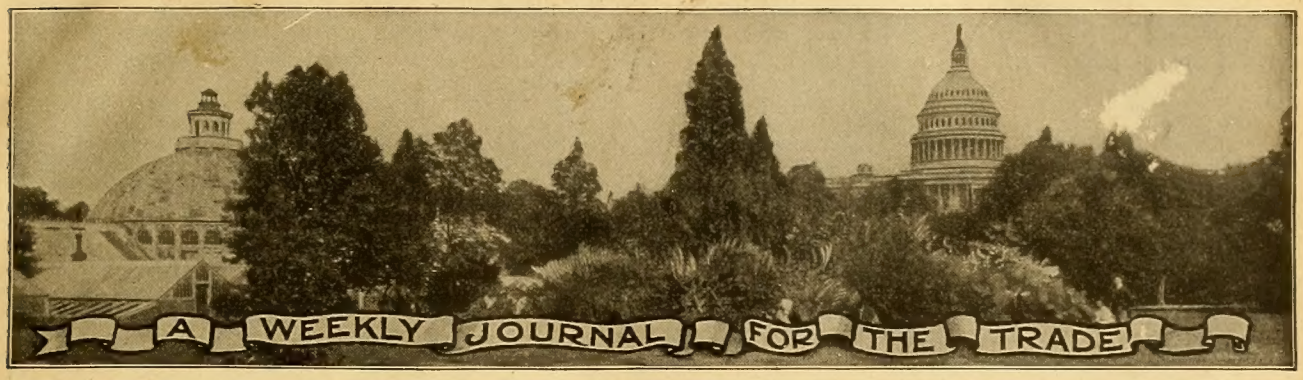

America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

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THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACKORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at Buffalo, N. Y., January 27-28, 1915. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Annual convention and exhibition, Boston, Mass, March 18-21, 1915. WALLACE R. PIERSON, Cromwell, Conn., President; ROBT. PYLE, West Grove, Pa., Vice-President, BENJAMIN HAMMOND, Fishkill-on-Hudson, N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I., July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 342 W. Fourteenth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November, 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

SUGGESTIONS FOR PLANT GROWERS.

Sweet Peas.

A bed or bench of sweet peas sown at this time will produce a nice crop of flowers in spring when the winter blooming plants are nearly through flowering and the blooms beginning to grow small and before any outside can be had. The newer Spencers make splendid varieties to plant at this time, and while they will not bloom as early as the winter blooming varieties, yet will flower before the warm summer weather, and the beautifully formed flowers make a welcome change. Select a bench with plenty of head room, for these easily grow to a height of six or eight feet under favorable conditions. The seed can be sown six inches apart in rows, with about three feet between rows, and lightly covered. It is just as well to sow two or three seeds together and when they begin to grow thin out to one plant. The beds must be watered sparingly until the plants are large enough to twine on the supports, for they damp off easily even when five or six inches high if overwatered. As soon as the tendrils on the vines appear provide some support for them to twine upon and keep the plants growing erect throughout their culture or crooked stems and worthless flowers will be the result. A cool house is far better for these plants than one having a warm temperature. Aphis are often troublesome in growing sweet peas and a spray is far better with these plants than fumigation.

Chrysanthemum Stock.

This is the time to look over the chrysanthemum stock to see how the cuttings are breaking. There may be some varieties that are not throwing as many cuttings as they should or some that are not in good health and there are yet some growers that have stock plants for sale, so where from either cause it looks as if the supply might not be sufficient, new stock should be purchased at once. Where the stock plants are in good health but there are not enough to furnish the requisite number of cuttings, the early cuttings may be taken and rooted and these grown in flats until it is time to propagate the plants for blooming, and cuttings made from these. There are also some varieties of which good cuttings can be procured at this time, but after the first growths are removed, do not break satisfactorily. These should surely be taken now and grown on in flats, notable as one of this class is Miss Virginia Poehlmann, and some varieties, such as President Roosevelt, are short-jointed and slow in their growth, so early cuttings are preferred. It is a good time now to look the stock over and be sure of good plants and enough of them for another season.

Stocks.

The demand for flowers at Memorial day is in many cases for bunches or sprays to lay upon the graves of the departed relatives and friends, and as much show as can be made is often the object, therefore, the grower must have a quantity of what are called the cheaper flowers, and stocks are one of the best at this time, for they are large and prominent, make up well in bouquets or sprays, and are quickly and easily grown. The seed should be sown by February 1 to be sure to have them in flower by the end of May. The seed germinates quickly and as soon as large enough should be potted. Many grow them in flats but to have them early pot culture is better, for they do not receive such a severe shock when transplanted in the benches. The planting in the benches should be done in the month of March and the plants can be grown in two ways, to the single spike which will produce a much larger, handsome bloom, or to eight or ten lateral spikes. The former method allows of planting from three to four inches apart, while in the latter the plants should be set eight to nine inches each way. Growing the latter way, that is to eight or ten spikes, is the culture most often practiced, and in order to cause the plant to branch, as soon as the terminal flower forms it is rubbed out, and the laterals will grow at once. To

have these laterals in bloom for Memorial day the terminal bud should show by the last of April, which will allow about four weeks for the growth of the laterals and the finishing of the bloom. Constant fumigation will be necessary to keep the plants clean of aphis, which very rapidly accumulate on the succulent growth unless kept in check.

Hydrangeas.

The plants of hydrangeas that are to be in bloom for Easter should be started at once, for it is much better to grow them along slowly than to wait and bring them in later and force them much harder. This will give the plants more natural conditions and they will finish with shorter-jointed growths, being not nearly so tall, and well furnished with large heavy foliage completely covering the stems. The plants started at this time should be first placed in a greenhouse having a night temperature of 40 to 45 degrees and if the buds and stems look very dry, frequent syringings of the branches will quickly make the buds fill up. After the first leaves are fully formed the plants can be moved in a warmer house and they should come along nicely for Easter—a house with carnation temperature should bring them in bloom by that time, but if the buds are not well set early in March a still warmer temperature will be required. If grown in a warm temperature keep a sharp lookout for red spiders, which gather on the blooms and quickly ruin them.

Hybrid Roses.

Well grown plants of Hybrid Perpetual roses are always good property at Easter and they are very easily brought into bloom when the date of that festival is in April. Pot grown stock is surer of the best results, but dormant stock of many varieties will produce nice plants if properly handled. The plants should be cut back to two eyes on each growth and started in a cool house, one with a night temperature of 40 to 45 degrees being preferred, from the first to the twentieth of January. Frequent syringings will swell the wood and cause the breaks to open evenly. When the buds form the plants should be watered with liquid manure at least once a week. They will probably not have to be carried to a warmer house, but if it is found they are not going to be in bloom in time a little warmer temperature will hurry them along. There are a few varieties that make fine pot plants, those most generally known being Magna Charta, Mme. Gabriel Luizet and Frau Karl Druschki.

Sweet Pea Buds Blasting.

ED. AMERICAN FLORIST:

Can you advise the cause of blasting of sweet pea buds? The plants are kept on the end of a carnation house where the door opens upon them. I use cow manure for fertilizer and fumigate with tobacco stems. The plants are kept on the wet side of the house. The vines are vigorous and eight feet high at present.

G.

Pennsylvania.

The most likely cause for the blasting of the buds on sweet peas is too low a temperature, a night temperature of 48 to 50° being required after the plants are in bud. Before that period a night temperature of 45° is sufficient. Too much feeding, especially in dull weather, may also cause this trouble.

W. H. T.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Knights of Columbus Emblem.

SEE SUPPLEMENT WITH THIS ISSUE.

The florist is frequently called on to copy in flowers the badges or emblems of various societies, generally for the funeral of a departed member. A number of these designs are quite intricate and difficult to carry out, as some of the figures and parts are quite small and very few flowers are suitable for the purpose.

The accompanying illustration shows an emblem that has not been any too well carried out. To be effective, the shield should have been a different color from the Maltese cross on which it rests. The outline of all such pieces should be as clearly defined as possible. Careful mossing is a great help, the moss being packed fairly firm, then carefully clipped and rounded with the shears. Chenille is a great help, as many parts such as the insignia in the center in this design, can be carried out in almost any color by wrapping with this pliable material. When nicely arranged such a design is of special interest, particularly to a member of the order. The value of this piece is enhanced by its base, a large plateau of green, used as a support for the easel on which it rests.

K.

Standard Side Lines for the Retailer.

Go into any well appointed store in the center of any of our large cities and in nearly every instance you will see a good stock, full and plenty of everything in their lines. The modern drug store is an example of up-to-date storekeeping. In nearly all such establishments there has been added of late years what is called a gift stock; all kinds of stationery, bric-a-brac, cut glass and leather goods, and a host of other articles. All are displayed in a very attractive manner, the plan of the counters or display tables being the work of men skilled in the fitting up of modern stores. Special store decorators arrange the goods, which are not as a rule disturbed, those sold being delivered from the stock rooms, or immediately replenished from there.

ADDING TO THE REVENUES.

There is no reason why the up-to-date retail florist store should not add to its revenue in addition to that obtained from the sale of plants and flowers, by adding a full line of jardinieres, pedestals, window boxes and outdoor garden vases. It is not necessary, if room is limited, to carry a large stock; only enough samples to show the articles and the illustrated catalogue for the complete stock. Quite a number of florists and seedsmen handle cement and terra-cotta vases in this way and find the business very satisfactory, they being able to make quite large sales from these lists. These catalogues are priced for retail trade, with a good commission off for the dealer. Cut flower vases are also good stock, but they must be bought with care and taste in selection as to their utility and beauty. Cut glass vases are always in more or less demand. All kinds of flower holders, English, Japanese and imitations, and shallow bowls for the water are good stock.

BASKETS IN VARIETY.

A full line of baskets in all the newer shades of coloring are essential; nothing cheap or trashy, as such stock so soon becomes shoddy. Here again it is not quantity that is wanted, so much as variety and merit in each piece, and all must be kept up to a state of newness in appearance. Dusty, faded or damaged pieces must be put out of sight at the first symptoms of distress.

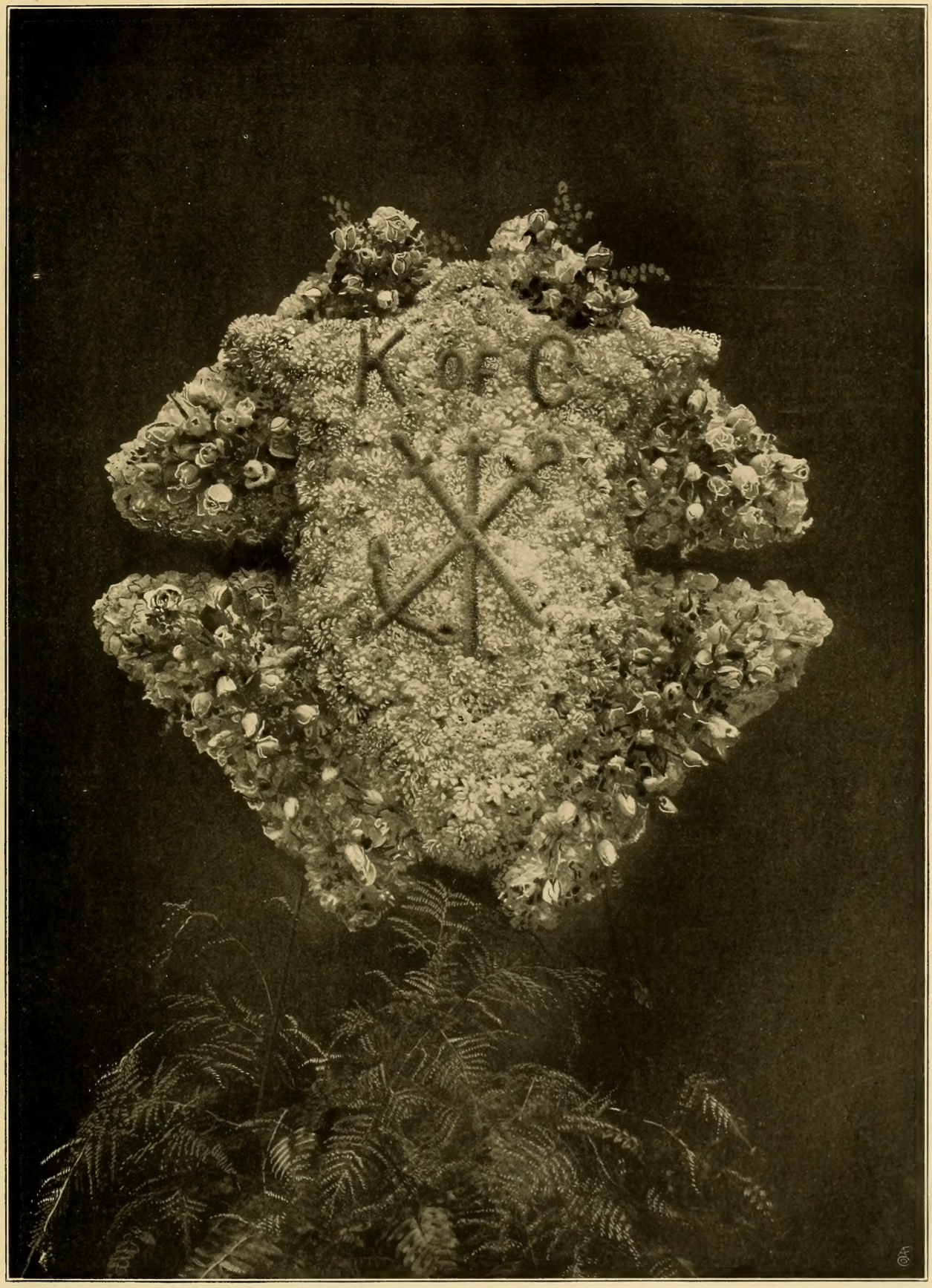
Wicker pot covers are useful articles, as there is always a demand for a covering for the plant that is sold. They are now seen in great variety of coloring, duotone and self colors, antique effects, gold and silver, and other shades that are good sellers.

FERNERIES.

Fern dishes are much used, but come to the florist mainly from jewelry

CHRISTMAS BEGONIA GLOIRE DE LORRAINE.

Grown by Bayhouse Floral Co., Boise, Idaho.



EMBLEM OF THE KNIGHTS OF COLUMBUS.

DEC 30 1919

shops, department stores or gift stocks in the drug stores. The public should be able to find these popular table pieces at their florist's in assortment. It is in his line and would be found profitable if carried in sufficient quantity.

DISPLAY.

The proper displaying of these accessories is very essential. Study the methods of the department and gift stores; ideas from men trained in the business of displaying goods in an attractive manner are worth imitating. Do not have more goods than can be well shown in the space at one's disposal, as each article should have a chance to be seen. All should be priced, as customers often wait on themselves, determining by the price to purchase or not, as the case may be. In these days of competition, when one man's bright wits is arrayed against another, one cannot sit down and wait for business to come. One must do things to attract it. A well stocked, attractive store in any line it is always a pleasure to visit, even if there is no thought of purchasing, even if nothing is wanted at the time, a favorable impression is made which induces a second visit and most likely a purchase.

PERSONALITY IN SALESPEOPLE.

Much of the successful handling of this stock depends on the salespeople. Every person who comes to select flowers is a possible customer for these accessories, calling attention to this or that recent introduction or the many selling points of any of the goods displayed will often make a sale, when otherwise the caller would have passed them by with but a glance.

Successful merchandising in flowers means that one must be everlastingly at it, or see that in all the departments competent people are always on the job. To be on edge all the time burns up the energy, but there is no other way to success. There is plenty of compensation in the satisfaction of work well done, the expressed commendations of the customers going a great way to lighten the burden.

K.

Scale on Araucarias.

ED. AMERICAN FLORIST:

There is some scale on my araucarias and I wish you would kindly give instructions as to how the plants should be treated to rid them of the scale.

Indiana. C. S.

Scale seldom troubles araucarias, the most common pests that attack these plants being thrips and red spider, both of which may be kept down by vigorous syringing. But the plant in question may have been near some scale-infested plant and thus been attacked by the insects. Dipping in solution of tobacco soap would be a practical method of treatment, repeating the dip at intervals of a week or ten days, until the pests are gone. While giving this treatment it is best to protect the plant from strong sunshine.

COLUMBUS, O.—The following officers have been elected by the Ohio State Horticultural Society for the ensuing year: E. J. Riggs, Columbus, president; E. A. Flemming, Lowell, vice-president; F. H. Ballou, Newark, secretary; V. H. Davis, Columbus, treasurer; N. E. Shaw, Columbus, member-at-large on the execuitve committee.

CHRISTMAS CINERARIA.

Grown by Bayhouse Floral Co., Boise, Idaho.

THE CARNATION.

Propagating.

The most careful attention should now be given to the work of propagating, an estimate of next season's plantings should be figured out, and every available cutting put into the sand to meet the requirements. There is not any better time for propagating than right now; cuttings put into the sand at this time root quickly and will be ready for potting before we get very many bright warm days. There is also ample time for the young plants to be worked up into sturdy, well established stock for planting out in the field. This latter point is worthy of much consideration. The young plants that have had time to get established with several shoots branching out are far ahead of late propagated stock, an advantage they will hold during the entire season.

Now a word as to the selection of the cuttings, a matter of the greatest importance in producing high grade flowers. There is not another plant that the growers of this country have anything to do with, where it can be said with greater truth that "like begets like," than is the case with carnations. Do not take the cuttings from plants that show signs of disease or weakness of any description, or that are producing flowers that are streaky and not true to type. It is remarkable what a variety will do year in and year out without showing any sign of deterioration when a careful selection of the cuttings is taken, and again a selection of the plants when they are brought into the houses from the field, and is one of the reasons why the careful growers seem to have their plants always in the same perfect condition.

As soon as the cuttings are rooted they should be taken from the sand and potted or boxed, whichever is the method followed, but personally I much prefer growing the young stock in pots. The soil for the first potting must not be very rich, a live fresh loam with a little sand added is the most suitable for them; in such a compost they will grow short and sturdy, and not become drawn and long-jointed, as they will when the soil is over-rich. After potting, the young plants take on renewed strength and require a light place with plenty of air on every favorable occasion, together with a cool temperature at all times. Careful watering is essential for the best development of the young plant; the soil should be kept moist but not wet enough to be soggy, nor on the other hand be allowed to become dust dry.

The plants on the benches are now at the height of their growth, and from now on will need some additional nourishment to encourage continued growth and keep the quality of the flowers up to the high standard required. We do not believe in feeding very much until the cuttings are all taken off, which brings us to the time of the year when the older plants can stand it and are greatly benefited by it both as regards growth and bloom. The roots of the plants have so matted the soil that they are pushing out through the surface, which means they are stretching out for

more nourishment and the soil in the beds is becoming exhausted.

The application of manure to carnation plants at this season requires the greatest care, or the results will be just the opposite to what is aimed at. Extra heavy mulching will cause a soft growth, bringing with it weak stems and bursted calyxes, as well as flowers that will go to sleep quickly after being cut. We now have the different kinds of manure in the pulverized form so that it is not as big a job to mulch a bench of plants with manure in this shape as it is to use the manure in its rough state, and there is the advantage of being able to mulch lightly and repeat as often as the plants require it. Where the soil has become washed so that the roots show out on the surface a mulch of fresh soil should be put on to cover up these roots before putting on the manure. The condition of the soil in the beds should be the guide as to the right time for putting on the mulch so as to get the most benefit from it; if it is put on just before the soil gets to the dry state when it requires watering, then watered in, the plants will begin to feel the effect right away, but if the mulch is put on when the beds are wet, the roots of the plants are not as active and the growth becomes sluggish. Look well to the general routine of caring for the plants, such as watering, airing and keeping them clean of insects.

C. W. JOHNSON.

ROSE NOTES.

Grafting.

Whether the war will cause a delay in the shipment of the Manetti stocks from abroad it is hard to say, but from recent reports, the distributors on this side fully expect their regular consignments, and one can expect the stocks to arrive at any time now. To those that have not ordered their Manetti I should advise ordering at once and be sure to order at least 20 per cent more than is actually required as there will always be a loss to a certain extent in handling the stocks, in several ways; some of the stocks will have poor roots and if one gets 90 per cent in the strike of grafts, one is doing exceptionally well, especially the beginners.

Indoor rose grafting is comparatively a simple operation, but like many other things there are certain preparations that must be carefully looked after that tend to simplify the work from beginning to end. First, good fresh stocks should be procured, they should be potted up in a good rose compost of one part well rotted cow manure to three parts soil (good heavy fresh sod soil) and potted firmly into 2½ inch pots. The pots should be washed (if new pots are not to be used) as there is always a lot of fungus lurking around old pots that will quickly start to spread in a grafting case, and everything must be as cleanly handled as possible, pertaining to all the work of grafting.

The stocks after potting should be kept in a cool, shaded place, where the temperature will not go higher than 50°, or lower than 45°, and the tops should be sprayed every day, after first watering the plants thoroughly. Never let the soil become dry in the pots at any stage of the work. If the stocks are in good condition when received, they will be ready to work in about two weeks after potting. Remember, it isn't foliage you want to get, but the slightest root action and a plumping up of the top eyes usually indicate a start at the roots, if the temperature has been kept at the above figures.

In the meantime, while the stocks are coming along, the case to hold the grafts can be made ready. We won't go into too many details, any more than to state that the case should be a boxed-up affair, covered with sash, about a foot to 15 inches head room, made as air tight as possible with sufficient bottom heat to bring the temperature of the case up to 75° in the coldest weather. The case should be shaded by a north wall or partition, so that artificial shading will not have to be resorted to; if this isn't possible, the sash must be shaded by hanging thin cotton cloth above it

Edward Sceery, Paterson, N. J.
President Paterson Park Board.

overhead, as shading directly on the glass doesn't seem to work well. A layer of moss should be put on the bottom of the case covered with about an inch of finely screened ashes, and the ashes packed firmly. Stop all cracks with wet moss, where there is any possibility of hot air getting into the case, or cold air from above. Give the case on ashes a good soaking with hot water, having several thermometers in the case, and if the temperature reaches 80° and stays there, it will be safe, as one can regulate the temperature by cutting off the heat under the case. The tools required for grafting are two good knives; one kept for shaping the scions, and the other for cutting the Manetti (they must both be sharp), some raffia cut into 12-inch length, and split once, moistened, and tied in bunches to keep from getting scattered around. Also a good whetstone, a large rose jar to hold the wood, cleaned thoroughly and filled with fresh water at 60° temperature, a shallow dish or basin to hold the scions after they are made. A table or potting bench makes a handy place to work at.

By all means use flowering wood. We prefer to remove the buds when they are just beginning to open, say three days before they are ready for cutting; just snap out the buds and the wood will be in fine shape to work in about four days after the buds are taken off. Care should be exercised in selecting the buds that have the greatest number of eyes to the stem, as some of the stems will contain poor eyes. Cut the wood off and place in the jar of fresh water. Then cut off each eye and place on clean paper; after the wood is all cut up place the eyes back into the jar and start to shape the scions. Be careful when cutting up the eyes to leave good foliage with each eye and not to bruise the wood above the eye, or cut too close to it; a slanting cut half an inch to five-eighths of an inch, diagonally across the scion, corresponding with a similar cut on the Manetti stock one inch from the pot, is the best all-around splice to use, especially if one grafts for the trade as they make the firmest points and there is less broken in shipment. At the same time by cutting the Manetti almost square across (one inch from the pot), then cutting a little slice out of one side to match the diagonally cut scion, which places the scion to one side of the stock, this will be found a very satisfactory method also. Tie firmly with the raffia, but not tight enough to cut the bark on scion; let the last wind of the raffia go over the fore finger of the hand holding the pot and scion, then withdraw the finger. This leaves a loop to run the end of the raffia through; draw the end through tightly and the tie is accomplished. One can soon learn to do this rapidly. Place the grafts into case so the foliage won't overlap, spray with bulb sprinkler and close the case quickly; lose as little time as possible when putting grafts into case so as to keep the temperature right. If the case is right in every way it will not require any attention for the first 10 days, unless the foliage dries off, then open just long enough to spray this foliage. Fungus will play havoc if it once gets in. It will be necessary to remove the plants affected, to avoid spreading. Keep the case at a temperature of 75° day and night and do not air until the callous at the joint begins to ripen, then air gradually, starting with a crack the thickness of a label and increasing the amount a little each day until they can stand several inches. This will require a week or ten days perhaps. At the least sign of the foliage wilting, when starting to air the case, spray lightly and close the case at once and don't be in a hurry to harden them off, as the gradual airing and ripening of the grafts is the most important part of the whole thing, so if you can not give the case constant attention, your success will be rather poor. Yet with the usual, careful rose grower the grafting will be a pleasure and easily done.

E.

Edward Sceery.

On January 5 Edward Sceery, the well-known florist of Paterson, N. J., was for the fifth time elected president of the park board. In re-appointing Mr. Sceery, the mayor said to the members of the board: "As you are probably aware, one of your oldest members in point of service has been returned. In reappointing Edward Sceery I consider his peculiar fitness for the duties of his office and his untiring work in behalf of the park system of the city of Paterson." Mr. Sceery is now beginning his seventeenth year of service to the city. When Commissioner Fletcher nominated Mr. Sceery for president, his choice was unanimous. Andrew T. Fletcher was elected vice-president. In

reply to the mayor and his colleagues, President Sceery said in part: "This is my fifth term as president of this board, and it is a proud moment to be returned and honored by you, my colleagues."

Edward Sceery has long been the leading retail florist of Paterson, with greenhouses at Passiac. He is yet a comparatively young man. He has been identified with the city of Paterson since boyhood, having learned the florist business there. He is a good business man and is likewise possessed of fine social qualifications.

A. F. F.

Fertilizer Resources of the United States.

In discussing the fertilizer resources of the United States, the bureau of soils, United States department of agriculture, in its annual report for the fiscal year ending June 30, 1914, says in part:

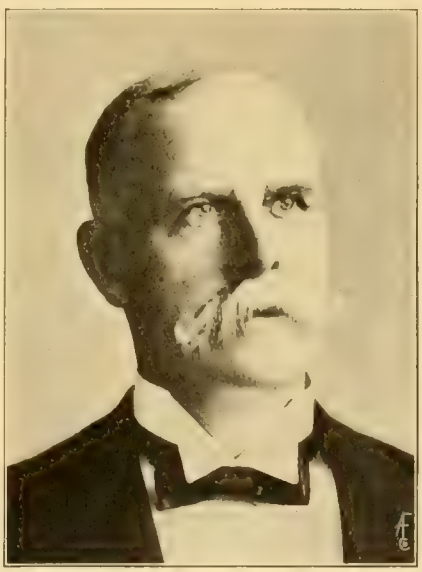
While the extraction of potash from such natural silicates as the feldspars is quite feasible physically, it is not practicable economically, unless some other salable product is produced in the same operation. An investigation into the use of feldspar in the fixation of atmospheric nitrogen showed promise of a practical method of producing ammonia simultaneously with potash from feldspar. The most promising American source of potash, however, is the annual crop of giant kelps on the Pacific coast. Working maps have now been made of nearly all the commercially available kelp beds from the Cedros Islands to the Shumagins, off the Alaskan coast. The area of these beds aggregate nearly 400 square miles, capable of yielding annually either as dried kelp or as pure potassium chloride. over six times the present consumption of soluble potash salts in the United States, or something more than the world's present total production. The development of a great American industry based on the conservation and utilization of this important national resource, of fundamental importance to the national agricultural interests, seems now to be a matter of time only.

If all the coal that is now coked in the United States were treated in modern by-product ovens and the ammonia thereby saved, the nitrogen tonnage would be about that now consumed in the fertilizer trade of the country. While the transition from the old "beehive" to the modern furnace method is steadily progressing, the greater dependence for nitrogen carriers yet remains in cottonseed meal, slaughterhouse by-products, fish scrap and some other less important materials. It would be premature to announce the results of the department's investigations as yet, but the types of material which are of commercial promise for American conditions have been pretty well worked out and substantial progress has been made in the investigation of the fundamental technical factors which must control the production of these particular types. At the same time investigation is being made of other possible sources of nitrogen. Following up previous investigation of the possibilities of the fish-scrap industry of the Atlantic coast, already developed, a study has been made of the possibilities on the Pacific coast, including Alaska. The waste fish and fish refuse approximate annually 120,000 tons and can be made to yield about 12,000 tons of scrap (fertilizer) and 3,000,000 gallons of oil, worth, perhaps, $1,800,000.

Although improvements are being made, the wastage of phosphate rock at the mines is still disconcertingly large. In Florida, where the most actively worked fields are situated, investigations of the Bureau of Soils have shown that practically two pounds of phosphorus goes to waste for every pound produced in merchantable rock. Studies are now being made looking to the recovery or prevention of some of this wastage of mechanical methods, while several chemical methods have been carefully investigated. One of the latter is a modification of the well-known sulphuric acid extraction, but by "steps." Extraction by electrolysis has been shown to be economically impracticable, but the use of the electric current to produce temperatures necessary for volatilization methods appears very promising, and at least two such methods are now being subjected to factory trials by outside commercial organizations.

C. G. Hartstra.

President, Florists' and Gardeners' Club of R. I.



W. E. Chappell.

Secre'ary, Florists' and Gardeners' Club of R. I.

Color Changes in Yellow Flowers.

Plants with pure yellow flowers rarely produce albinos, though they may give rise to blossoms much paler than ordinary. These are often spoken of as primrose-colored forms. In composites with yellow or orange-yellow rays, a number of these paler forms have been distinguished and named. It would appear from the studies of Prof. T. D. A. Cockerell that the paler color may be due to the dropping out of a "determiner" whose presence accounts for the deeper color in other flowers. Breeding experiments have shown that the primrose color is "recessive" to orange yellow, as the evolutionists say, and breeds out according to Mendelian principles. Sections of some of the flowers show that the difference in color is largely due to a difference in the amount of pigment in the cells, though the pigment itself may be paler in the aberrant forms. The phenomena of these colors are doubtless akin to the condition in normally red flowers or fruits which on occasion produce yellow variations.—American Botanist.

The Grower of Flowers.

Obviously the man who raises flowers is a better man than one who raises Cain, though he may be no better than one who raises cane. But, it seems to us, the man who raises flowers should be the happy man; a happier man than many a one who is in engaged in other vocations. It should contribute to ones' happiness to daily potter among plants and growing things; to pot and plant, and graft—in the only way that grafting is reputable—and to see his work continually glorified in endless reproductions. He can say, with truth: "Yes, Nature is the author, but I am Nature's servant and assistant; and, behold, what miracles we have together wrought!"

The man who raises flowers should be a good as well as a happy man; for the happy man cannot be other than good. He lives with innocence and beauty. He saturates his soul with such colorings as no artist can place upon his palette; and he lives in an atmosphere of fragrance as sweet as the incense which rises before holy altars; more sweet, indeed, for it is fragrance fresh from the hands of God.

This man, who spends his days urging the soil to join with the sun and the breeze in the creation of beauty, must rejoice in the pure chastity of the lily and thrill, at times, in sympathy with the passion of the rose. He is so closely in touch with the microscopic tides of life, with the ardor of Nature's chemistry, that he cannot escape their influence if he would; and he would not if he could. If he be something of a poet, he may at times, in imagination at least, hear the tiny ripplings of the vital streams as they go singing along the mysterious avenues of leaf and stalk and bough.

It is a wonderful vocation, this flower culturing. There must be vastly more to it than the money one gets out of it. If ever there was a labor that one could easily love, and ought to love, it must be this labor which enables a man to conjure forth buds and blossoms of beauty.

And the flowers—they go to cheer the sick; they come to our desks and tables to cheer us when we are well; we weave them into coronals for our daughters when they go to their nuptials; and we lay them reverently on the cold bosoms of our dead.

The man who raises flowers thinks of all these things, feels these things; for he is human, and being the guardian of the secrets of loveliness and innocence, a loveliness and innocence in the creation of which he has had a part, in thought he must follow them upon their various missions into the world.

Flowers, birds and children, this old world could not do without them; without them it would not be a fit place in which to live; and without them, we think, there could be no proper or desirable heaven for souls which once inhabited mortal bodies.

Every flower is a voiceless prayer, just as the laugh of a child and the song of a bird represent prayer expressed in tones of harmony.

Yes, we think the man who raises flowers ought to be a happy, a very happy, man.—W. G. Matthews in Dayton Herald.

Washington.

With the continuous cloudy and rainy weather stock has taken a big jump. Carnations were scarce, as were also roses, and the prices advanced rapidly. Carnations brought from $3 to $4, while roses sold at from $6 to $15 in all varieties. Sweet peas are not overly plentiful, especially the Spencer type. Gardenias last week went "a-begging," selling as low as $6 per hundred for fair flowers, with good stems. Orchids sold as low as $18 per hundred, with nobody to take care of the surplus stock, as funeral work was not overly plentiful.

NOTES.

At the meeting of the Washington chamber of commerce, January 12, Representative Thos. N. Sisson, of Mississippi, presented Wm. F. Gude with a gavel made from mahogany and bronze from the old capitol door, burned by the British. The handle of the gavel is of cedar from the home of Thomas Jefferson. Representative Sisson claims that the door from which the gavel was made was found in the crypt of the capitol in 1898.

Geo. H. Cooke has been very busy the last week with decorations. Noteworthy were the decoration for Representative and Mrs. Peter Gerry at the country club. The walls and ceiling were covered with southern smilax, while large banks of palms and ferns were displayed to good advantage throughout the ball room. The table decorations consisted of pink roses, pink snapdragon, pink carnations, begonias and rubrum lilies.

Z. D. Blackistone was elected chairman of the florists' section of the merchants' association at a meeting held last night. G. C. D.

Cleveland.

TRADE GENERALLY GOOD.

There has been a slight increase in the demand for cut flowers over last week, and with a corresponding lessening in the supply, the market keeps pretty well cleaned up. A few short-stemmed La Lorraine tulips arrive, but are too short for anything but funeral work. A few daffodils also arrive, but not enough to make them a factor. Freesia Purity is in good supply, with a good demand. Callas and Easter lilies are not in demand at present, and good orchids are to be had now at reasonable prices. Valley and violets are in fine shape and supply equal to call. Carnations are in better demand and some colors are not in sufficient supply to meet the demand, particularly white. Aaron Ward, Sunburst and Richmond roses are quite scarce, and orders on these are taken conditionally only. Killarney roses are off crop now and early orders are advisable. Sweet peas in light pink and lavender are quite plentiful, but white and dark pink are scarce. Calendula meets with a fair call. Asparagus plumosus has been very hard to get lately, and such as does arrive is short and dark in color. Boxwood has been used quite freely, and stock is exceptionally good. Adiantum is a little more plentiful. Paper White narcissi remain plentiful, with little demand.

NOTES.

A very interesting talk on "Advertising" was given by Mr. Oswald, and a blackboard lecture by H. P. Knoble were features of the last meeting. About 50 florists sat down to a banquet at the Hollenden, Monday evening, January 11. Everybody reported a fine time and feed, after which they adjourned to the meeting place in club room "B." There will be something of interest next meeting night, so don't fail to come.

The regular meeting nights of the Cleveland Florists' Club have been changed from the second to the first Monday of each month hereafter. Members who were not present last week will please take notice.

Visitors: Martin Reukauf, of H. Bayersdorfer & Co., Philadelphia, Pa., en route to the Pacific coast; C. M. Witsch, sales manager of the Johnston Tinfoil & Metal Co., St. Louis, Mo., en route to New York.

The automobile show January 16-23 at the Wigmore coliseum called for large quantities of decorative green, such as laurel and southern smilax, also flowering plants. C. F. B.

Detroit.

TRADE CONDITIONS IN DECLINE.

Trade conditions at present are not so good, a big crop of nearly all the items on the list, with a limited demand, has created the inevitable glut and consequent lower prices. Roses alone are somewhat better in quality than they have been recently and a threatened shortage is reported in the near future. Violets are fine, but not selling well, and the advent of the fine sweet peas on the market aggravates the situation to the disadvantage of the product of Rhinebeck, N. Y., where all the violets for market come from.

CLUB MEETINGS.

The club meeting Monday evening, January 18, was well attended and an interesting program gave much satisfaction to those who faced the snowstorm to be present. Sweet peas was the subject assigned for the meeting and a splendid exhibition of blooms was staged; these were grown by A. Van Beversluys, Mt. Clemens, Mich., and A. J. Stahelin, Redford, Mich. Some of the varieties were Beauty, White Orchid, Venus and Mrs. Manda. Those grown by Mr. Stahelin were exceptionally well grown and elicited much praise, while the other grower's product was fully up to the usual standard as seen locally. Both exhibitors received a hearty vote of thanks. In the discussion that followed a possible glut with consequent low prices in these flowers was hinted at and the problem of a compensating price for such fine flowers was taken up and discussed most freely; the growers present, however, seemed disposed to bow to the inevitable and low prices that may prevail will not be criticized. W. E. Cook and Chas. Schwake, N. Y., and Geo. Hampton and S. S. Skidelsky, Philadelphia, Pa., were present and freely participated in the discussion of the various subjects as presented. S. S. Skidelsky being asked to give his views upon the business conditions of the country as observed in his travels, said: "I believe we are on the way to a most prosperous era; in the extreme east some dissatisfaction is felt in the trade, but as I go westward increasingly favorable reports are the rule and no apprehension of slow trade tha coming season is felt." The next meeting of the club, February 1, will be devoted to carnations, including an exhibit of new varieties; a report, too, of the American Carnation Society's meeting and exhibition at Buffalo will be expected from those of our members who may attend that convention, but so far only Philip Breitmeyer and M. Bloy have signified their intention to go.

NOTES.

The uptown store of John Breitmeyer's Sons is rapidly approaching completion. This is in the new Whitney building, near the Grand Circus park, and will be complete in all its appointments.

B. Schroeder and G. H. Taepke are on the sick list. Some improvement is reported in their condition and hopes for their early and permanent recovery are entertained by their many friends. J. F. S.

Milwaukee.

STOCK MOVES WELL.

The past week the market has had a good demand for carnations and roses, the latter being sold out daily at fair prices. Stock in general is moving well. Violets have taken a considerable drop and are selling at low figures. There were plenty of lily of the valley and sweet peas to fill all orders, and sweet peas are showing a great improvement both in quantity and quality, due to the bright weather prevailing. Paper Whites are and have been a glut on the market. Plenty of stevia, smilax and Sprengeri are seen. There seems to be a scarcity of Asparagus plumosus at the present time.

NOTES.

The Cudahy Floral Co. is consigning some fine roses to Gust Rusch & Co., which find ready sale. This firm reports business good.

Currie Bros. Co. are practically settled in their new quarters on East Water street, and are ready for their spring seed trade.

The Kellner Florist Co. had the decorations at the auto show and they were very pretty.

Miss Grace Pilger, of A. Currie & Co., visited in Beaver Dam for a few days.

The Holton & Hunkel Co. is cutting some fine Mrs. Chas. Russell roses.

The C. C. Pollworth Co. reports trade as good, with roses in good demand.

W. M. Maas & Co. contemplate buying another delivery car.

James Chacona made a business trip to Chicago this week. G. R.

Cincinnati.

MARKET SHOWS IMPROVEMENT.

Market conditions are much better than at any time since the Christmas holidays. The supply of stock is not as heavy as it was, while the demand is steadier and more active than for the past two or three weeks. . The market cleans up very nicely each day and better prices than before have been the result. The rose receipts have fallen off greatly in quantity, and at times it seems almost as though there will be hardly enough to go around and satisfy everyone's wants in this line. American Beauties are not selling quite as well as the other varieties in roses, but still they are making a much better record in the way of

sales than they did since New Years. Carnations, too, are coming in greatly decreased quantities, but they have brought about a firmness in the market for this flower that we have not had for quite some time. Lilies are plentiful and are selling well. The same is true of lily of the valley. The fancy single violets sell pretty well, but doubles are moving rather slowly and have only a fair sale. Narcissi are meeting with a better demand than they have had for some time. Other offerings include orchids, Roman hyacinths and freesias.

NOTES.

Harry Bayersdorfer of H. Bayersdorfer & Co., Philadelphia, Pa., stopped in this city for the first time in many years. Other visitors were: "Sprinkleproof" Samuel Seligman of Werthheimer Bros., New York; V. H. Morgan, of Lord & Burnham Co., New York; H. F. Winter, of Charleston, W. Va.

C. E. Critchell suffered a $500 loss last week when a water pipe in the floor above his place burst and damaged a part of his stock of supplies.

H.

Nassau County Hort. Society.

The January meeting of the Nassau County Horticultural Society was held Wednesday, January 13, at Pembroke hall, Glen Cove, N. Y., President Ernest Westlake presiding. Final arrangements for the annual dinner of the society were discussed. It will be held at the Oriental hotel, Glen Cove, Friday evening, January 29. Three new members were elected, William Preston and W. H. Reynolds of Locust Valley, George Ford of Glen Cove.

The judges of the monthly exhibit were James Duthie, Samuel J. Trepess and James Halloway. Their awards for first prizes went to Frank Honeyman for three poinsettias and to Harry Jones for three heads of celery. For an exhibition plant of Primula malacoides (double) a certificate of merit was awarded to Angus McGregor, and a cultural certificate was awarded to A. Fournier for display of chicory.

The secretary was instructed to write a letter of condolence to Mrs. McTaggart on the death of her son. It was moved to ascertain the views of other local societies concerning the transfer of members. The exhibits for next meeting will be 12 sprays freesias, one Primula malacoides in pot, and one stock in pot. An offer of a silver cup for the fall show was received from Mrs. W. D. Guthrie.

JAMES GLADSTONE, Cor. Sec'y.

Memphis, Tenn.

WEATHER FAVORABLE.

We are having spring-like weather, with buds swelling and the forsythias in bloom after an extraordinarily cold December, the coldest December since 1874, so the local forecaster reports. The florists during the Christmas holidays averaged about the same as usual for the season; you can only take care of so much business. Plants sold well and some of the trade sold out while others did not. Cut flowers were listed too high, and country orders were not particularly numerous for that reason. Of course we rely on the Chicago market for carnations. After the local price lists had been mailed the florists found that several thousand more carnations could have been sold at sensible prices. In an experience of 20 years in flowers in the local market this has happened 19 years out of the 20. Last year local florists paid $10 and $12 per hundred for red carnations. This year prices were about half. Roses were in ample supply from local growers, but were priced too high, influenced by advance quotations from Chicago. Since January 1 several dinners and receptions have called for flowers, and the usual amount of funeral work keep the stores from absolutely "drying up."

The seed and plant catalogues issued locally are bringing in results from the early buyers. Some good rose plant orders are noticed coming in, showing that the country is not broke and will buy its usual quota.

NOTES

One of the local flower shops recently brought suit in a magistrate's court against a prominent Chicago wholesale cut flower firm for damages on account of a defective ice box. The magistrate gave judgment against the wholesaler for $499.99. Immediately a garnishment was isued against a prominent florist and grower for the above amount, which speedily brought a representative of the wholesale house to this city, but the garnishment, it is said, still holds. The utility of the ice box as a preserver of carnations, so far as the writer's experience is concerned, is governed by the character of the stock. If the flowers are highly fed and grown under high pressure and travel say from Chicago to this city they will not ship, keep or be salable when they arrive at their destination.

Alfred Houseman, a distressed Belgian florist, arrived from Kansas City, Mo., and found employment.

Paul M. Palez, of Little Rock, Ark., was here for a short visit this week.

OERITAS.

Knoxville Florists' Society.

The Knoxville Florists' Society held its mid-winter banquet at Hotel Imperial, Tuesday evening, January 12. This being the monthly meeting, all business was suspended and everyone joined in having a good time. A delightful seven course dinner was served, after which, with A. H. Dailey acting as toastmaster, a number of instructive as well as amusing talks were heard. Dr. Sam Boyd, an honorary member of the society, who returned thanks, and was afterwards asked to make a talk, required the assistance of two waiters to gain his feet. The table was beautifully decorated with roses and carnations of the latest varieties, artistically arranged in vases. The society is very grateful to E. G. Hill, of Richmond, Ind., for his goodly donation on this occasion. He sent a box of the latest roses, namely Hoosier Beauty and Ophelia, and several varieties of the latest carnations, which were used in decorating, and commended very highly by everyone present. Gunnar Teilmann, of Johnson City, Tenn., sent a nice vase of his new seedling Carnation Lady Grace, which were used in the decoration, and for which the society wishes to extend its hearty thanks. Dr. Sam, C. L. Baum's new white seedling carnation, was also used in the decoration and worn by everyone present.

Although the banquet was a success, and thoroughly enjoyed by everyone, there was one thought of disappointment and sorrow, in that Mr. and Mrs. Rynos' chairs were vacant. On account of the unexpected death of Mr. Ryno's mother it was impossible for them to be present; it was thought to postpone the banquet on this account, but upon conferring with Mr. Ryno he insisted that it proceed. Upon motion the secretary was instructed to write the bereaved members a letter extending the heartfelt sympathy and best wishes of the society.

K. F. S.

Michigan Agricultural College.

Plans are now well under way for the seventh annual horticultural show to be given by the students of Michigan Agricultural College at Lansing. This show will be held January 28-29 and will contain in addition to the exhibits of fruits raised on the college farm a large number of samples of fruits raised by recent graduates of the schools which will be sent in for the occasion.

Montgomery County Horticultural Society

The monthly meeting of the Montgomery County Horticultural Society held January 6 at Memorial hall, Dayton, Ohio, was featured by an address on topics of general interest to horticulturists by County Agricultural Agent E. A. Brenneman. Reports of committees were made by those serving during the past year. The new committees named by President Fromm will take up the work this month. The meeting closed with an informal talk by President Fromm, outlining in a brief way the plans he has in mind for the good of the organization during the coming 12 months.

Oshkosh, Wis. Horticultural Society.

The Oshkosh Horticultural Society held its annual meeting at the Chamber of Commerce, January 6, and elected the following officers for the ensuing year: William Nelson, town of Omro, president; James Roe, Oshkosh, vice-president; Peter Fisher, town of Omro, secretary; C. Phillipson, Oshkosh, treasurer.

The matter of the annual distribution of seeds to children for prize garden competition was discussed and it was decided to follow the same plan as last year, giving the seeds to the children free of charge and awarding cash prizes at the county fair next fall for the best results obtained by the youthful horticulturists. The society also took up the project of children's gardens in various districts of the city, and it was decided to present the plan to the city officials for co-operation. The idea is to secure the use of vacant lots for gardens to be planted and cared for by children.

OBITUARY.

Michael Sweeney.

Michael Sweeney, for 42 years a florist of Providence, R. I., and a former member of the city council, died at his home, Norwood avenue and Broad street, Edgewood, January 17, aged 71 years. He was born in Leitrim, Ireland, and came to this country at an early age. He settled in Providence, and, in 1873, established a greenhouse at Broad and Pine streets. Since that time he had remained in that location.

Always of a retiring disposition, Mr. Sweeney spent the greater part of his time at home, when not at his place of business. In 1888, however, he yielded to the persuasions of his friends, and was elected to the city council from the sixth ward, a position he held for three years, retiring in 1891, at his own request. He was a member of the Florists' and Gardeners' Club of Rhode Island, being president for two years.

He married Miss Mary Amelia Powers and eight children were born. Of these four daughters survive, Mrs. William T. Murphy, Misses Katherine P., Mary I. and Nannie M. Sweeney. He also leaves two grandchildren, Roberta Sweeney Grimes and Russell Sweeney Murphy.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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RENEW your subscription now.

SLEEPY CARNATIONS, according to one of our well informed correspondents, are caused by over-feeding and high-pressure culture generally, and will not keep or ship satisfactorily.

ELMER D. SMITH calls attention to two errors in the Review of the Work of the Chrysanthemum Society of America, printed in the issue of THE AMERICAN FLORIST of January 16, page 1347, namely where Niza is recorded as shown November 17, and Rodi, November 31. The month in both cases should have been October.

Personal.

F. R. Pierson, the veteran horticulturist, Tarrytown, N. Y., will celebrate the sixtieth anniversary of his birthday, January 22.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objections have been filed, the registration of Asparagus hybrida gracilis by F. W. Fletcher, Auburndale, Mass., becomes complete.

JOHN YOUNG, Sec'y.

Jan. 16, 1915.

San Francisco Convention Transportation.

Various trade organizations, local and national, are now considering the question of transportation to the annual conventions, several of which are to be held this year at San Francisco, affording an opportunity to visit the Panama-Pacific expositions, of that city and San Diego. There are many, of course, who can make this a grand tour, covering many points of trade or scenic interest, but for the benefit of the many, time and expense involved in the trip must be closely considered. Doubtless prolonged tours will be arranged by many outside agencies and members of the trade can join these where it may be advantageous to do so. It would, therefore, seem desirable that the trade transportation committees plan their convention trips rather on a business basis, arranging stop-overs only at important points along the main line of travel.

Chicago to Buffalo.

AMERICAN CARNATION SOCIETY MEETING.

The transportation committee of the Chicago Florists' Club has selected the Lake Shore & Michigan Southern Railroad for the trip to Buffalo, N. Y., on the occasion of the annual convention and exhibition of the American Carnation Society, to be held at the Iroquois hotel, January 27-28, taking the Lake Shore Ltd., leaving the LaSalle street station, Van Buren street, January 26, at 5:30 p. m., due in Buffalo the morning of January 27 at 6:45 a. m., central time, 7:45 a. m., eastern time. The regular one-way individual rate is $13.10. There is a party rate for 10 or more people traveling together on the same ticket of $10.50. Pullman rates are as follows: Lowers, $3; uppers, $2.40; drawing rooms, $11.

For reservations on this train address or call up G. K. Thompson, 100 South Clark street, Chicago. Telephone Randolph 5300.

American Carnation Society.

BUFFALO CONVENTION NEXT WEEK.

The American Carnation Society will hold its twenty-fourth annual convention and exhibition in Buffalo, N. Y., January 27-28, 1915. Headquarters will be at Hotel Iroquois, where the exhibition and meetings will be held. Everything, including the banquet, will be held in this building and the members will find it unnecessary to leave the building during the entire convention. The exhibition hall and other accommodations compare favorably with any that have ever been placed at our disposal, so that with the accessibility of Buffalo from all directions, this should be a banner convention. Make up your mind early and reserve your hotel accommodations in advance, to save annoyance in case of crowding. A banquet will be served Thursday evening, January 28. Each member will pay for his plate, as was done with very satisfactory results last year. Register as soon as you arrive at the exhibition hall and secure your banquet ticket.

The exhibition will be reserved for the members until 8 p. m. Wednesday and again until 2 p. m. Thursday, to enable them to thoroughly inspect the exhibits. The public will be admitted on Wednesday evening and again on Thursday afternoon and evening. No admission will be charged the public at the door. All members are requested to attend the business sessions and to lend their assistance in making them interesting. The first session will be called to order at 8 p. m. Wednesday. Papers are being prepared on live subjects and opportunity will be afforded the members to discuss them fully. Reports will be submitted by the officers and new officers will be elected. If you have perplexing problems, the most expert growers in the country will be on hand to help you solve them. Submit your questions to the secretary in writing, before the convention if possible.

Wear your A. C. S. button.

American Rose Society.

A meeting of the executive committee of the American Rose Society was held at the office of Traendly & Schenck in New York, Monday, January 11. Those present were Wallace R. Pierson, president; Robert Pyle, S. S. Pennock, Louis J. Reuter, Harry O. May and Benjamin Hammond. The decision to hold the annual exhibition and meeting for 1915 with the Massachusetts Horticultural Society in Horticultural hall, Boston, March 18-21, inclusive, was carried.

The committee on schedules consists of L. J. Reuter, Thomas Roland and Alex. Montgomery, who reported having received special contributions to the prize fund of $25 each from the following: The Montgomery Rose Co., Inc., Hadley, Mass.; A. N. Pierson, Inc., Cromwell, Conn.; Budlong Rose Company, Boston, Mass.; Thomas N. Cook, and S. J. Reuter & Son, Inc., Westerly, R. I. The full schedule will be issued within a few days. The pot roses will be staged on the first day, March 18, and the classes for cut roses will be staged March 19. The appointment of a manager for the rose show was left with the schedule committee.

The annual meeting of the society will be held in Horticultural hall, Friday, March 19, at 3 p. m. The matter of judges for the exhibition was provided for, there being two sets. Robert Simpson was appointed a committee of one to confer with the New York Botanical Garden committee relative to a June show at that place. A communication was received from Philadelphia relative to an exhibition by the American Rose Society in the spring of 1916, and a sum of a substantial amount was offered for a prize list. This was gone over carefully and held subject to approval at the annual meeting in March next.

BENJAMIN HAMMOND, Sec'y.

Our Supplements.

Subscribers should see that they get copies of the fine supplementary illustrations showing high-grade design and decorative work. These fine supplements should be carefully preserved, as they mean much to the retail florists in dealing with their customers, illustrating as they do the various kinds of work that the every-day florist is called upon to perform.

The papers in which the supplements appear should be likewise preserved, as they contain much valuable data with regard to these special illustrations. Subscribers should see that they get every issue, as otherwise they may miss some of the high-grade work.

Club Meetings Next Week.

Newark, N. J., January 24, 3-5 p. m.—Wein, Obst & Gartenbau Verein, 15 Newark street. Peter Caille, secretary, 11 Avon avenue, Newark.

Baltimore, Md., January 25, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets. Noah F. Flitton, secretary, Gwynn Falls Park, Station F. Baltimore.

Norwich, Conn., January 25, 8 p. m.—New London County Horticultural Society, Buckingham Memorial. Frank H. Allen, secretary, 321 Main street, Norwich.

Providence, R. I., January 25, 8 p. m.—Florists and Gardeners of Rhode Island, Schwartz hall, 96 Westminster street. Wm. E. Chappell, secretary, 333 Branch avenue, Providence.

Newport, R. I., January 26, 8 p. m.—Newport Horticultural Society, Music hall. Wm. Gray, secretary, Bellevue avenue, Newport.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted — By first-class carnation grower where I can grow stock in an up-to-date manner. Expect full charge and good wages. Address Key 406, care American Florist.

Situation Wanted—By a practical carnation grower; as working foreman. Single, sober and can produce first-class goods. Nothing under $18.00 per week. Address Key 407, care American Florist.

Situation Wanted—By gardener, single, age 32. Will be at liberty February 1. 16 years' practical experience on some of the largest private estates in America. No trifle wanted. Address Key 413, care American Florist.

Situation Wanted—As working florist, by middle aged man; many years experience in England, Canada and United States as private and commercial grower; total abstainer. Address HENRY TUCKER, 210 North Tod Ave., Warren, Ohio.

Situation Wanted—By A-1 designer and decorator, combination man and salesman and a good manager; age 32, 16 years' experience. Can give reference from present employer. State salary when writing. Address, Key 404, care American Florist.

Situation Wanted—By foreman gardener on a large private estate or university. Familar with the culture and management of all the leading and various branches of the business. First-class estate required. Address Key 412, care American Florist.

Situation Wanted—For March 1st, by a practical all-around grower, competent to produce first-class stock and manage any kind of place. Commercial or private institution. Strictly honest, sober and reliable. Best references. State particulars. Address, Key 415, care American Florist.

Situation Wanted—As a grower in a first-class retail place, southern states preferred; life experience in the growing of cut flowers and potted plants, etc; also funeral work making up. Capable of handling men; only steady position wanted with fair wages. German, single man, sober and honest. Please state full particulars in first letter when writing. Address, Key 408, care American Florist.

Situation Wanted—By competent florist and landscape gardener, age 28, married, no children. Experience in Europe and United States. Graduated from a horticultural college. A man who understands his business in anything pertaining to gardening culture, wants position on private estate from the first of February or any time after. Excellent references. Address GARDENER, care 521 Wells St., Milwaukee, Wis.

Help Wanted—A florist to take charge of greenhouse and ground. Established trade. Low rent. Must act quick, better opportunities do not exist. LEHMANN'S SEED STORE, Baton Rouge, La.

Help Wanted—A first-class, reasonable priced florist and landscape gardener of good recommendations. Permanent position. With references and experiences. Address, EAST LOUISIANA HOSPITAL FOR THE INSANE, Jackson, La.

Wanted—Lowest wholesale cash prices on vegetable and flower seeds in large quantities. Answer quick. I. W. HEINLY, Royersford, Pa.

Wanted to Rent—A reliable party who can furnish the proper credentials wants to rent a range of houses of 15,000 feet of glass or more, in Chicago or within 100 miles of it, with the priviledge of buying if conditions are satisfactory. Address Key 992 care American Florist.

For Sale—Good paying retail store in Chicago. Good reason for selling. For further particulars address Key 409, care American Florist.

For Sale—First-class retail flower store, plants and cut flowers, in vicinity of University of Chicago; well established; ill health reason for selling. Address, Key 998 care American Florist.

For Sale—One 60 in. x 18 ft. boiler, good for 160 lbs. working pressure. Shaking grate and superheater. Good as new. ALLEN B. WRISLEY CO., 925 S. 5th Ave., Chicago.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

Greenhouse For Sale or Rent—Up-to-date iron structure 148x45 ft all in one house; well stocked for spring trade. Practically no competition in town of 8000. Must be rented or sold at once on account of ill health. C. W. MOORE, Clinton, Illinois.

Help Wanted

Civil Service Commissioners Lincoln Park, N. Clark and Center Sts., will hold an examination for position of gardener on February 3rd, 1915. Examination open to men 28 to 50 years of age. Further information supplied at the office of Lincoln Park, N. Clark and Center Sts., Chicago. Phone Lincoln 2410.

JOHN C. CANNON, Supt. of Employment.

LANDSCAPE ARCHITECT

Practical landscape gardener and nurseryman with college training; experienced in drawing surveying, laying out, grading, road construction, planting, natural wood work, etc., etc.; best experience in nursery and perennial garden; wishes steady position with city, cemetery or leading landscape firm; able to handle help and take full charge of department; state full particulars in first letter. Address

Key 414, care American Florist.

For Sale.

Florist shop in good location. (Four living rooms in rear of store.) Good reason for retiring. Will sell cheap.

Inquire 5736 W. Madison St.,
Telephone, Austin 1076.

Florists' Attention!

We have on hand ready for shipment all material necessary for the superstructure of a **Modern Iron Frame Lutton Greenhouse, 42 ft. wide x 150 ft. long.** We will dispose of this material for **$1,300.00** F. O. B. our factory. Remember everything is new and strictly first class; just the same kind of a house that has made the **Lutton** reputation. We will send you even the **Galvanized Nails, Bolts and screws** for assembling the house. Plans sent on request.

William H. Lutton Company
JERSEY CITY, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

FOR SALE

HERE IT IS! An up-to-date retail establishment. 5000 sq. ft. of glass; eight-room, stucco dwelling; modern conveniences. Reason for selling—we wish to concentrate our efforts in the Nursery business, as we are now conducting both. For further particulars apply to

C. PFUND CO., - OAK PARK, ILL.

ONE OF CHICAGO'S MOST POPULAR SUBURBS

Toledo.

BUSINESS OUTLOOK PROMISING.

Judging from interviews with many of this city's prominent florists, both retailers and growers, 1914 was not what would be called a disastrous year. The trade is united in its verdict that taken as a whole the year was quite satisfactory and about equal to 1913, which was in every respect a great year. A wonderful number of plants were sold last year, especially azaleas. Florists here are not a bit discouraged about the prospects for the coming year and look forward to a good business. There has been an exceedingly satisfactory demand for all kinds of stock during the past two weeks. Ultra fashionable weddings, which demanded especially elaborate church floral decorations, have helped materially, together with an unusual number of funerals. The weather has been a mixture of dark dreary days and clear, sunshiny weather, with the result that stock is good and bad. Roses, particularly the pink variety, have been rather scarce and the demand has been lively. The quality has been poor, due in a great measure to the cloudy weather. Carnations are fairly good and of good supply. A great quantity of narcissi, while flooding the market, have come in extremely handy for funeral work. Violets and sweet peas are not any too plentiful. Orchids have enjoyed a better sale of late than usual.

CLUB MEETING.

It was too bad that a raging snow storm prevented many local florists from attending the meeting of the florists' club held at Krueger Bros.' in East Toledo, because they missed an exceedingly interesting and instructive talk by C. M. Cook, of the Stumpp & Walter Co., New York, whose topic was "Costs and Profits; How to Figure Them." He demonstrated to the satisfaction of those present that he was well versed in his subject, and gave some illuminating pointers on the office end of the business. He maintained the right way to figure profits is on the selling price, because all expenses—rent, heat, light and advertising—must come out of the dollar taken in. Hence before the dollar is taken in there is nothing with which to pay expenses. Costs, he argued, do not merely include the price of the plant or article bought, but there must be added to this the cost of selling the article, advertising, and each sale must bear its pro rata part of the total expense of doing business. The vital point in doing business, he argued, is not how much business is done, but how much business is done at a correct profit. This subject is Mr. Cook's hobby, and he certainly opened the eyes of a number of local florists.

NOTES.

M. Magee, of the Scottwood Greenhouse, had several very elaborate wedding decorations during the past few weeks, which have kept him very busy. At one wedding the bride received a check of $100,000 from her father and the groom $16,000, so you can judge that the floral decorations for the formal wedding at the church were by no means on an inexpensive scale.

Schramm Bros. report that last year's business made a fair gain, with holiday business about 20 per cent better than last year, which is going some. A beautiful folder sent out before the holidays in large numbers brought good returns. They secured the order to furnish all the decorative material for the automobile show, which will be held the early part of February.

Metz & Bateman, Madison avenue retailers, are very much pleased with the way business has been coming of late. There are no dull times at this progressive flower shop. Mr. Metz said that they have simply been swamped during the last month or so, especially during the holidays.

S. S. Skidelsky, of Philadelphia, Pa., was in town last week, brimming over with enthusiasm about the florists' trade and its future. He is exceedingly optimistic and expects the present year to be a good one after things readjust themselves a little more. K.

IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in..... 30c
" " " 18-in..... 50c
" " " 24-in.....$1.00
" " " 30-in..... 1 50
Pyramids, 36-in..... 2.25
" 42-in..... 3.00
" 48 in..... 3.50
" 54-in..... 4 00
Globes, 18 by 18-in..... 3.50
Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.
Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1 00 each.
Azalea Mollis, 15 to 18-in., bushy, 40c each; $4 25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.
Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped $1 50 each.
Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.
Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.
Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.
Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

St. Louis.

SUPPLY SHORTENS BUT TRADE DULL.

The flower supply in general was less than during the previous week, both in carnations and roses, but the demand was also poor and trade was dull. The bright weather has increased the supply in sweet peas as well as violets, the shorter stem grades selling best in these. Harrisii lilies are plentiful. American Beauty roses seem to be off crop. Plumosus in bunches is scarce.

NOTES.

The local florists' club met January 14. The American Carnation Society was invited to hold its 1916 meeting in St. Louis. The dance committee reported everything ready for a large party January 27. Julius Edmann was elected a member. The E. G. Hill Co., Richmond, Ind., displayed a vase of the new rose Hoosier Beauty and Fred Ammann also displayed his new rose Ophelia. These received honorable mention.

Dave Geddis, of Scruggs, Vandervoort & Barney, had charge of the decorations at the cathedral and at home at the Cahill wedding. Several thousand Killarney roses, orchids and lily of the valley were used.

Harry Bayersdorfer, of Philadelphia, Pa., attended the wedding of Miss Minnie Bertig and Lee Pollock. Grimm & Gorley had the decorations at the Planters' hotel, where the ceremony was performed.

Leopold Von Graffen, chauffeur of the Windler Wholesale Floral Co., was married in Murhpsyboro, Ill., to a young lady from Jonesboro, Ill. Congratulations are in order.

Will Sanders, buyer for the Grand avenue, north end store, is a daily visitor at the market. Miss Betty is buyer for the down-town shop.

Ed. Gullett, of Lincoln, Ill., was here January 16, having his eyes treated. He is shipping some good carnations to H. G. Berning.

A special meeting has been called by the Florists' and Nurserymen's Union for January 21.

F. H. Weber had a fine display of plants and fine stock in cut flowers the past week.

The Koenig Floral Co. has a fine display of palms and plants in their windows.

Arthur F. Waldmann reports trade good in both plants and cut flowers.

F. C. Weber's window display is artistic and attracts much attention.

Cizkowski, the Cass avenue florist, has a pretty window display.

Mrs. Pelletier reports good trade in funeral work. W. F.

POINSETTIAS

Good strong two year old plants $5.00 per 100; $45.00 per 1000, or will exchange for 2½-inch Whitmani Ferns.

F. F. CRUMP, Florist, Colorado Springs Col.

Oklahoma City.

MARKET IS VERY INACTIVE.

There seems to be a wave of economy over spreading this city and vicinity, and the flower business is a decided sufferer therefrom. There is absolutely nothing doing on the social side of the flower trade, funeral orders are not plentiful by any means, consequently, saying that trade is quiet does not begin to explain the real condition of affairs. January 11 our newly elected governor was sworn into office; at the inaugural ball, which took place that evening, the sum of $20 was expended in decorating the auditorium for that event. Four years ago, when the last inaugural ball was held, and in the same auditorium, the committee in charge made a contract for the decorations for the sum of $250. The same spirit of economy seemed to pervade among the flower purchasers for the ball. Corsage bouquets were conspicuous by their miniature proportions; a very few flowers were made to go a long way for wearing purposes, all of which was bad for our business. Of course, the war is blamed for our dull times, but, considering the distance between here and the seat of war, it is but fair to assume that the cause is more imaginary than real, and no doubt will soon pass away.

NOTES.

Clyde Batten returned from his vacation in St. Paul, Minn., January 16. It seems the vacation was had for a double purpose for he brought back with him a wife. His marriage took place January 6 in St. Paul. Everybody in the trade gives him good wishes. He is one of our rising young florists and was recently elected secretary of the Oklahoma State Florists' Society.

Burglars entered the garage of Furrow & Company one night this week, took the tires, press-tank, lights and every other movable thing from their delivery automobile, and got away with the plunder. Not a trace so far has been discovered as to who did the job.

DREER'S RELIABLE FLOWER SEEDS

Dreer's Double Blue Cornflower.

We offer below a short list of the more important varieties that should be sown early.

For complete list see our Wholesale Price List.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection, best dark blue bedder	$0.15	$0 50
" Cope's Pet, best light blue bedder	.15	.35
Alyssum, Little Gem or Carpet of Snow, very dwarf, select stock	.15	.60
Antirrhinum, Giant, in 6 colors, each	.20	.60
" Giant, finest mixed	.15	.50
" Half dwarf, in 6 colors, each	.20	.60
" Half dwarf, finest, mixed	.15	.50
Asparagus Plumosus Nanus, true, greenhouse grown, $3.50 per 1000 seeds; $30 00 per 10,000 seeds		
Asters. (See our Wholesale Catalogue).		
Begonia, Erfordii. Rosy carmine	.30	
" Gracilis rosea. Rose	.30	
" Gracilis luminosa. Fiery red	.50	
" Vernon. Orange red dark foliage	.30	2.50
" Semperflorens, mixed	.30	2.00
Candytuft Empress the best white, ¼ lb. 60c	.10	.20
Centaurea Gymnocarpa, white leaved	.15	.35
" Dreer's Double blue Cornflower, ¼ lb . $2.00	.15	.60
Cineraria Maritima Candidissima (Dusty Miller)	.10	.20
Cobaea Scandens, purple	.15	.40
Coleus, Dreer's Hybrids, mixed	.50	2.50
Dracaena Indivisa, ¼ lb . $1.00	.10	.30
Grass Pennisetum Longistylum	.10	.25
" " **Rueppelianum** (Purple Fountain Grass)	.10	.25
Heliotrope, Lemoine's Giant mixed	.30	1.50
Ipomea Grandiflora (Moonflower), ¼ lb., $1.25	.15	.40
Lobelia Crystal Palace Compacta, dwarf dark blue	.25	1.25
" **Speciosa** dark blue trailing	.15	.50
Nierembergia Frutescens	.15	.50
Petunia, Dreer's Superb Single Fringed Mixed, ⅛ oz., $1 50	.50	
" " " Double " " 75c per 500 seeds		
" " " " " $1 50 per 1000 seeds		
Stocks, Large flowering, 10-week, in six colors, each	.40	2.50
" " " " Finest Mixed	.30	2.00
Sweet Peas. (See our Wholesale Price List).		
Thunbergia, mixed	.15	.50
Torenia Fournieri	.40	2.00
Vinca rosea, in 3 colors each	.15	.60
" " Finest mixed	.15	.50
Verbena hybrida, Dreer's Mammoth, in 6 colors each	.30	1.50
" " " " Finest mixed	.25	1.00

	Trade Pkt.	Oz.
Pyrethrum Aureum (Golden Feather)	.10	.25
Salvia Splendens (Scarlet Sage)	.25	1.25
" " Bonfire, fine compact sort	.50	2.50
" " Zurich, early flowering dwarf	.50	3.50
Smilax, ¼ lb., $1 00	.10	.35
Solanum Capsicastrum (Jerusalem Cherry)	.10	.25
" **Fra Diavolo,** new dwarf	.15	.50

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa

C. Bickus, of the Stiles Co., went to Okmulgee early in the week to arrange a wedding decoration.

S. S. B.

Providence, R. I.

TRADE SHOWS DECREASE.

There has been quite a falling off in the volume of business during the past week, although funeral work has been fairly good. A large number of pieces were sent to the Gammell funeral. There were several large orders, among them a casket cover of lily of the valley, roses and cattleyas. T. O'Connor had the majority of this work.

The Rhode Island Horticultural Society held its annual election of officers at its meeting January 20. Following the business meeting there was a lecture by Clifton W. Loveland, ornithologist for the state board of agriculture, on "The Relation of Birds to Horticulture." The lecture was illustrated with slides of those birds which have proven themselves either helpful or harmful to the interests of the horticulturist.

Michael Sweeney, one of the pioneer florists of this city, died at his home Sunday, January 17, aged 71 years. He was a member of the Florists' and Gardeners' Club of Rhode Island, and was its president for two years. His obituary will be found in another column.

George Johnson, one of the oldest florists in this city, passed away last week. He had been city forester for many years, also conducting a store and greenhouse on Elmwood avenue.

The heavy snow during the past week damaged the greenhouses of W. E. Chappell, Branch avenue, breaking about 10 feet of glass in one of the houses.

We Offer For Immediate Delivery

Good, strong, well-established plants in 2¼-inch pots of the exceedingly

Valuable New Roses

Ophelia, Francis Scott Key, and Prince E. C. D'Arenberg.

Growers will find all of these valuable additions to the list of standard varieties. They have been tested thoroughly, and have been found to have exceptional value.

OPHELIA. No fancy rose ever introduced possesses so many excellent qualities. It is a splendid grower, a very free bloomer, and has fine stems. It sells on sight The demand undoubtedly will exceed the supply. Anticipating the large demand, we have propagated it extensively. Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120 00 per 1000.

FRANCIS SCOTT KEY. This variety, raised by Mr. John Cook, is very distinct, being entirely different from any of the indoor roses grown today. Flowers are rosy red, and are unusually large and double, resembling very much a very full, double hardy garden rose. Coupled with its large size and double form, it is an exceedingly free bloomer. It promises to be exceedingly valuable, especially for spring, summer, and fall flowering, when other less double roses are difficult to handle. Its keeping qualities are remarkable.

Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

PRINCE E. C. D'ARENBERG. This variety might well have been termed Red Killarney, as it possesses so many of the good qualities of the Killarneys. In color, the flowers are similar to Richmond, but they are much more double, and it should prove a very much more profitable rose. Flowers have fine straight stems on all the grades—from the shortest to the longest, It has fine foliage comes away quickly, and is even a freer bloomer than the Killarneys. We believe it is the best all-round red rose that we have today.

Strong plants on own roots, 2¼-in. pots, now ready, $12.00 per 100; $90.00 per 1000.

We will be glad to quote on application prices on all the newer and standard varieties—strong grafted plants ready in March.

F. R. PIERSON, Tarrytown, New York

The florists' club banquet and installation of officers will be held January 25 in the club rooms on Westminster street.

Many of the florists have pussy willows in bloom, and some very pleasing effects are made with them.

Wm. Hoffman, of Pawtucket, is bringing in some very fine cyclamen in five and eight-inch pots.

Carnations and narcissi, including Paper Whites, are plentiful, and are filling the markets.

C. S. Macnair is recovering from his recent illness, and is expected to be about again soon.

Appleton, the Florist, has a new delivery wagon that makes a neat showing.

H. A. T.

POEHLMAN

72-74 E. Randolph St.,

For McKinley Day, Jan. 29

Big Supply of Fancy Red=Pink=White Carnations

Fancy Long Beauties-Fancy Killarney-White Killarney-Killarney Brilliant-Killarney Queen.

Cattleyas--Gardenias--Valley--Tulips--Jonquils.

CURRENT PRICE LIST.

Orchids and Gardenias.

	Per Doz.
Cattleyas	$4.00 and $6.00
Gardenias	3.00 and 4.00

Beauties.

	Per Doz.
Specials	$6.00
36-in. long	5.00
30-in. long	4.00
24-in. long	3.00
18 to 20-in	$1.50 to 2.00
Short	per 100, 8.00 to 10 00

Roses.

		Per 100
Hadley		$8.00 to $18.00
Shawyer		8.00 to 18.00
Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen	Ex. long	$12.00
	Long	$8.00 to 10.00
	Medium	6.00
	Short	4.00

Roses—Continued.

		Per 100
Killarney, White Kill., Aaron Wards	Ex. long	$10.00
	Long	8 00
	Medium	6.00
	Short	$3.00 to 4.00
Russell—Ex. long		25.00
" Long		20.00
" Medium		$15.00 to 18.00
" Short		6 00 to 12.00

Carnations.

	Per 100
Short Split	$1.50
Medium	2.00
Fancy	$3.00 to 4.00

Lily of the Valley.

	Per 100
Extra Fancy	$ 5.00
1st Quality	4.00
2nd Quality	$2.00 to 3.00

Miscellaneous.

	Per 10
Jonquils	$
Romans	2.00 to
Paper Whites	3.00 to
Sweet Peas	1.50 to
Freesia	
Tulips	4 00 to
Easter Lilies	10.00 to
Violets, double	0.75 to
Violets, single	
Mexican Ivy	
Smilax, per doz., $2.00	
Sprengeri-Asparagus	2.00 to
Asparagus Plumosus, string, 50c.	
Leucothoe	
Adiantum	.75 to
Galax, bronze and green	per 1000,
Eastern Ferns	" "
Boxwood, per bu., 25c,	per case,

Accessories for

St. Valentine Day

CORSAGE SHIELDS

Chiffon, $2.00 doz.; Transparent, 50c doz.

SPECIAL CORSAGE TIE

No. 5 ribbon with tassels, $1.25 per doz.

4-INCH PINS, PEARL-HEADED

All colors, $1.00 per gross.

HUGHES' VALENTINE BOX

24x5x3½ inches, $2.00 for ten.

ARNOLD'S VALENTINE BO

White glazed with red heart and arrow on co

	Per 100		Pe
10x6x5½, -	$5.50	30x5x3½, -	$6
12x8x5, - -	6.50	24x8x4, - -	7
24x5x3½ - -	5.75		

Don't forget our special 35 per cent cash disco on wire design orders for $10 or more this mo

Prompt Delivery On All Orders.

N BROS. CO.

ong Distance Phone, Randolph 35. **CHICAGO, ILL.**

Western Palm Headquarters

Largest supply of choice Kentias we have ever offered. Both single and made-up

Kentia Belmoreana

	Single Plants		Each
inch pots,	5 to 6 leaves,	18 in. high	$0.35
inch pots,	6 to 7 leaves,	24 in. high	1.00
inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
inch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
inch tubs,	6 to 7 leaves,	36 in. high	3.00
inch tubs,	6 to 7 leaves,	42 to 44 in. high	4.00
inch tubs,	6 to 7 leaves,	45 to 48 in. high	5.00

Specimens, $15.00 to $25.00.

Kentia Forsteriana

	Single Plants		
inch pots,	5 to 6 leaves,	18 to 20 in. high	0.35
inch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
inch pots,	5 to 6 leaves	34 to 36 in. high	1.50
inch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
inch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Phoenix Roebelenii

inch pots,	20 in. high,	26 in. spread	1.50
inch pots,	22 in. high,	28 in. spread	2.00
inch pots,	2 ft. high,	32 to 36 in. spread	2.50
inch tubs,	fine specimens		3.50

reca Lutescens, 6-in., 3 plants, 90c each.

Kentia Forsteriana

	Made-up Plants		Each
inch pots,	3 plants in a pot,	28 in. high	$1.50
inch pots,	4 plants in a pot,	34 to 38 in. high	2.50
inch tubs,	4 plants in a tub,	38 in. high	3 00
inch tubs,	3 plants in a tub,	38 to 42 in. high	3.50
inch tubs,	3 plants in a tub,	48 to 54 in. high	5.00
-inch tubs,	4 plants in a tub,	52 to 56 in. high	6.00
-inch tubs,	4 plants in a tub,	5 ft. high	8.00
-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
-inch tubs,	4 plants in a tub,	6 ft. high	12.00

ery strong specimens 12 and 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

FERNS—Boston, Whitmani, Roosevelt.

5 inch, each	$0.25	per doz	$ 3.00
6 inch, each	.50	per doz	6.00
7 inch, each	.75	per doz	9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2 50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties, from $1.50 to $3.00 each in bloom. Larger specimens from $3.00 up to $8.00 each.

Pandanus Veitchii.

Highly colored, 4-in. 50c, 5-in., 75c to $1.00, 6-in., $1.50, 7-in., $2.00 to $2.50 ea.

Cyclamen.

In bloom, mostly light colored stock but a limited supply of dark colored and salmon colored plants, 5-in. $5.00; 6-in. $7.50 per doz.; 7-in. $1.25 each.

Dracaena Godseffiana.

2-in. pots.....$1.00 per doz.

Dracaena Terminalis

Highlg colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in., $7.50 per doz.

Araucarias

Excelsa, fine stock 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Aspidistras.

Green, 5-in. pots, 10-12 leaves, $1.00.
Variegated, 5-in. pots, 10-12 leaves, $1.50.

Rubber Plants.

All sizes from 25c to 50c ea. Strong foliage.

Crotons.

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy.

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per dozen, $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-inch and 2-inch plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

All Freight Shipments Travel at Purchaser's Risk.

Grafted and Own Root Rose Plants

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-inch.	Per 1000	Per 5000
ussell	$130 00	$600 00
phelia	130 00	600 00
adley	120 00	550 00
rs. Geo. Shawyer	110 00	500 00
aron Ward	110 00	500 00
illarney	110 00	500 00
hite Killarney	110 00	500 00
illarney Brilliant	110 00	500 00
ichmond	110 00	500 00
ulgarie or Taft	110 00	500 00
ecile Brunner	100 00	.....

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-inch.	Per 1000	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00
Aaron Ward	60 00	275 00
Sunburst	60 00	275 00
Milady	60 00	275 00
Killarney Brilliant	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white.....$8 00 per 100; $70 00 per 1000

Miss Pauline Anderson, late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

	R. C. per 100	1000	2½-inch per 100	1000
HITE—				
Smith's Advance	$2 50	$22 00	$3 00	$27 00
October Frost	2 50	22 00	3 00	27 00
Virginia Poehlmann	2 50	22 00	3 00	27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Turner	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00

	R. C. per 100	1000	2½-inch per 100	1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
	R. C. per 100	1000	2½-inch per 100	1000
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00

	100	1000	100	1000
YELLOW—				
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000.
Philadelphia, light pink, $6.00 per 100; $50 00 per 1000. **Winsor,** $20 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

EASTER LILIES

Large flowers on fine long stems. Now that short Roses are scarce, these fine Lilies make the best show for the money in funeral work.

Beauties

Our Beauties are the finest coming to this market. The very short stem Beauties we do not advise handling at this time of year.

Roses

Killarney Brilliant, Rhea Reid, Sunburst, Killarney, White Killarney, Richmond, etc. Exceptionally fine flowers on all lengths of stems.

Carnations

Our carnation houses are the wonder of the trade, for the flowers are so large and strong.

☞We solicit orders and ask for a comparison in quality with any flowers in this market. Growing all the flowers we sell, our customers are getting the benefit of the best methods and careful handling in a large modern range of glass. The advantage of buying direct of the grower is immense.

CURRENT PRICE LIST

BEAUTIES.

	Per doz.
Specials, stems 48 in. and over	$5.00
36 in. stems	4.00
24 to 30 in. stems	3.00
18 to 20 in. stems	2.00
12 to 15 in. stems	$1.00 to 1.50

Richmond-Killarney Brilliant-Pink and White Killarney.

	Per 100
Specials, extra long stems	$10.00
Medium length stems	$6.00 to 8.00
Short length stems	4.00
ROSES, our selection	4.00

Rhea Reid-Milady-Bulgaria-Sunburst.

	Per 100
Specials, extra long stems	$12.00
Mediums, stems 10 to 15 in.	8 00
Shorter stems	$5.00 to 6.00

Carnations.

	Per 100
Fancy red, very choice	$3.00 to $4.00
Fancy dark pink, very choice	3.00
Fancy white and light pink, very choice	3.00
Easter Lilies	per doz., $2.00 12.00
Lily of the Valley	3.00 to 4.00
Narcissus Paper Whites	3.00
Tulips	2.00 to 4.00
Jonquils	3.00 to 4.00
Sweet Peas	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

ROSES STILL SCARCE.

Roses are still scarce, especially in the short and medium grades, and prices are higher now than they were at Christmas. While there seems to be a good supply of fancy Killarney, White Killarney and Killarney Brilliant at times, long-stemmed stock is none too plentiful and the supply is pretty well cleaned up each day. Richmond and other red roses are very scarce and are bringing good prices. Yellow roses are also on the short side and the same holds good for American Beauty roses, which have again advanced in price. Carnations are moving better, but are not bringing the prices that they should. Lily of the valley is in fair supply and lilies are plentiful. Freesia of fine quality is to be had in quantity, and is having a good call. Tulips are seen in larger numbers, but the supply of jonquils cleans up nicely each day at $3.00, $4.00 and $5.00 per 100. Paper White narcissi are not moving as well as they should, which accounts for the large supply seen at many of the houses. Sweet peas have been in good demand, especially fancy stock, which is sold quickly at good prices. Single violets are moving fairly well but the New York doubles could sell better, although prices on this stock have been much firmer this week. Stevia is not quite as plentiful as it has been. Orchids and gardenias are in good supply and large quantities of cypripediums are to be had at low prices. Taken all in all stock in general is none too plentiful and business has shown some improvement the past week. Greens of all kinds are plentiful and exceptionally fine ferns and smilax are now being offered. The quality of the cut flowers now reaching the market is exceptionally grand and all that can be desired. Some of the finest Killarney and Killarney Brilliant that have been offered for a long time are obtainable now, and the same holds good for Mrs. Aaron Ward, My Maryland and Mrs. George Shawyer roses.

NOTES.

John Muir received a telegram from San Francisco, Calif., on January 18, to the effect that Charles Ussing is dying there and asking him for information in regard to his relatives, if any. Mr. Ussing was formerly in his employ and left about a year ago to find employment on the coast, for he was in ill health and thought that a change of climate would do him good. Judging from the telegram he must be in the employ of the Misses Hannon of the coast city, for they were the ones that were asking for information. All that any one here knew of him was that he was a gentleman in every respect and that he originally came from New York City.

Miss Leona C. Sculer and George H. Wietor were married at St. Henry's church on Tuesday, January 19. The groom is a son of Henry Wietor, of Wietor Bros., and has charge of a section of American Beauty roses at Wietor's greenhouses. The happy young couple have the best wishes of their many friends in the trade for a successful voyage on the sea of matrimony.

H. Dieu Schiller is well pleased with the way business is keeping up at Schiller's North Side store, and says that the outlook is very encouraging for the future.

Martin A. Magnuson, 338 Center street, has had a good run on funeral work the past few weeks, which was scattered pretty well throughout the city.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

Headquarters For Beauties

Fancy stock in all lengths at prices ranging from $1.00 to $5.00 per dozen. Order what you want at the prices that you want to pay and you will get your money's worth if you buy them from us.

Roses==Carnations==Sweet Peas==Lily of the Valley.

Current Price List.

AMERICAN BEAUTIES	Per doz.
30-36-inch stems	$4 00 to $5 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.	Per 100
Specials	$10 00
Select	8 00
Medium	5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward	Specials	$10 00
	Select	8 00
	Medium	6 00
	Short	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short	75 to 1 00
Roses, our selection, per 100		4 00

	Per 100
Carnations, fancy	$3 00
" select	2 00 to 3 00
Sweet Peas	1 00 to 1 50
Harrisii, per doz., $1 50 to $2 00	
Valley	3 00 to 4 00
Violets	1 00 to 1 25
Stevia	1 50
Smilax, per doz., $2 00	
Adiantum	1 00
Asparagus, per bunch, 50 to 75c	
Ferns, per 1000, $2 50	
Boxwood, per bunch, 25c	
Galax, bronze and green, per 1000 $1 00	
Leucothoe Sprays, per 100, 75c to 1 00	

INSURE SATISFACTION

The name "Kennicott" has stood for "quality" and "honesty" since 1883. Our thirty-two years of giving a "square" deal is the reason we are today handling the stock of the best "quality" growers in America.

WE FEATURE THIS WEEK

Bulgarie Roses, Pink and White Killarneys; also Freesia, Jonquils, and Valley. We will continue to be greengoods headquarters.

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

Established 1883 Incorporated 1892

163 North Wabash Avenue, CHICAGO, ILL.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

George Wienhoeber has had some very attractive window displays at his South Wabash avenue store since he took possession of the premises, January 1. P. N. Miller has charge of the window decorations and one cannot help but stop and admire the beautiful displays as one passes by. It seems that of late each of the loop stores are trying to outdo each other in their window showings, and it is pleasing to note that the proprietors are awake to the business that may be derived from advertising of this nature.

Percy Jones is offering some very choice ferns at present, and has plenty on hand to supply all of his customers with throughout the season. H. Van Gelder has already contracted for this firm's next season supply of boxwood through his southern representative, who writes that the quality will be the best ever for some of the trees will be just right for trimming and that he can figure on a larger than ever supply.

The McNeff-Swenson Co.'s Valentine day folder is now ready for distribution and everyone that has seen it is more than pleased with it, and agree that it compares most favorably with any of the others that this firm has yet issued. Hilmer Swenson is calling on the trade in the northwestern states and L. Dow McNeff is on a similar mission in Canada.

At Zech & Mann's store the receipts of American Beauty, Killarney and White Killarney roses are quite heavy and the quality is all that can be desired. Freesia is arriving in good supply daily at this house and is in good demand now. John Zech says that his daughter Carrie is feeling much better this week and an early recovery is hoped for.

Wietor Bros. are just coming in nice crop with Killarney, White Killarney and Richmond roses and the receipts are gradually increasing at this store now. N. J. Wietor is well pleased with the past week's business, which was very good, and is rather inclined to think that trade will gradually show improvement from now on.

The Chicago Floral Co. is enjoying a brisk transient trade at its West Randolph street store, opposite the Colonial theatre. The proprietor has made good use of the supplements in THE AMERICAN FLORIST that have appeared in the past, and many of them have been framed and now adorn the wall of the store.

George Manos, the Union Depot Florist, wishes that he had larger quarters in his present location, for he is working under a handicap, as he is now situated. He does a nice business because he sells at reasonble prices and gives his customers good value for their money.

H. VAN GELDER, Pres. L. M. JONES, Secy.
PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO
Importers and Jobbers of Florist Supplies
Ribbons and Chiffons Our Specialty
6-inch Netting
Best Quality
4 CENTS PER YARD.

George Economopolus reports that trade is improving gradually at the Alpha Floral Co.'s store on South Wabash avenue, and that the general outlook is brighter than it has been for some time. Transient trade is always good at this establishment for it is located on one of the busiest corners in the loop.

Erne & Klingel are pleasing their customers with fancy Butterfly sweet peas, as well as very fine Killarney and White Killarney roses. Nico-Fume and To-bak-ine are still handled as side lines at this busy store.

Joseph Ziska, Jr., of Joseph Ziska & Sons, must think the winter is pretty well over, for he has taken his Auburn car out of the garage and will use it to good advantage in calling on the trade in this vicinity.

Nick Kronos, of Manusos Bros., was married recently and is now spending his honeymoon in the east. He is a brother of George Manos' partner, who looks after the Pittsburgh, Pa., stores.

The Frank Floral Co. is featuring choice jonquils in large quantities this week, but the demand is so heavy at present for this kind of stock that a cleanup is experienced each day.

J. A. Budlong is in good crop with American Beauty roses and some fine stock in this line is now seen at this store, and lily of the valley is always in good supply here.

Joe Schouten has been doing the buying on the local market for the Ernst Wienhoeber Floral Co. during the illness of the regular buyer, Wm. Wienhoeber.

Sharp, Partridge & Co. are furnishing the glass for the new eight-story building at the southwest corner of Lake street and North Wabash avenue.

Robert Hand has accepted a position as rose grower with Poehlmann Bros. Co. at Plant B, where Adolph Poehlmann so ably presides.

The Cook County Florists' Association will meet at the Tavern, West Washington street, Thursday, January 21, at 8. p. m.

The local Greeks celebrated New Year's day in grand style on Thursway, January 14. Ety Polla to Neon Etos.

James Chacona, of Milwaukee, Wis., was a visitor in the wholesale market, January 14.

Guy Reyburn, of A. Henderson & Co., is in the city this week.

Beauties-Roses

**CARNATIONS--VIOLETS--SWEET PEAS--
TULIPS--VALLEY--LILIES--JONQUILS--
PAPER WHITES-ROMANS-ORCHIDS-ETC.**

Exceptionally fine shipping stock. Order from us and your flowers will always arrive in fresh condition.

Current Price List.

AMERICAN BEAUTIES		Per doz.
Long stems	$4 00 to	$5 00
36-inch stems		3 50
24 to 30-inch stems.		3 00
20-inch stems		2 50
18-inch stems		2 00
12 to 15-inch stems.	1 00 to	1 50
		Per 100
Richmond, Specials	$10 00 to	$12 00
Medium	6 00 to	8 00
Short		00

W. Killarney		Per 100
Killarney	Fancy..	$10 00
" Brilliant	Med.... $6 00 to	8 00
Ward	Short..	4 00
Sunburst		
ROSES, our selection.		**4 00**
Carnations, common..		3 00
Fancy		4 00
Splits		2 00
Valley	3 00 to	4 00
Violets	1 00 to	1 25
Paper Whites		3 00
Romans		3 00

Stevia	per 100,	$1 50
Lilies	per doz., $1 50 to	2 00
Callas	per doz., 1 50 to	2 00
Sweet Peas	per 100, 1 00 to	2 00
Smilax	per doz.,	2 00
Adiantum	per 100,	1 00
Asparagus Strings	ea.,	75
Asp. Plumosus	bunch, 35 to	50
Fancy Ferns	per 1000,	2 50
Wild Smilax	per case,	5 00
Boxwood	per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays	per 100,	75
Mexican Ivy	per 100,	75
Mignonette	per 100, $6 00 to	8 00

A. L. VAUGHAN & CO.,

161 N. Wabash Ave., (NOT INC.) TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

BEAUTIES--ROSES

Never before at this season of the year have we had such splendid quality to offer the trade in Beauties and Roses as we have now. The Beauties are magnificent and we can supply them in the Long, Medium and Short grades. Our Killarney and White Killarney roses are extra fine and second to none, as far as quality is concerned, in this or any other market. You wil appreciate this stock if you once see it, for it is, without question, the finest that has been offered for a long time.

FREESIAS--CARNATIONS

Fancy stock of both in large supply as well as Orchids, Tulips, Jonquils, Narcissus, Lilies Callas, Valley, Stevia, Romans, Violets and Greens. Our line is complete in every respect and if there is anything you want that you do not see mentioned, ask for it. for we have it if it is obtainable.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phone Central 3284. **Chicago**

Mrs. Williams, of the Atlas Floral Co., is making quite a saleslady of her stenographer and bookkeeper, Miss Lillian Glatter, who is proving to be a valuable addition to the regular force. This store has attracted more attention of late with its magnificent window displays than it has for a long time past.

Hoerber Bros. are still growing My Maryland roses in fairly good supply and think that it is a good enough variety to keep on their list. Very few florists in this vicinity are growing this variety now, but this rose always seems to find ready buyers at this house.

Paul Klingsporn says that trade was good at the Chicago Flower Growers' Association store the past season and that the records from July 1, 1914, to January 1, 1915, show an increase over the corresponding months of the previous year.

Frank Oechslin has a nice supply of bulbous stock in pans which he is now distributing in fairly large quantities. Stock in general throughout the Oechslin greenhouses is in grand shape and is a pleasure to look upon.

O. Johnson, of the Batavia Greenhouse Co., says that trade has improved wonderfully during the past week and that roses are bringing better prices now than they did at Christmas.

John Risch says that Weiland & Risch have averaged 500 Mrs. Chas. Russell roses a day so far from their winter cuts.

The Chicago Flower Growers Association
WHOLESALE GROWERS of CUT FLOWERS and PLANTS
L. D. Phone Randolph 5449 176 N. Michigan Ave. Chicago

The New Live Wire
FRANK FLORAL Co.
WHOLESALE FLORISTS,
179-181-183 N. Wabash Avenue, CHICAGO
Telephone, Central 42
Automatic 44-864
Consignments of Roses, Carnations, Violets and All Other Seasonable Stock Solicited.

Poehlmann Bros. Co. is booking orders every day on a large scale for grafted and own-root rose plants in all the best standard and newer varieties. Chrysanthemum cuttings and plants and carnation cuttings are also handled in large quantities, and the buyer can get just about what he wants at this place. The demand for grafted plants of the new rose, Mrs. Chas. Russell, is surprisingly large, which indicates that it will be grown heavily in the future. In the supply department the regular force has been increased in the person of Joe Zarobi, an efficient basket decorator, who was formerly with the A. L. Randall Co.

A surprise party was given in honor of J. Muno and wife on January 17 at their home at 2464 Kenilworth avenue, and it is needless to add that everyone present had a most delightful time. The party was given in honor of their thirty-fifth wedding anniversary, and among those present were Peter Reinberg, Adam Zender, D. E. Freres and many other well-known people in the trade. Joseph Gast made an appropriate speech and his little son, John, presented the Munos with a handsome bouquet of 35 Killarney roses.

Peter Reinberg has had a good call for Killarney and White Killarney roses all week, and no trouble at all has been experienced in moving the large cuts. Felix Reichling says that many complimentary letters have been received in regard to the splendid keeping qualities of their new pink seedling carnation, Josie Merle. It is a fine shipper and is used for pink on nearly all out-of-town orders when possible.

Among those who have reserved berths on the Chicago car for the carnation meeting at Buffalo next week are the following: August Poehlmann, W. N. Rudd, George Asmus, A. T. Pyfer, C. W. Johnson, P. J. Foley, Fred Lautenschlager, P. W. Peterson and Frank Fischer, Joliet, J. A. Valentine, Denver, Colo., and E. F. Kurowski.

A. L. Vaughan & Co. are looking forward to better business and are going to make a strong bid for same from now on. Another stenographer has been added to the office staff and with the increased sales force they are confident that they are ably prepared to take care of all orders that may be entrusted to them.

Bassett & Washburn are cutting quite heavily in roses and some especially fine Killarney and White Killarney are now being featured at this establishment. Bulbous stock is being handled on a large scale at this store now, particularly tulips, jonquils and Paper White narcissi.

The Foley Greenhouse Mfg. Co. has been awarded the contract for the new greenhouses of the Ohio State University at Columbus, which will be devoted to vegetables. The new range will consist of three houses 14.9x135 feet of the ridge and furrow type of connected houses.

H. B. Kennicott says that trade has been very encouraging at Kennicott Bros. Co.'s store this week, and that stock in all lines has been in good demand. This firm will continue to handle all green goods as it has in the past, and even on a larger scale than before.

The Chicago Carnation Co. will be one of the exhibitors at the twenty-fourth annual convention and exhibition of the American Carnation Society to be held at Buffalo January 27-28. A. T. Pyfer is planning on attending the meeting and show.

W. F. Duntemann of Bensenville is shipping some very fine Mrs. Aaron Ward roses to this market now. A. L. Vaughan & Co. are handling some of his stock.

J. F. Kidwell & Brother had the order for the Wietor-Sculer wedding on Tuesday, January 19.

The E. F. Winterson Co. is the recipient of daily shipments of local grown cypripediums.

Kyle & Foerster are showing quite a large supply of fancy Killarney Brilliant roses.

Chicago Bowling.

The bowling team representing the local florists in the North Chicago League journeyed out to Maywood on Friday evening, January 15, to play a picked five from that place. The local boys won two out of the three games played and were declared the winners. The following are the scores which were made in the league tournament this week:

John Huebner	191	184	214
Lorman	210	170	265
Zech	175	185	159
Price	166	167	193
Olsem	195	202	201
Totals	937	908	1032

NEW ORLEANS, LA.—Max Scheinux, who bought a farm at Suburban Acres recently, is planting 10,000 Easter lilies, 50,000 asters, 5,000 tuberoses, 5,000 roses of thirty-five varieties and 1,500 palms.

BASKETS

Be sure that you get them from us. Our line is the best that was ever offered, to the trade and consists of every style that the retail florist of today needs. Send for our new catalog, just off the press, make up your order from the new list and send it to us immediately. A postal will do.

Raedlein Basket Co.
713 Milwaukee Ave., CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

Mention the American Florist when writing

Texas State Hort. Society.

The ninth mid-winter meeting of the Texas State Horticultural Society, held January 13-14 in Fort Worth at the Chamber of Commerce auditorioum, was of interest both to agricultural experts, to laymen in the city who are endeavoring to beautify streets and yards, and to teachers of agriculture in high schools. Prof. Martin L. Hayes, professor of agricultural education at A. & M. College, delivered an address on "School Gardens." Prof. W. Dabney, principal of the Gatesville High School, spoke on

Vaughan's 1915 Spring Book for Florists

Should be in the hands of every plant grower. **Flower Seeds, New Roses and Carnations.** All **Cannas** are offered. Write for it at Chicago or New York.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph Street, **L. D. Phone, Randolph 6578** **CHICAGO, ILL.**

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

A. L. Randall Co.,

RANDO BRAND 66 E. Randolph St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone, Central 3284

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.

Smith & Young Co.

WHOLESALE
Cut Flowers and Supplies

228 East Ohio Street
INDIANAPOLIS, IND.

"Agriculture in High Schools." A portion of the second day's programme was devoted to demonstrations of orchard heaters used for protection against freezing.

Officers of the society are as follows: J. H. Arbenz, Sarita, president; Fritz Engelhard, Eagle Pass, vice-president; T. H. Blackmon, Dallas, secretary and treasurer, and I. E. Cowart, College Station, assistant secretary and treasurer.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty..... WHOLESALE GROWER OF **CUT FLOWERS**

Flower Growers Corporation

Wholesale Only. Consignments Solicited.

118 Broadway, **DETROIT, MICH.**

Wholesale Flower Markets

	Per doz.
Roses, Beauty, specials	$4 00@6 00
" " 36-in.	3 50
" " 30-in.	3 00
" " 24 in.	00@2 50
" " 20-in.	1 50
" " 15-in.	1 00
" " 12-in.	75
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	4 00
Carnations	1 50@ 4 00
Cattleyas...per doz.	7 50 to 9 00
Daisies	1 00@ 1 50
Gardenias	$2.00@$4.00 per doz.
Lilium Harrisii	12 50@15 00
Paper Whites	3 00
Romans	3 00
Stevia	1 50
Sweet Peas	1 00@ 2 00
Valley	3 00@ 4 00
Violets	75@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns "	2 50
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00

Boxwood, 25c per lb.
Tulips, $4 00 per 100.

WILD SMILAX

$2.00 per case; half case, $1.25.
Eight 50-lb. cases.....$15.00
Check with order 5% off.
Any quantity. Fresh stock. Prompt. Wire or write.

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MOST CENTRALLY LOCATED
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CUT FLOWER HOUSE
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Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. Try us.

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Everything in the line of Cut Flowers, Plants and Florists' Supplies.

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HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

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Choice Cut Flowers and Greens

Florists' Greening Pins

No florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11 000 pins.)
Price, per box, $1.50; 5 boxes for $7.00.

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Wholesale Florist, 1324 Pine St., St. Louis, Mo.

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Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN,

Wholesale Florist,
1312 Pine St., ST. LOUIS, MO.

Philadelphia.

STOCK SHORTENS BUT DEMAND IS LIGHT.

Stock has shortened up very materially the past week, there being a positive scarcity in some lines. This is very noticeable in roses, which now appear to be off crop in most of the varieties. If the business had any life to it there would be a great scramble for stock, but the demand continues very light. Carnations are an exception, they being offered very much in excess of the demand. The quantity prices are very low and enable the department stores to stock up and sell at ruinous figures, at least as compared to the price the majority of the stores are compelled to ask. Even the choice stock, such as gardenias and orchids, are moved with difficulty, selling at about half normal figures. Sweet peas of the Spencer type are becoming more plentiful and sell as well as anything at fair prices; they will be an important factor from this time on, as will daffodils, which in a week or so will flood the market. Paper Whites are considered well sold just now at $1 per hundred. Violets are much more plentiful, while lily of the valley is about normal. The demand in the stores is considered very light for the season. That flowers can be sold at a price, even now, is demonstrated by the department stores, who handle large quantities at their cut rate price. The Wanamaker counter in the basement appears to be more than an experiment and may be continued while the stock can be obtained at gift prices.

NOTES.

Voller's House of Flowers has added a new Ford delivery car to its service. It appears to be a very serviceable machine. The show windows at this establishment were very attractive the past week, one being filled with cattleyas and ferns and the other was a novelty window filled with colonial bouquets in bouquet papers from small to large sizes made of various fruits. One window of cigars and cigarettes and another of packages of gold tipped cigarettes, each with a gardenia boutonniere and labeled "Bouquets for Gentlemen," were very effective as a window attraction.

M. J. Brinton, of Christiana, Pa., has made a success of Lilium formosum planted in the chrysanthemum beds immediately after the crop was off. Planted out in this way results in much more satisfactory than in

Wholesale Flower Markets

PHILADELPHIA, Jan. 20.	Per 100
Roses, Beauty, extra	25 00@35 00
" " first	8 00@15 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	2 00@ 4 00
Cattleyas	35 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, Jan. 20.	Per 100
Roses, Beauty, special	30 00
" " fancy	20 00
" " extra	12 00
" " No. 1	8 00
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Sunburst	2 00@ 8 00
" Mrs. Aaron Ward	4 00
" Sweetheart	2 00
Carnations	2 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75
Violets	1 00
White Lilac, per bunch,	$1.00
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch,	35@40

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

WINDLER
WHOLESALE FLORAL CO.
1310 Pine St. ST. LOUIS MO.
Central 1474 Olive

MILWAUKEE, Jan. 20.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@10 00
" Ward, Taft, Sunburst	3 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Ophelia	5 00@15 00
" Richmond	3 00@10 00
Carnations	1 50@ 3 00
Lilies, per doz.,	$2 00
Snapdragon, per bunch, 25c @50c	
Valley	2 00@ 4 00
Violets	50@ 1 00
Stevia	1 00@ 2 00

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

pots or boxes, the growth being much stronger, and the flowers of the highest grade. Cold storage giganteums are also grown in quantity the year around.

The Ritz-Carleton flower shop of the Habermehls, which opened for business last week, is the last word in modern fixtures and appointments for a cut flower store.

American Beauty roses are still the feature with the Leo Niessen Co. High grade carnations and orchid peas are seen in quantity.

The Robert Craig Co. offers the finest stock of four-inch cyclamen it has ever had; they are splendid stock for running a special sale.

Edward Reid presents a new candidate for public approval, a red sport of Shawyer. The color is deeper than a well colored Russell.

Charles Henry Fox has been elected vice-president of the Young Republican Club, a strong political organization of this city.

Berger Brothers say the volume of business is helped by the low prices. Calla lilies and fancy sweet peas are features here.

The M. Rice Co. is preparing for a busy spring season. Valentine novelties are offered in great variety.

Henry A. Dreer is having a great run on table ferns. Cocos for centers are also a feature. K.

Boston.

TRADE SHOWS IMPROVEMENT.

Business took a change for the better this week. It was quiet during the first few days, but showed a decided improvement towards the end of the week. The cloudy weather we have been having seemed to shorten the supply. Roses were the most active line, the prices nearly doubling those of the previous week on short-stemmed stock. Carnations continue to drag a little, but Saturday, January 16, there was a good demand. Violets are very plentiful, and consequently prices on them are below normal. Sweet peas continue popular and bring very good money. Orchids, of all reasonable varieties, are very plentiful and hard to move. Bulbous stock, with the exception of spurs, are moving slowly and it looks now as if there would soon be an over supply. The quality is very good and shipments are becoming larger every day. The shipping business has picked up considerably and does much toward giving the business a brighter aspect. The plant trade continues very good, cyclamen being the best seller.

NOTES.

Wm. Elliott is shipping from his range at Madbury, N. H., a large supply of high grade roses. Sunburst, Killarney Queen, Killarney Brilliant and Cecile Brunner are his leading varieties at present. He is selling Plumosus nanus seeds, greenhouse grown, with very good results.

W. R. Morris, of Wellesley, Mass., is going to change his entire stock of roses for next season. He has already purchased Dark Pink Killarney, Killarney Brilliant, Russell, Hadley, Ophelia, Sunburst and Ward. Altogether he will purchase about 20,000 plants.

The carnations grown by A. Pembroke, of Beverly, Mass., are coming into a heavy crop. He is cutting some

From now on you will need more

EASTER LILIES

Get fresh fine stock from The Lily Grower of the middle West.
We also have fine
Adiantum Croweanum fronds at $1.00 per 100.

HOFFMEISTER FLORAL CO.
Lickrun, Cincinnati, Ohio.

Wholesale Flower Markets

BOSTON, Jan. 20.	Per 100
Roses, Beauty	5 00@35 00
" Killarney Queen	50@ 8 00
" White and Pink Killarney	50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 6 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	75@ 1 00
" medium	50@ 75
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, Jan. 20.	
Roses, Beauty, special, doz.,	$4 00
" " fancy, "	3 00
" " extra "	2 00
" " No. 1, "	1 50
	Per 100
" " No. 2	$3 00@ 5 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@ 8 00
" Hillingdon	4 00@ 6 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 8 00
" Taft	4 00@ 8 00
Lily of the Valley	4 00@ 5 00
Lilies	8 00@12 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	60@ 75
Daffodils	3 00@ 4 00
Freesia	3 00@ 4 00
Mignonette	3 00@ 4 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Stevia	1 00
Tulips	3 00@ 4 00
Asparagus, per bunch.. 35@ 50	
Asparagus Sprengeri... 35@ 50	
Ferns ..... per 1000. 2 00	
Smilax	15 00

CINCINNATI, Jan. 20.	
Roses, Beauty ..... per doz.	$1 00@$5 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	10 00
Asparagus Plumosus..per bch., 25c	
Carnations	2 00@ 3 00
Orchids, per doz	5 00@ 6 00
Violets	50@ 75
Narcissus (Paper Whites)	2 00
Sweet Peas	50@ 75

BERGER BROS.
DAHLIAS In large assortment, best varieties.
Choice Roses, Orchids, Valley, Lilies.
Send us a trial order.
Exceptional shipping facilities.
1225 Race St., Philadelphia, Pa.
Mention the American Florist when writing

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
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Complete Stock of Florists' Greens and Supplies
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Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.
Mention the American Florist when writing

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock, Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

ST. LOUIS, Jan. 20.	Per 100
Roses, Beauty, medium	8 00@12 50
" " short stems	4 00@ 6 00
" Killarney	3 00@10 00
" My Maryland	3 00@ 6 00
" White Killarney	2 00@ 6 00
" Aaron Ward	3 00@ 6 00
" Sunburst	3 00@ 6 00
" Milady	3 00@ 6 00
" Hadley	3 00@10 00
Valley	4 00
Carnations	1 50@ 2 50
Rubrum	8 00
Violets	40@ 60
Asparagus Sprengeri..per bu., 25@50	
Asparagus Plumosus..per bu., 25@60	
Harrisii	8 00@10 00
Ferns ..... per 1000, 1 75	
Leucothoe ..... per 100, 60	
Galax ..... per 1000, 1 25	

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Horticultural Importers and Exporters

90-92 WEST BROADWAY, NEW YORK

Our Motto: THE BEST THE MARKET AFFORDS.

Just Received
Hohmann's Famous Lily of the Valley Pips
Per 1000 from $12.00 to $16.00.

Lilium Formosum, 7-9 inch..	per case of 250 bulbs,	$15.00
Lilium Multiflorum, 7-9 inch	" " " 300 "	16.50
Lilium Giganteum, 7-9 inch.	" " " 300 "	16.50

of the best Delights and Matchless coming into the city. His Benora, Dagmar, White Wonder and Gorgeous are exceptionally fine.

J. Petros reports business as being very satisfactory at his new store at the corner of Massachusetts and Huntington avenues. He has a nice roomy store, well equipped, and from all appearances will make a success of his new enterprise.

J. T. Butterworth, So. Framington, Mass., is shipping to the Boston Flower Exchange a large supply of cattleyas and cypripediums. He also is cutting some very nice yellow tulips and Paper Whites.

N. Fishelson has opened a store on Harvard avenue, Allston, under the name of the Allston Flower Shop. Since he left Boston last year he has had stores in San Francisco and Montreal.

In addition to a fine line of carnations, W. D. Howard, of Milford, is cutting a crop of sweet peas. His salmon pink sport of Winsor and also Wards are coming very good at present.

Wm. Hannan & Sons, of Dorchester, are cutting a heavy supply of Dutch spurs. They also have a good supply of carnations, Matchless being their best variety.

Thos. J. Grey Co. are busy booking orders for their spring business. From all appearances business will be up to the standard, despite the dull times.

The finest Easter lilies coming to Boston are grown by Thomas Cox, of Dorchester. He also has cypripediums and smilax that are far above the average. F. L. W.

New York.

SHORTENING SUPPLY HELPS TRADE.

During the last days of the past week there was some improvement, due not so much to an increased demand as to a falling off in the supply. American Beauty roses are off crop and there are indications that they may yet be less plentiful, but the buyers balk at paying $50 for specials. The other roses have not advanced appreciably in prices, but they are moving more freely. Carnations are doing a little better. In lilies, lily of the valley and sweet peas, there is little change to note. Some very good tulips and jonquils are now seen, the asking prices for the best being at the rate of $3.50 and $4 per 100. Paper White narcissi are selling very cheap; 100 bunches of it were sold to one buyer recently for $5.

January 18.—In the early morning hours a heavy rain set in which continued throughout the forenoon, having a depressing effect on business.

NOTES.

The funeral of Chas. McTaggart, notice of whose tragic death appeared in our last issue, was held at the family home, 189 Kearny avenue, Kearny, N. J., January 13. A large delegation, mostly private gardeners, assembled at the store of W. E. Marshall & Co., New York, and proceeded to Kearny in a body. There were appropriate and touching funeral services conducted by Rev. Robert T. Graham, pastor of the Presbyterian church of Kearny. The pall bearers were. A. E. Wheeler and Harry Rute, of W. E. Marshall & Co.; Peter Duff, Thomas Adams and John Brown. Interment was at Arlington, N. J. There were a large number of beautiful floral tributes. Among those who went from New York to the funeral the following were noted: Thos. Adams, Jno. Brunger, Jas. Aitchison, Wm. Barclay, Robt. Berry, Jas. Bell, Ed. Benson, Wm. Bunny, J. Alexander, M. C. Ebel, A. F. Faulkner, Jno. Garvan, Jno. Hayes, A. Herz, Thos. Locke, Alex. McKenzie, Ewen McKenzie, Malcolm MacRorie, John McQueen, Jos. Marshall, Geo. Meadows, Geo. Mustol, Wm. Metzdorf, L. E. Oritz, Robt. Petrie, Owen G. Owen, P. W. Popp, Jas. Stuart, Martin Tillotson, Alex. Thompson, Geo. Thompson, Geo. Wilson, Ant. Wild, Andrew Wilson, S. H. Whitefield, Wm. Kayser. W. E. Marshall was in the middle west, 1,100 miles from New York, when he heard of Mr. McTaggart's death. He immediately returned but arrived too late for the funeral. He has now gone back to resume his business trip.

Charles Kelly, for the past seven years bookkeeper for M. C. Ford, 121 West 28th street, was stricken with paralysis while riding on an elevated train, January 8. He is under the care of physicians at his home, and is reported to be improving. Mr. Kelly was popular, not only with his employer and associates in the store, but also with many others in the street, and it is hoped that he will soon regain his health.

In addition to a great stock of fine roses, H. E. Froment is receiving a good supply of gladioli.

At the United Cut Flower Co. we note splendid yellow tulips and jonquils.

Wm. P. Ford is handling exceptionally fine sweet peas of the Spencer type.

M. C. Ford is receiving excellent stock of jonquils.

At John Young's we note a good display of tulips.

J. K. Allen is strong on the Freesia Purity. A. F. F.

Connecticut Horticultural Society.

The Connecticut Horticultural Society met in the County building, Hartford, Conn., Friday evening, January 8, Warren S. Mason of Farmington, the new president, in the chair for the first time. President Mason announced the following committees: Executive Committee—J. F. Huss, G. H. Hollister, W. W. Hunt, C. H. Sierman, Oscar Gritzmacher. Publicity Committee—James M. Adams, Edward Brassill, Alfred Dixon.

President Mason exhibited a fine collection of camellias in various colors, Charizenia illicifolia and Clerodendron Balforni, from the conservatories of Mrs. A. A. Pope of Farmington, and Alex Cummings, Jr., of the Pierson greenhouses of Cromwell exhibited rare specimens of Buddleia Asiatica. G. H. Hollister, C. H. Sierman and Frank Roulier were appointed judges and awarded a cultural certificate on the exhibit of camellias and Buddleia Asiatica.

President Mason advocated a spring or early summer flower show to be given for the benefit of the Red Cross or some similar society. This brought out a general discussion and much enthusiasm for the project. The executive committee was instructed to meet at once and make plans for the proposed exhibit. The general impression was that the last of May or mid-June would be a good time, as there would be an abundance of roses, peonies, perennials, etc., as well as greenhouse plants. Several new members were elected to membership.

Rochester, N. Y.

At the annual meeting of the ladies' auxiliary of the Rochester Florists' Association held January 12, the following officers were elected: Mrs. Fred Vick, president; Mrs. H. W. Wilson, vice-president; Mrs. E. P. Wilson, secretary; Mrs. E. R. Fry, treasurer.

The sixtieth annual meeting of the Western New York Horticultural Society will be held in this city, January 27-29.

READING, PA.—John H. Giles, florist, has purchased a 48-acre farm near Sinking Spring, Pa.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

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WHOLESALE
GROWER AGENT
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J. K. ALLEN
Established 1878
108 West 28th Street
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Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses. LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
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F. R. SNYDER
RHINEBECK, - N. Y.
Grower of
"Marie Louise" Double
VIOLETS
Best stock. Prompt service.
Reasonable prices.
Send your orders.

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101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
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Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

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Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Wholesale Flower Markets

	Per 100
NEW YORK, Jan. 20.	
Roses, Beauty, special	30 00@40 00
" " extra and fancy	20 00@25 00
" " No. 1 and No. 2	5 00@10 00
" Alice Stanley	1 00@12 00
" Prince d'Arenberg, special	10 00@12 00
" Francis Scott Key, special	10 00@12 00
" Mrs. Geo. Shawyer, special	4 00@ 8 00
" " extra	3 00@ 4 00
" " No. 1 & No. 2	50@ 1 50
" White Killarney, special	4 00@ 5 00
" Killarney, My Maryland	
" special	5 00@ 6 00
" No. 1 and No. 2	1 00@ 2 00
" Queen, special	3 00@ 8 00
" Brilliant	1 00@ 8 00
" Aaron Ward	1 00@ 8 00
" Richmond, special	5 00@ 8 00
" Sunburst	1 00@ 5 00
" Taft	1 00@ 6 00
" Milady, special	5 00@ 6 00
" J. L. Mock	3 00@10 00
" Hadley	6 00@20 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	1 50@ 3 00
Cattleya Orchids, special	25 00
" inferior grades	8 00@15 00
Jonquils	2 50@ 4 00
Lilies, Longiflorum and Harrisii	5 00@ 8 00
Lily of the Valley	2 00@ 2 50
Tulips	2 50@ 3 50
Violets	25@ 35
Gardenias....per doz.	$1.00@$2.00
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	2 00
Smilax.....doz. strings.	1 00@ 1 25
Paper White Narcissus	40@ 50
Sweet Peas, per doz. bunches.	75c@1 00
" " Spencer type	1.50@2.00

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
Phones: Madison Square 594-4422.
We solicit consignments of cut flowers of all kinds
Books open for inspection.
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WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
57 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
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Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising.
V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing

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A. L. Young & Co.
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Consignments Solicited

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New Orleans.

New Orleans florists joined the campaign to beautify New Orleans January 11, when nearly a score of them met at the Association of Commerce in response to a call sent out and pledged their aid to those in charge of the movement. The florists will direct their energies to teaching citizens how to beautify their premises, plant shrubbery in their front and back yards, make lawns, set trees along the sidewalks in front, and put pot plants on the galleries and in the windows of the homes.

Among the florists attending the conference, who were addressed by J. F. Carter, Jr., were G. W. Eichling, Paul Abele, J. G. Schattmaier, J. H. Bierhorst, Peter A. Chopin, E. A. Farley, Herman C. Doescher, J. G. Quinette and E. G. Fleckt.

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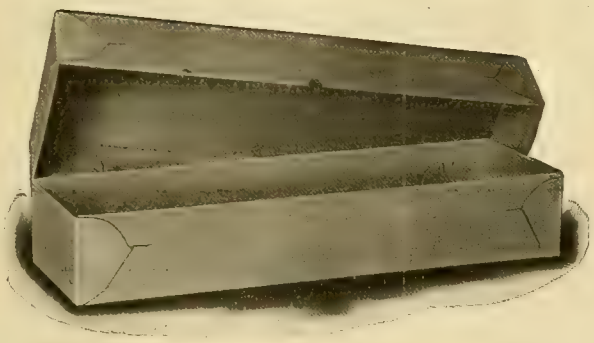

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Tarrytown Horticultural Society.

The sixteenth annual dinner of the Tarrytown Horticultural Society held at the Florence Inn, January 12, was without a doubt, the best ever held under the auspices of this society. The dining room was handsomely decorated with the choicest flowers, and when the members and friends had taken their places there was not a vacant chair. John F. Dinkle acted as toastmaster, and after President William Jamieson welcomed the guests to the festal board, Frank R. Pierson extended a welcome on behalf of the village of Tarrytown to all of the guests, and commended the society for the excellence of all its affairs, exhibitions and dinners. He referred to the flourishing condition of the society and said that it now had $2,000 in its permanent relief fund, which sum was to be invested and the interest used to further the work of the society. He said the society was on "easy street" and had never known a deficit. Letters of regret were read from Assemblyman Walter W. Law, Jr., The Monmouth Society, W. J. Stewart of Boston, Mass., J. Austin Shaw, R. A. Patteson, W. R. Cobb and A. P. Cobb.

As the cigars were being passed, the Rev. J. J. Henry was introduced, and interpolated a supply of witty stories with thoughts from the serious side. Senator Charles P. McClelland spoke of the conflict abroad, and as he closed proposed a toast to "Our Country," and this was followed by singing "America" with much enthusiasm. Judge Arthur S. Tompkins, of Nyack, N. Y., was next introduced and gave one of the most inspiring addresses ever listened to in Tarrytown. He spoke earnestly on gatherings and affiliations that make for brotherly love and fraternity, and that more of that spirit, and the spirit of charity and comradeship would bring about co-operation and success. Judge Tompkins was warmly applauded and his address was listened to with closest attention. Other speakers of the evening were Hon. Frank L. Young, Ossining, C. H. Tibbitts, White Plains, John J. Sinnott, Charles D. Millard and Wallace Odell. The sixteenth annual dinner set a high mark, and it will only be surpassed by another Tarrytown Horticultural Society dinner.

Holyoke and Northampton Club.

The monthly meeting of the Holyoke and Northampton Florists' and Gardeners' Club was held in Amherst, Mass., at the home of that fine old veteran gardener, Thos. Foulds, on the evening of January 12. It is the custom for the members of this club to hold their monthly meetings at each other's places of business or greenhouses. Owing to age and failing health, Mr. Foulds has not been able to attend any of the meetings for the past year, so the club decided to hold their January meeting at his home. His gentlemanly character and kindly disposition have won the love of all the members while his broad acquaintance and love of plants, together with his helpful talks, has been an inspiration. E. H. Downer of the Smith College botanic gardens had an excellent paper on herbaceous perennials which caused much discussion. Mr. Sinclair exhibited some fine blooms of the newer carnations from his new Smith's Ferry greenhouse and was awarded a first class certificate of merit. Mr. Carey, of South Hadley, also showed carnations and was awarded a certificate. Although there was an icy rain storm all the evening, some fifteen members were present, and five new candidates were elected to membership. Mrs. Foulds and daughters provided refreshments, and it was one of the most enjoyable evenings the club has had.

E. J. C.

Tri-City Florists' Club.

The Tri-City Florists' Club met in regular session at the residence of Julius Staack, with a large attendance. President John Staack called the meeting to order. In addition to the general order of business, the constitution and by-laws were revised to better meet the requirements of the club. The entertainment committee brought in their report in favor of a stag banquet to be held at the Harper house, Rock Island, Ill., January 22. A committee for the nomination of officers for the ensuing year to report at next meeting was appointed by the chair as follows: Wm. Knees, James Hansen, Henry Staack, Ed. Allchin and R. M. C. Rohlfs. The club members then enjoyed a social hour with lunch and refreshments, and after extending a vote of thanks for their hospitality to their host and hostess, the club adjourned to meet at the residence of Henry Pauli, Davenport, Ia., February 11, 1915.

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.

Trade discounts. First-class stock.

GEORGE RYE

"Some Florist"

16 N. 6th St., **Ft. Smith, Ark**

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

Cleveland, O.

The JAMES EADIE CO.

Store—927 Euclid Avenue.

Frank J. Schoen. Frank R. Friedley.

Greenhouses—95 Shaw Avenue.

We Aim to Please Our Customers.

DENTON FLORAL CO., S. W. KANADY, Mgr. **DENTON, TEX.**

Careful attention to packing for deliveries to all Southern and Middle States.

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1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas.

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

SIMMONS & SON, TORONTO

CANADA'S LEADING FLORISTS

F. T. D. Members 266 Yonge St.

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Funeral Emblems Cut Flowers

Brown Bros. & Co.,

Ltd.

FLORISTS, NURSERYMEN AND SEEDSMEN

Bulbs Seeds

48 Hastings St., E.,

Vancouver, B. C.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Deliver

Samples Free.

Fill Your Empty Benches Now With

GLADIOLUS

WE are **Growers** of this stock in quantity and the bulbs we ship for forcing under glass are especially selected for this purpose. We have a **first extra** grade for counter.

Besides the following standard kinds, most of which we can offer in two sizes (both flowering), we carry nearly all standard kinds and many fancy imported novelties secured by our Mr. Vaughan last year in Europe.

	Per 1000
Mrs. Francis King, First size	$10.00
Mrs. Francis King, Medium size	8.00
Augusta, First size	12.00
Augusta, Medium size	10.00
Chicago White, First size	30.00
Chicago White, Medium size	25.00
America, First size	12.00
America, Medium size	10.00
Florist XXX, mixed	15.00

We Can Quote Special Prices on Quantities of Several Kinds.

We are in position to quote all Seedsmen and Florists who are interested in **Gladiolus,** either forcing, for counter trade, or for outdoor planting, all sizes from **EXTRAS** down to the smaller grades.

PLANTING STOCK. Of several leading kinds we can supply **planting stock,** white bulbs under one inch and small black bulblets by the bushel.

Ask for 1915 Book for Florists. It's a Good One.

Special Flower Seed Price List—all Early Stocks. Ask for it.

I regard Mrs Francis King as the best florists' variety of its color. Its wonderful profusion of bloom and firmness of its petals makes it a great favorite all along the New Jersey Coast with the cottage people as a cut flower

EDMUND, G. COMEY, Dealer in Cut Flowers.
Long Branch, N. J.

VAUGHAN SEED STORE, CHICAGO NEW YORK.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

W. ATLEE BURPEE, Philadelphia, Pa., sailed for Costa Rica on a brief vacation trip January 16.

FOREIGN seed shipments are arriving very slowly and delaying badly the completion of wholesale stocks.

GRAND RAPIDS, MICH.—Thirty-three sacks of garden seeds were cleared at the customs house January 12 for the A. J. Brown Seed Company.

L. W. WHEELER, of the Pieters-Wheeler Seed Co., writing from Gilroy, Calif., January 15, says that "crop prospects for 1915 so far are good."

FRENCH BULBS.—Advices from Toulon, France, the middle of December, indicate that the market again will be fixed on the annual reunion of the syndicate.

LOUISVILLE, KY.—United States Commissioner Arthur Cox has rendered a decision to the effect that R. B. Hutchcraft, of Paris, Ky., seedsman, is a bankrupt.

THE meeting of the executive committee of the American Seed Trade Association called for January 20, at Chicago, has been postponed to some future date.

SOME big lots of German lily of the valley have arrived in Dutch boats, badly sprouted, mostly a total loss. Stock arriving in Danish boats is reported to have fared better.

WHOLESALE seed orders in the west are reported as coming in freely. The amount of money spent for telegrams and postage on inquiries for beans unobtainable is difficult to compute.

ABERDEEN, S. D.—The program has been issued for the second annual South Dakota corn and alfalfa convention which will be held in this city during the week of February 8-15.

F. H. HENRY, of Henry & Lee, New York, who has just returned from a six months' visit to Japan, says the possibilities of that country seeking a quarrel with the United States are very remote.

THE decision in the Buckbee-Hohenadel case, details of which appeared in our Seed Trade Department last week, pages 1370-1372, has greatly interested both seed growers and seed dealers.

CHICAGO.—Prices for grass seed on the Board of Trade January 20 were as follows: Timothy, $6.00 to $7.25 per 100 pounds.—A. H. Goodwin, of the W. W. Barnard Co., is making an eastern trip.

THE national canners and corn packers were in session at the LaSalle hotel, Chicago, January 20. The seedsmen in attendance included representatives of the Leonard Seed Co., the W. W. Barnard Co., Chicago; The Jerome B. Rice Seed Co., Cambridge, N. Y.

GARRISON, N. D.—The Missouri Slope Seed Company has been incorporated by Geo. L. Robinson, Alex Slagg, both of Garrison, and George Barrow, Emmet, N. D. Capital $5,000.

VISITED CHICAGO: A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; L. L. May, of L. L. May & Co., St. Paul, Minn.; Wm. Fosgate, Santa Clara, Calif.; R. C. McGill, of the McGill Seed Growers' Co., San Francisco, Calif.; Chas. Loechner, of Loechner & Co., New York.

POTATOES.—White potatoes at Chicago January 15 sold at a decline of 3@5c a bushel, making the lowest prices in several weeks. Receipts were posted at only 25 cars, but buyers would not take hold, except at big concessions, claiming they had more stock on hand than they needed for immediate needs. Sales were made at 35 to 42 cents a bushel on track, with only one car at the outside price.

BIRMINGHAM, ALA.—The property of the McVay Seed Co., consisting of the stock and fixtures, was sold at public auction, January 11, by order of the bankrupt court and was bid in by J. H. Perdue, the purchase price being $2,900. The sale was confirmed by Judge E. H. Dryer, referee in bankruptcy. The company has been reorganized and incorporated as the McVay Seed and Floral company, and is ready for business at 2018 First avenue. The officers of the new company are: Dr. R. B. Mobley, president; J. H. Perdue, vice president; R. V. Harris, secretary and treasurer. The new company has $10,000 capital stock already paid in.

Barrel Standardized By Law.

Washington, D. C., Jan. 13.—For the first time in history the federal government will exercise its constitutional control of the weights and measures of the country under a bill agreed to today by the house and which already has passed the senate establishing a standard barrel for fruits, vegetables and other dry commodities.

The standard barrel bill provides for a barrel with 28½ inch staves and 17⅛ inch heads made of material not thicker than four-tenths of an inch. However, any barrel having a capacity of 7,056 cubic inches will be considered standard. A separate standard is fixed for cranberry barrels.

A fine of $500 or imprisonment for six months is the penalty for violation.

Commission Seed Dealers Exempt.

We are indebted to Kirby B. White, of D. M. Ferry & Co., Detroit, Mich., for the subjoined ruling of the treasury department in the matter of imposing revenue tax on commission seed dealers regarding which we have had numerous inquiries recently.

Treasury Department,
Washington, December 7, 1914.

Sir:—Referring to your personal visit to this office relative to the alleged liability of the customers of D. M. Ferry & Company through their method of handling goods of that firm, you are advised that it is the understanding of this office from your statements and papers submitted that D. M. Ferry & Company receive orders from druggists, country merchants and others for boxes of assorted seeds which are furnished them upon an agreement or contract that the seeds sold shall be paid for at the end of the season, less certain specified discounts, and that unsold seeds may be returned to D. M. Ferry & Company.

The question of the status of a transaction of this character has been before the supreme court of the state of Alabama, which decided in effect that such transactions did not involve liability as commission merchants, in which view this office concurs, and it is, therefore, held that special tax liability as commission merchants is not incurred by customers of D. M. Ferry & Company under the act of October 22, 1914, and under conditions noted.

Respectfully,
W. H. OSBORN, Commissioner.

TWIN FALLS, IDAHO.—The Jerome B. Rice Seed Co. is in the market for a large acreage of peas for the coming season. The local manager, A. E. Wilson, stated that his company would endeavor to secure 3,000 acres on the tract for the coming season. In the St. Anthony territory the company has secured contracts for more than 4,000 acres for the coming year. Mr. Wilson stated that the soil and climate on the Twin Falls tract was ideal for pea raising. The contract price for peas which the farmer will raise this coming season is somewhat higher than last year.

Pieters-Wheeler Seed Company

Growers of High Grade SEED
Gilroy, California

P-W

Onion, Lettuce, Radish, Sweet Peas Etc.
Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Improved White Spine Cucumber.

grown under irrigation by

Western Seed & Irrigation Co

Seed Growers and Dealers, Specialties:
Cucumber, Musk and Watermelon.
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - NEBRASKA

Thorburn's

SEEDS AND BULBS

ARE you interested in Freesia Purity Bulbs (first size) at two dollars per hundred, or twelve dollars per thousand?

Ask us about our "below-the-market" specialties and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

THE KIMBERLIN SEED CO.

Wholesale Seed Growers **SANTA CLARA, CAL.**

Growers of

ONION, LETTUCE, RADISH, ETC.

Correspondence Solicited.

Mention the American Florist when writing

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,

1004 Betz Bldg., Philadelphia, Pa.

Card brings a Catalogue

ALL VARIETIES THOROUGHLY TESTED

It is the policy of Jas. Carter & Co., to thoroughly test every strain of flower or vegetable. Not until satisfactory results are shown by actual growing are they listed in the Carter Catalog.

That is why Carter's Tested Seeds are so reliable and true to description.

If you have not examined the 1915 Carter Catalog—American Edition—write at once for your copy.

CARTER'S TESTED SEEDS, Inc.
125 Chamber of Commerce Bldg., Boston, Mass.
Branch at Seattle, Wash.
In Canada, 133 King St. E., Toronto.
Branch of JAS. CARTER & CO., RAYNES PARK, ENGLAND

Carters Tested Seeds

"The Seeds with a Pedigree"

Mention the American Florist when writing

FLOWER SEEDS For Early Sowing

Complete List for the Asking.
10 per cent discount for Cash.

THEY'RE FRESH	T. P.	Oz.
Ageratum, blue	$0.10	$0.25
Alyssum Little Gem	.10	.45
Aster Queen of Market, Mixed	.10	.50
Begonia Erfordii	.25	
Cobaea Scandens, purple	.10	
Dracaena Indivisa	.10	.25
Forget-Me-Not Victoria	.15	.80
Mignonette Machet	.10	.50
Petunia, California Giants	.25	
Salvia Splendens	.15	1.00
Salvia Fireball	.25	

CROP OF 1914	T. P.	Oz.
Lobelia Speciosa	$0.10	$0.50
Lobelia Crystal P. Comp	.15	1.25
Pyrethrum Aureum	.05	.25
Smilax	.10	.25
Snapdragon, Giant	.10	.30
Stock, Cut and Come Again	.25	
Stock, Ten Weeks, mixed	.25	
Stokesia Cyanea	.15	
Thunbergia	.10	.40
Verbenas, Mammoth	.15	1.00
Vinca, mixed colors	.10	.40

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing

BEANS, PEAS, RADISH

and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS

GROWERS FOR THE TRADE
Write for Prices

Mention the American Florist when writing

L. FORMOSUM

7-9 in., 9-10 in., 10-11 in., 11-13 in.

Also Japan Grown FREESIA, ⅛ and ¾ in.
Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

Woolworth Bldg., New York City

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners.

Giant Pansy Seed

Kenilworth Mixture
Kenilworth Show
Bronze Shades
Masterpiece, curled, wavy
Orchid-flowered, mixed

1000 seeds, 25c; 5000, $1.00; ¼ oz., $1.25; 1 oz., $5.00.

Giant Red	Giant Royal Purple
Giant Light Blue	Giant Emperor William
Giant Dark Blue	Giant King of the Blacks
Giant Zebra	Giant Lord Beaconsfield
Giant McKinley	Giant Yellow, dark eye
Giant Adonis	Giant Yellow
Giant Psyche	Giant White, dark eye
Giant Mme. Perret	Giant White

For fuller description send for catalogue.

1000 seeds, 25c; 5000 $1.00;
¼ oz., $1.25; oz., $5.00.

Princess (new, upright), **Pansy.**
500 seeds, 25c;
1000, 50c;
oz., $10.00.

CHAS. FROST Kenilworth N.Y.

Vaughan's 1915 Spring Book for Florists

Should be in the hands of every plant grower. **Flower Seeds, New Roses and Carnations.** All **Cannas** are offered. Write for it at Chicago or New York.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds — Baltimore, Md.

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

Mention the American Florist when writing

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited. Swedesboro, New Jersey

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

WAR Reduces cost of Valley Pips. New imports now ready.

Bruns' Celebrated Chicago Market

BEST VALLEY IN EXISTENCE.

$14.00 per 1000. $7.50 per 500.

4.00 per 250. 1.75 per 100.

COLD STORAGE VALLEY for February and March.

$18.00 per 1000. $9.50 per 500. $5.00 per 250.

H. N. BRUNS 3032 W. Madison St. CHICAGO, ILLINOIS.

CONRAD APPEL, Darmstadt, Germany

ESTABLISHED 1789.

NATURAL GRASS SEEDS with guaranteed analysis as per Zurich tests and norms.

GRASS SEED MIXTURES for MEADOWS and LAWNS.

Clover, Agricultural and Forest Tree Seeds.

Agents: LOEWITH, LARSEN & CO., 150 NASSAU STREET, NEW YORK.

The present war does in no way prevent the prompt and most careful execution of all orders via neutral ports.

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and German.

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Surplus Beans.

We have an estimated surplus of about the following amount of Beans:

300 lbs.	Seibert's Lima	8c per lb.
200 "	King Lima	8c "
240 "	Stringless Green Pod	10c "
100 "	Hopkins Valentine	10c "
200 "	Currie's Rust Proof	10c "
100 "	Refugee or 1000 to 1	10c "
700 "	Davis White Kidney Wax	11c "

This is all crop of 1913. Will sell them at prices named, subject to usual seed trade conditions and subject to being unsold upon receipt of your order.

Henry Field Seed Co.

SHENANDOAH, - - - IOWA

Mention the American Florist when writing

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK. and Orange, Conn.

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.

Peas and Beans, Michigan Grown.

Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

Mention the American Florist when writing

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

BRUNNINGS
Leading Suppliers of
EUCALYPTUS
and Acacia Seeds
P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Before Placing Orders for **SWEET PEAS, Spencers, Grandifloras, etc., ASTERS** and **FLOWER SEEDS** in general; **TOMATO, LIMA** and **POLE BEANS,** write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting **ONION SETS.**
Schilder Bros., CHILLICOTHE, OHIO.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

CHOICE
German Flower Seeds
Catalogue Free on Application
Fredrick Roemer, SEED GROWER
QUEDLINBURG, GERMANY.

TOMATO SEED
Grown For The Wholesale Seed Trade.
Contract orders now being booked for delivery after harvest, 1915.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Extra Choice Seeds
A Few CHOICE SPECIALTIES in SEEDS and DELPHINIUM PLANTS, offered by
Blackmore & Langdon
BATH, ENGLAND.
ALL SAVED FROM CHOICE SELECTED PLANTS

BEGONIA SEED. In sealed packets. **Varieties for Hanging Baskets,** 25c. and 40c. per pkt. **Large-flowering Double,** 40c. and 80c. per pkt. Also in trade pkts., $1.25, $2.56, $5.15, $10.30. **Single,** 16c., 40c. and 80c., and trade pkts., $1.25, $2.56, $5.15, $10.30. **Single,** in six separate colors, White, Pink, Rose, Scarlet, Crimson, Yellow, 80c.

AQUILEGIA, Special Long-spurred, in all best shades of color. $1.00 and $2.00 per doz. pkts.; $1.25 per oz.

CYCLAMEN. Very choice, in mixed colors. $6.09 per oz. Pure White, extra fine, $7.30 per oz.

DELPHINIUM, extra choice. Saved from our **Gold Medal Collection of best named varieties.** 50c., $1.00 and $2.00 per doz. pkts.; 75c. per oz.; $7.30 per lb.

POLYANTHUS. No better can be bought. Mixed, $1.83 per oz.; $1.00 and $2.00 per doz. pkts.; White, Yellow and Fancy, $2.56 per oz.; Crimson, $3.65 per oz.

PANSY, Extra Selected. From Bath's Empress Strain. $1.00 and $2.00 per doz. pkts.; $3.68 per oz.

Special Trade Offer of **Begonia Tubers,** various **Seeds, Delphinium Plants,** and Retail List of Choicest **Named Double Begonias, Basket Begonias, Delphiniums,** etc., etc., free on application.

DELPHINIUM ROOTS. $2.00, $2.45, $2.92, $3.65 and $4.87 per doz.

Blackmore & Langdon, Bath, England

Mention the American Florist when writing

EUROPEAN SEEDS
Kelways Can Quote and Deliver:

Beet	Cauliflower	Lucerne	Rape	Spinach
Cabbage	Celery	Mustard	Rutabaga	Turnip
Carrot	Kale	Radish	Winter Tares or Vetches	
And Flower Seeds			Spring Tares	

Those who have formerly placed their orders in other quarters will like, under present circumstances, our prices. Please write at once while stocks last, both for present delivery and for delivery later, and on contract for next fall. British sailings continue all the time.

KELWAY & SON, Seed Growers To The Trade. **Langport, England**

Mention the American Florist when writing

Henry Fish Seed Co.
Bean Growers for the Wholesale Seed Trade
CARPENTERIA, CALIF.
Mention the American Florist when writing

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Send for Wholesale Fall Catalogue.
Mention the American Florist when writing

QUALITY SEED BULBS PLANTS
SEND FOR CATALOGUE
ARTHUR T. BODDINGTON
342 West 14th St., New York

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

LIVE OAK, CALIF.—Fire destroyed the home of A. E. Davis, nurseryman, January 3. Loss, $1,000.

ST. PAUL, MINN.—L. L. May & Co. report their sales of nursery stock to date exceed last season's business to date by 35 per cent.

DURANT, OKLA.—At the annual meeting of the directors of the Durant Nursery Co., January 6, W. A. Wagner was chosen as manager.

JACKSONVILLE, FLA.—The American Spineless Cactus Co, has incorporated with headquarters in this city, and will soon establish a nursery of five acres.

KALISPEL, MONT.—The Montana Horticultural Society held its annual meeting in this city January 19-21. It was one of the best meetings the society has held.

HEYWORTH, ILL.—Frank Johnson, who has been identified with the Phoenix Nursery Co., at Normal, Ill., for 25 years, is contemplating the establishment of a nursery here.

RICHMOND, IND.—Park Superintendent Ford and City Forester Spray, have suggested to the board of public works the establishment of a nursery in Glen Miller park for the purpose of raising shade trees.

HOUSTON, TEX.—Griffing Bros., nurserymen, of Port Arthur, Tex., with branches all through the South, have opened a Houston branch, at Lowell street and Montrose boulevard. Henk Dirken is manager of the local branch.

GREENSBORO, N. C.—The war in Europe has almost completely paralyzed the commerce of France and some of the other countries involved, but not quite. A shipment of 35,000 apple trees, just imported from France by a local nursery, is evidence that they are still doing some business over there.

Johnny Appleseed Monument

Johnny Appleseed, historic character of pioneer days, who went about over Ohio planting apple trees, will have a monument erected in his honor, if the plans of the horticultural society of Ohio State University prove successful. At a recent meeting, this organization voted to solicit donations from horticulturalists of the state for this purpose. For years, there has been talk of erecting a monument to this well-known character, but heretofore nobody has pushed actively the campaign for subscriptions. The society proposes to rush the campaign, however, and already has started the collection of money.

The body of Johnny Appleseed at present lies in an unmarked grave near Indianapolis. The students who are interested in apple culture deem it a shame that this man who did everything in his power to make Ohio a leading state in the raising of apples, should be unremembered.

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.
Mention the American Florist when writing

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.
Mention the American Florist when writing

Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
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All well branched, bright and clean. The two and three year grades have been cut back one or more times. Very attractive prices for car lots for prompt acceptance. Prices will be advanced February first.
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9 inches	3	$ 5.00	$40.00
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15 inches	3	10.00	75.00
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10-12 inches	2-3	8.00	

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Seedlings ready Feb. 15		$ 6.00
2½-inch	$ 3.00	25.00
4 -inch	12.00	
Asparagus Sprengeri—		
Seedlings from flats, 2-inch		4.00

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3-inch pots	$0.15	$ 1.25	$ 8.00
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7-inch pots	1.00	10.00	75.00
8-inch pots	1.25	14.00	100.00

Kentia Fosteriana— Size pot	Leaves	Height	Each	Doz.
6-inch pots	5-6	30-32 ins.	$ 1.50	$17.00
7-inch pots	6-7	36-40 ins.	3.25	
10-inch pots	6-7	60 ins.	8.00	

Kentia Fosteriana—Made up.	No. of plants	Height		
7-inch	3	28-30 ins.	2.50	27.50
7-inch	3	30-34 ins.	3.00	32.50
8-inch	3-4	34-38 ins.	4.00	45.00
10-inch		70-74 ins.	15.00	
Phoenix Canariensis—				
7-inch		28-30 ins.	1.50	
Pandanus Veitchii—				
4-inch pots—3 for $1.65			.60	6.00
6-inch pots			1.50	

BEGONIAS.

	Per 100	Per 1000
Glory de Chatelaine, March delivery, 2-in.	$ 6.00	$ 50.00
Glory of Cincinnati, May delivery, 2-in.	18.00	160.00
Glorie de Lorraine—May delivery. 2-inch.	14.00	120.00

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	2 years Doz.	2 years Per 100	3 years Doz.	3 years Per 100
Ampelopsis Veitchii	$1.75	$12.00	$2.00	$15.00
Clematis—Henryii, Jackmani, Mad. B. Viellard	3.00	20.00	4.20	30.00
Paniculata	1.50	10.00	2.00	15.00

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Greenhouses: Western Springs, Illinois.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

THE FIFTH annual convention of the Vegetable Growers' Association of New York will be held at Ithaca, February 9-12.

TOPEKA KAN.—The Kansas State Horticultural Society has for distribution a number of volumes of Nos. 27, 28, 29 and 32, which contain papers of interest to truck and fruit growers. These volumes will be sent free to those writing the secretary, J. L. Pelham, Topeka.

Prices of Indoor Fruits and Vegetables.

Chicago, January 19.—Mushrooms, 40 to 60 cents per pound; lettuce, 18 cents to 22 cents per box; radishes, 25 cents to 40 cents per dozen bunches; asparagus, $2.00 per dozen bunches; celery, 12 stalks, 7½ cents to 20 cents; cucumbers, $1.50 per dozen.

New York, January 19.—Cucumbers, $1.00 to $1.50 per dozen; mushrooms, 75 cents to $1.50 per 4-pound basket; tomatoes, 15 cents to 20 cents per pound; radishes, per 100 bunches, $2.00 to $3.00; lettuce, per strap, $1.00 to $1.50.

Vegetables Under Glass.

ED. AMERCAN FLORIST:

In growing lettuce in greenhouses, how many years can the same soil be used if it is covered with manure through the summer months and kept well wet down? Do the larger growers adopt above plan? Would it be possible to grow a crop of cauliflower in the greenhouse during the fall months? I would like to have it ready for market about November 1 to November 15. Any information as to the time to sow seed, kind of seed, time to move inside, distance apart to set plants and kind of soil, would be appreciated. Do the large lettuce growers let their houses lie idle in summer? If not, what to they grow in vegetables? Is it too warm for tomatoes?

MISSOURI BEGINNER.

Lettuce growers as a rule believe that the soil in greenhouses improves with age if properly cared for. There are several points to observe: First, keep adding enough manure annually to provide plenty of humus. Second, supply a proper amount of lime to avoid acidity. Third, use liberally acid phosphate or bone meal to supply phosphates, of which the manure is deficient. Fourth, practice good sanitation, which means the prompt removal of all crops and residues to avoid diseases. It is generally best to apply the lime in the fall and the phosphatic elements in the spring to separate them as much as possible, as they are unfriendly elements.

In regard to cauliflower, it would be perfectly practical to grow a crop in the fall if the houses, soil and especially the grower are right. Such varieties as Snowball require about 90 days to maturity. All cauliflowers are exceedingly sensitive to checks, which cause them to button and bolt to seed, hence the plants need close attention. Some growers resort to potting the young plants to make the final transplanting easier. If cauliflower plants are allowed to grow too large before transplanting to permanent beds, success is seldom obtained—keep the young plants growing from the first and transplant as soon as of nice size. Cauliflowers require a very rich soil and much water. Growers prefer cow manure to any other material, to which should be added a fair allowance of bone meal. Distance apart can be 18x18 inches or a trifle less.

Large growers keep their houses busy most of the time. Cucumbers generally follow lettuce and these cucumbers are carried down to the point when the outdoor crop breaks the market. Tomatoes answer the same purpose—the choice depends upon market conditions, or overhead room in the houses. Cucumbers, of course, require much more room, as they are grown up right under glass. Where the heat is too intense in summer a little shade on the glass will benefit either cucumbers or tomatoes.

MARKETMAN.

Westchester and Fairfield Hort. Society.

Installation of officers was one of the features of the monthly meeting of the society held in Doran's hall, Greenwich, Conn., January 8. The officers for the ensuing year are as follows: W. J. Sealey, president; Wm. Morrow, vice-president; Robert Williamson, treasurer; J. B. McArdle, secretary; P. W. Popp, corresponding secretary. The executive committee is composed of the following: James Stuart, Ewen MacKenzie, Wm. Morrow, Thos. Ryan, Jas. Foster and J. T. Burns.

All monthly meetings for the ensuing year will start promptly at 7:30 p. m., thereby enabling those who come from a distance to attend the meetings and stay until the business session is finished, before leaving. Two new members were elected and several proposals for membership were received and filed. A very satisfactory report was received from the executive committee and placed on file. It was decided at this meeting to hold the annual summer show, the time and place to be definitely settled at the next meeting. A committee was also appointed to make all arrangements for the annual entertainment and dance, to be held in February. The date and location of the hall will be announced at an early date.

The prizes offered by J. B. McArdle, seedsman, Greenwich, Conn., for the best 18 carnations, six each of three varieties, caused a wonderful display to be placed on the exhibition tables. All of the old favorites, as well as the novelties of recent introduction, were shown in the greatest profusion, and of a quality not to be surpassed anywhere. The judges awarded the first prize to Thos. Ryan; second prize to John Canning; third prize to Robt. Grunnert. The other competitors were each acorded a hearty vote of thanks for their splendid display. In the non-competitive class, the judges made the following awards: Samuel Bachelor, manager of the Amohat Greenhouses, Mamaroneck, N. Y., vote of thanks for each of several very fine vases of carnations and a cultural certificate for a grand vase of Carnation Gorgeous; Thos. Ryan, vote of thanks for a vase of mixed carnations; P. W. Popp, vote of thanks for a vase of carnations, variegated yellow sport of Mrs. C. W. Ward; vote of thanks to Thos. Aitchison for display of carnations; A. Wynne, highly commended for vase of seedling carnations; Carl Hankenson, vote of thanks for a vase of Pink Killarney roses; A. L. Marshall, highly commended for a grand vase of cut orchid blooms, lælias in variety; Robt. Williamson, for specimen cypripedium was highly commended. A bunch of rhubarb and plate of tomatoes from Robt. Grunnert were awarded a vote of thanks. A specimen plant of Buddleia Asiatica from P. W. Popp was given a vote of thanks.

The lecturer for the evening was Neil Morrow Ladd, president of the Greenwich Bird Protective Society, who spoke in a very convincing manner, and the beautifully colored views which were projected on a screen were true to life and showed the various methods of attracting the birds, the feeding during severe weather, and the various devices used for feeding and sheltering. The subject is worthy of serious consideration by the members of our profession. A rising vote of thanks was extended to the speaker for his interesting lecture. The subject of the lecture scheduled for the next meeting will be "Coniferous Trees," by James Kelley of Mt. Caanan, Conn. The next meeting will be held February 12. John Canning offers cash prizes for the best vase of roses, any variety.

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See report issue of January 16, THE AMERICAN FLORIST, page 1347.

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And the two Whites:

Oconto, Early. **Smith's Ideal,** Midseason.

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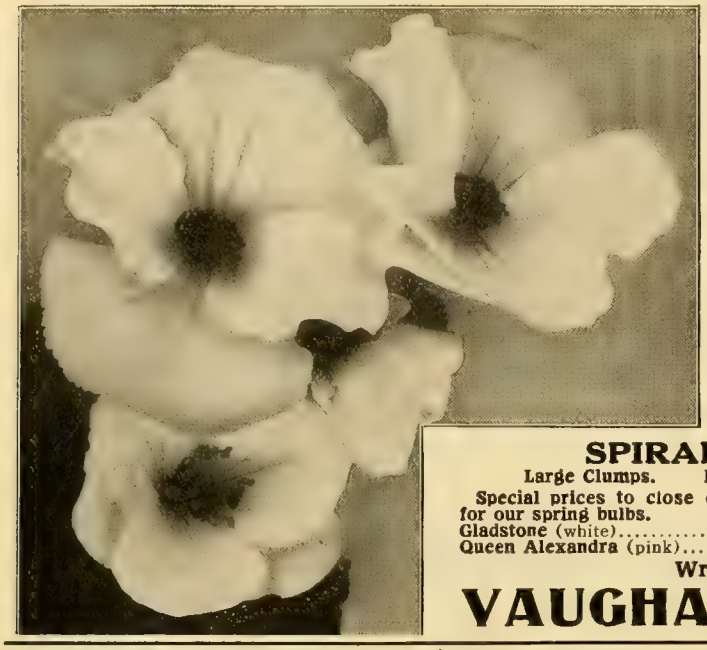

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Vinca Variegata, 3x3½-in. pots, $5.00 per 100.

Pansy Plant, Giant flowering, $2.50 per 1000.

Cannas, dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Beauty, Bedder, Vaughan, Henderson, Charlotte, Harum, Patry, Hose, etc., at $1.25 per 100.

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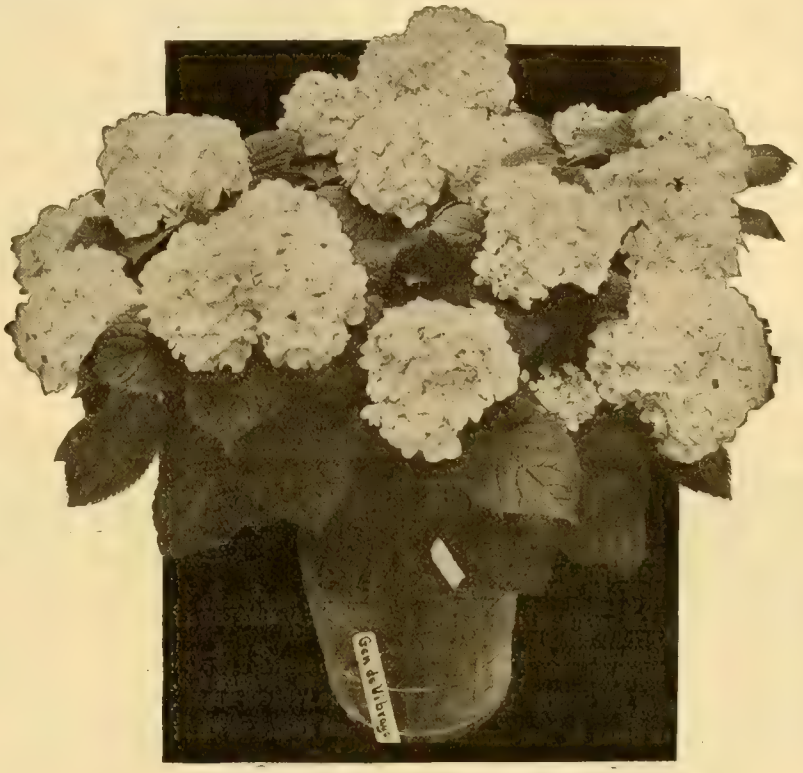

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Rooted Carnation Cuttings

Peerless Pink.

Dark pink. The best and most profitable Carnation introduced to the trade last season. No other new carnation can equal it in early and continuous productiveness. The blooms command the highest prices at all times.

Rooted Cuttings, $6.00 per 100; $50.00 per 1000.

	Per 100	Per 1000
Champion, scarlet	$6 00	$50.00
Yellow Prince	6.00	50.00
Matchless, white	6.00	50 00
Philadelphia, pink	6.00	50.00
Princess Dagmar, crimson	6 00	50.00
Gloria, pink, free	6.00	50.00
Pink Delight	$6.00	$50.00
The Herald, scarlet	4.00	30.00
Enchantress Supreme	4.00	30.00
Conquest, overlaid pink	4.00	30.00
White Wonder	3.00	25 00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

All stock guaranteed. Quality the first consideration.

Chicago Carnation Co., 30 East Randolph St., CHICAGO.

A. T. PYFER, Manager. Long Distance Phone, Central 3373.

Geraniums by the Thousands

(From 2 and 2¼-in. Pots)

Alphonse Ricard, Beaute and **Jeunesse Poitevine, S. A. Nutt, General Grant, Monimort Mme. Buchner, Mme. Roselear, La Favorite, Miss F. Perkins,** etc. Fine A No. 1 sand rooted cuttings, transplanted to pots, $2.50 per 100, $22.50 per 1000. **Paul Campbell,** $3.25 per 100 $30.00 per 1000. We grow 28 varieties of Geraniums. Send for complete list and special prices on what quantity you will need.

Eight best varieties of **IVY GERANIUMS,** $3.00 per 100, $28.00 per 1000.

30 varieties of Canna Bulbs by the thousands. Send for prices.

Also abundance of other stock.

Correspondence Solicited.

Alonzo J. Bryan

WHOLESALE FLORIST

Washington, New Jersey

Mention the American Florist when writing

A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

SMILAX

Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.

Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

J. C. SCHMIDT, Bristol, Pa.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings. Home of Pansies, OLEAN, N. Y.

SEASONABLE STOCK

Large Quantities Ready For Immediate Shipment.

	Doz.	100	1000
Acalypha, Macafeana, 2 in.	$0.50	$3.00	$18.50
Alyssum, Double Giant and Dwarf, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Alternantheras, 2 in., 10 var.	.50	2.00	18.50
Asparagus Sprengeri, 3 in.	.75	4.00	
Begonia Vernon, mixed, 2 in.	.40	2.00	18 50
3 in.	.75	3.00	25.00
Begonia Gloire de Chatelaine, 2 in.	1.00	4.00	
Chrysanthemums, Hardy Pompon, 100 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Fuchsias, 20 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Geraniums, 50 var., standard sorts, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Hardy English Ivy, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Lantanas, 10 var., 2 in.	.40	2.00	18.50
3 in.	.75	3.00	18.50
Lemon Verbenas, Aloysia citriodora, 2 in.	$0.40	$2 00	$18.50
3 in.	.75	3.00	25.00
Moonvines, white and blue, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Petunias, double mixed and single mixed, 2 in.	.40	2.00	18 50
3 in.	.75	3.00	25.00
Petunias, double white, 2 in.,	.50	3 00	25.00
3 in.	.75	4.00	
Salvia, Bonfire and Zurich, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Parlor Ivy (Senecio Scandens) 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Swainsonia, pink and white. 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Dahlia Roots and Canna Roots.			

Send for our regular wholesale catalogue.

R. VINCENT, Jr. & SONS CO., White Marsh, Md.

Mention the American Florist when writing

This Ought To Be OF INTEREST To YOU.

That **Local Growers** have placed the **Largest Individual Orders** for my

New Carnation "Alice"

offered to the Trade this season. Some have doubled, and trebled their orders on successive visits. The color is an exquisite shade of clear soft pink, midway between Enchantress and Gloriosa. Habit of plant ideal, strong, very early, and a continuous, and without doubt the most productive commercial variety I have offered to date.

Prices: Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

If you have not seen it, send for descriptive circular, and get your **order** in **now.** Over 200,000 sold.

PETER FISHER, - Ellis, Mass.

Mention the American Florist when writing

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

GERANIUMS

All sold until the latter part of February. March delivery guaranteed to reach any point east of the Mississippi River in good growing condition. **Nutt,** $12.50 per 1000. **Ricard** and **Poitevine,** $15.00 per 1000.

Asparagus Plumosus, fine lot ready now at $2 50 per 100; $25.00 per 1000.

ALBERT M. HERR, LANCASTER, PA.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft	12.50
12-in. ceda tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3 in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

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Quick Action

Saves You Money

CARNATIONS

To make room, we offer, subject to prior sale the following A No. 1 Stock

4500 2-in., Mrs. C. W. Ward and 2750 2-in , White Enchantress { All ready for 3-in., at

$25.00 per 1000, or $13.75 for 500.

—Also—

2000 VARIEGATED VINCAS

All clean, strong stock, at

$10.00 per 1000; $7.50 for 500, or $3.50 for 200.

Bank Draft in all instances to accompany order.

NOW GET BUSY.

ELITCH-LONG GREENHOUSES

DENVER, - - COLORADO.

Mention the American Florist when writing

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety. Write for prices.

Weiland & Risch

154 N. Wabash Ave., CHICAGO

Rooted ROSE CUTTINGS

For Immediate Delivery.

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$2.50	$20.00	**Mrs. Geo. Shawyer**	$3 00	$22.50
Pink Killarney	3.00	22.50	**Mrs. Aaron Ward**	3.00	22.50
White Killarney	3.00	22.50	**Sunburst**	3.00	22.50

Rose Plants.

Extra fine 2½ inch stock for February 1 delivery. You can get what you want here in any quantity and at prices that are cheap considering the unusually fine quality. Order today.

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$3.00	$25.00	**Sunburst**	$4.00	$35.00
Killarney	4.00	35.00	**Ward**	4.00	35.00
White Killarney	4.00	35.00	**Maryland**	4.00	35.00
Mrs. Shawyer	4.00	35.00	**Milady**	4.00	35.00

Carnation Cuttings

250,000 Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000		Per 100	Per 1000
White Enchantress	$2.00	$17.50	**Beacon** (red)	$2 00	$17.50
Pink Enchantress	2.00	17.50	**White Perfection**	2.00	17.50
Rose Pink Enchantress	2.00	17.50	**Herald** (extra fine red)	3.00	27.50
Mrs. Ward (dark pink)	2.00	17.50	**Josie Merle** (fine pink seedling)	3.00	27.50

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

Mention the American Florist when writing

NEW ROSES FOR SPRING DELIVERY

MRS. F. F. THOMPSON—Beautiful Shell Pink.

WHITE SHAWYER—Pure White.

Both sports of Mrs. Geo. Shawyer. If you handle the parent successfully, you certainly must investigate these two Roses. Just as good! Just as free growing and just as remunerative!

SEPTEMBER MORN—(Turner).

Light pink Rose from California. "A Rose by any other name **might** smell as sweet," but this is the sweetest Rose we have ever grown.

HOOSIER BEAUTY.

Dorner's crimson; seems to be the King in its color.

Now grafting all the above. Place your order for early delivery.

Grafted Stock, $35.00 per 100; $300.00 per 1000. **Own Root Stock,** $30.00 per 100; $250.00 per 1000.

1914 VARIETIES: OPHELIA. HADLEY, PRINCE D'ARENBERG, KILLARNEY BRILLIANT, MADAME HERRIOT.
Grafted, $17.50 per 100; $150.00 per 1000. **Own Root,** $12.50 per 100; $120.00 per 1000.

These varieties, with a full list of Novelty 'Mums and Carnations, fully described in our Catalogue, which will be mailed for the asking.

CHARLES H. TOTTY, - MADISON, N. J.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

CARNATION CUTTINGS

For Immediate Delivery

	Per 100	Per 1000
Enchantress	$2.50	$20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Champion	6.00	50.00
Commodore	2.50	20.00
Beacon	3.00	25.00

For February Delivery

	Per 100	Per 1000
Matchless	$6.00	$50.00
Princess Dagmar	6.00	50.00
White Wonder	3.00	25 00
White Enchantress	2.50	20.00

J. D. Thompson Carnation Co.,
JOLIET, ILLINOIS.

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL New York

If you are short of Blooming Plants, such as
Azaleas Lorraine,
Cincinnati, Cyclamen,
Poinsettias, Primroses,
Wire your order to
GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc , $3 00 per 100, $25 00 per 1000.

Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.

Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.

Asparagus Plumosus, 2¼ in , $3 00 per 100; $25.00 per 1000.

Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.

Cyrtomium Rockfordianum, 4-in. pots, 10c; 5-in , 20c; 6.in., 35c.

Bougainvillea Glabra Sanderiana, 4-in. pots, $15.00 per 100.

Hydrangea, pot grown, French sorts, including La Lorraine, Mad. E. Mouilliere, Mad. Maurice, Hamar, Mad. Gaillard, Mad. Chantard, 5-in. pot plants, ready for 6-in., at $25.00 per 100.

Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

Vaughan's 1915 Spring Book for Florists

Should be in the hands of every plant grower. **Flower Seeds, New Roses and Carnations.** All **Cannas** are offered. Write for it at Chicago or New York.

Ready Reference Section.

10 CENTS PER LINE, NET.

AMPELOPSIS.

Ampelopsis Veitchii, 2-year, $1.75 per doz.; $12 per 100; 3-year, $2 per doz.; $15 per 100. Vaughan's Seed Store, Chicago and New York.

ARAUCARIAS.

Araucarias, Excelsa, 9 inches, 3 whorls, $5 per doz.; $40 per 100; 12 ins., 3 whorls, $7.50 per doz.; $60 per 100; 15 ins., 3 whorls, $10 per doz.; $75 per 100. Glauca, 10-12 ins., 2-3 whorls, $8 per doz. Vaughan's Seed Store, Chicago and New York.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS. Good strong healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 3-inch, $3.50 per 100; 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Asparagus plumosus, seedlings, ready Feb. 15, $6 per 1,000; 2½-in. pots, $3 per 100; $25 per 1,000; 4-in., $12 per 100. Sprengeri, seedlings from flats, $4 per 1,000. Vaughan's Seed Store, Chicago and New York.

Asparagus plumosus and Sprengeri, 2¼-in., $2 per 100; $18 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

ASPARAGUS PLUMOSUS, 3-in., $6 per 100. SPRENGERI, 3-in., $5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS SPRENGERI, 2-in., $1.50 per 100 cash. Brill Celery Gardens, Kalamazoo, Mich.

Asparagus plumosus, $2.50 per 100; $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in. pots, 10-12 leaves, $1 each; variegated, 5-in. pots, 10-12 leaves, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

REMEMBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: White, pink, lavender and purple. Price, $5 per oz. Cash with order.
ALBERT A. SAWYER, Forest Park, Ill.

ASTER SEED. Superior for cut flowers. Write for list and prices. CHEWELAH FLORAL CO., Chewelah, Washington.

AZALEAS.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Stores & Harrison Co., Painesville, O.

Azaleas, leading varieties, 75c to $3 each. Larger specimens, $3 to $8 each. Poehlmann Bros. Co., Morton Grove, Ill.

BAY TREES.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Begonia Gloire de Chatelaine, 2-in., $4; 3-in., $7; 4-in., $12; 5-in., $20 per 100. These are an extra choice lot of plants; if not used for sale, they make good stock plants at a bargain price. Mr. Rob. Marchant, of Hartford, Conn., says this: "The box of begonias arrived in good shape. The plants are excellent. Thanking you for your prompt attention and good stock, I remain." CHRIST WINTERICH, Cyclamen Specialist, Defiance, O.

Begonias, Glory de Chatelaine, March delivery, 2-inch, $6 per 100; $50 per 1,000. Glory of Cincinnati, May delivery, 2-inch, $18 per 100; $160 per 1,000. Gloire de Lorraine, May delivery, 2-in., $14 per 100; $120 per 1,000. Vaughan's Seed Store, Chicago and New York.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood, bush shape, 12-in., 30c; 18-in., 50c; 24-in., $1; 30-in., $1.50. Pyramids, 36-in., $2.25; 42-in., $3; 48-in., $3.50; 54-in., $4. Globes, 18 by 18 ins., $3.50. The Storrs & Harrison Co., Painesville, O.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Gladiolus, Mrs. Francis King, 1st size, $10 per 1,000; medium, $8. Augusta, 1st size, $12 per 1,000; medium, $10. Chicago White, 1st size, $30 per 1,000; medium, $25. America, 1st size, $12 per 1,000; medium, $10. Florist XXX mixed, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, L. Formosum, 7-9-in., 9-10-in., 10-11-in., 11-13-in.; also Japan grown freesias, ⅛ and ¾-in. The Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs, special offer. See advertisement on front cover page. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, all kinds. Arthur T. Boddington, New York.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CANNAS, tubers 3 to 5 eyes, mixed colors, $1 per 100; $5 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

CARNATIONS.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

Carnations, new and standard varieties. S. J. Reuter & Son, Inc., Westerly, R. I.

CARNATION CUTTINGS, January Delivery.

	Per 100	Per 1000
White Wonder	$3.00	$25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Champion	6.00	50.00
Commodore	2.50	20.00
Beacon	3.00	25.00
Princess Dagmar	6.00	50.00

Guaranteed first-class stock. Can fill orders by the one hundred and one hundred thousand.
J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Carnations, Peerless Pink, $6 per 100; $50 per 1,000. Champion, Yellow Prince, Matchless, Philadelphia, Princess Dagmar, Gloria, Pink Delight, $6 per 100; $50 per 1,000. The Herald, Enchantress Supreme, Conquest, $4 per 100; $30 per 1,000. White Wonder, White Enchantress, Enchantress, $3 per 100; $25 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Philadelphia, Rosette, White. Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald. $3.50 per 100; $30 per 1,000. Vaughan's Seed Store, Chicago and New York.

EXTRA FINE CARNATION CUTTINGS.
The best in the land. Big value for your money.
Enchantress ..... $20.00 per 1,000
White Enchantress ..... 20.00 per 1,000
White Wonder ..... 25.00 per 1,000
SINNER BROS.,
56 East Randolph St., Chicago, Ill.

Carnations, Pink Sensation, $12 per 100; $100 per 1,000. Philadelphia, Peerless Pink, Pink Delight, Champion, Matchless, $6 per 100; $50 per 1,000. White Wonder, Beacon red, Enchantress, Mrs. C. W. Ward, Rosette, White Enchantress, $3 per 100; $25 per 1,000. Herald, $4 per 100; $25 per 1,000. Enchantress Supreme, $4 per 100; $27 per 1,000. A. Henderson & Co., 369 River St., Chicago.

ROOTED CARNATION CUTTINGS. Beacon, White Enchantress, Enchantress, Rose Pink and Herald, $20 per 1,000.
WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St., Cincinnati, O.

Carnations, White Enchantress, Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, Beacon, White Perfection, $2 per 100; $17.50 per 1,000. Herald, $3 per 100; $27.50 per 1,000. Josie Merle, $3 per 100; $27.50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Carnation Matchless, rooted cuttings, $6 per 100; $50 per 1,000; $112.50 per 2,500; $200 per 5,000. Mrs. C. W. Ward and Beacon, $3 per 100; $25 per 1,000. Cottage Gardens Co., Inc., Queens, New York.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Large plants, WHITE SEEDLINGS, and fine variety to grow, $5 per 100. C. C. Pollworth Co., Milwaukee.

Carnations, 4,500 2-inch Mrs. C. W. Ward, 2,750 2-inch White Enchantress, $25 per 1,000; $13.75 for 500. Elitch-Long Greenhouses, Denver, Colo.

Carnations, Pink Sensation, Good Cheer, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Carnations. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

ROOTED CHRYSANTHEMUM CUTTINGS.

January, February and March Delivery.
WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.

Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.

A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum novelties for 1915, commercial section: Golden Queen, Crystal Gem, Marigold, Modello, Tekonsha. Exhibition section: Calumet, Silver King, Mankato, Algonac, Kewanee. Pompons: Niza, Zora, Rodi, Veta, Illona, Neola. Chieftain, Edwin Seidewitz, Oconto, Smith's Idea, Nerissa, Odessa. Write for list. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, rooted cuttings or 2-in., pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis, Henryii, Jackmani, Mme. B. Vielfard, 2-year, $3 per doz.; $20 per 100; 3-year, $4.20 per doz.; $30 per 100. Paniculata, 2-year, $1.50 per doz.; $10 per 100; 3-year, $2 per doz.; $15 per 100. Vaughan's Seed Store, Chicago and New York.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, rooted cuttings, 10 varieties, 70c per 100 postpaid; $5 per 1,000 by express, not prepaid. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

CROTONS.

Crotons, 4-in., $4 per doz.; $30 per 100; 5-in., $6 per doz. Vaughan's Seed Store, Chicago and New York.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

A great bargain in blooming cyclamen, full of blooms and well set with buds, every plant a specimen, mostly light shades, 2½-in., $5; 4-in., $10 and $15; 5-in., $25 and $35; 6-in., $50 and $75 per 100. We have received a good many letters similar to this one: "Thank you very much for the beautiful cyclamen plants. It does not take a salesman to sell them."—Colonial Flower Shop, Goshen, Ind. "I am in receipt of the transplanted cyclamens and express my thanks. I of course expected good plants from you, but these are above my expectation. I will try and win first prize with them as two years ago I received first in Chicago. I recommended you to Mr. Kuppenheimer's niece from Lake Forest and I shall do all I can for you in the future. Thanking you again, etc.," yours, Paul Dieball, Gardener for Mr. Kuppenheimer at Hubbards Woods, Ill. CYCLAMEN SEEDLINGS, once transplanted, of our well-known strain, only the best sent out, with cultural directions; in separate colors, $3.50 per 100; $30 per 1,000. These are strong, once transplanted stock, not to be compared with seedlings. 250,000 grown this season. CHRIST WINTERICH, Cyclamen Specialist, Defiance, O.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM in full bloom. 4-in., red, white red eye, pink, 12c; 4-in., Salmon, 15c; 5-in., mixed colors, 35c. R. J. Southerton, Highland Park, Ill.

Cyclamens, in bloom, mostly light colored stock, 5-inch, $5; 6-inch, $7.50 per dozen; 7-inch, $1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Il.

DAHLIAS.

100,000 choicest cut-flower DAHLIAS, strong field-grown roots, absolutely true to name: Delice, $5 per 100. White Swan, $4 per 100. Bonton, Elegans, Princess Victoria, Penelope, Queen Victoria, Kriemhilde, Mrs. Geo. Stevenson, Perlehilde, Prince of Yellows, The Pilot, Admiral Togo, Jumbo, Kinds Pink, Lyndhurst, Evelyn Century, Eckford Century, Golden Century, Wildfire, Cardinal, Fr. 20th Century, Gladys, Rose Pink, 20th Century, $3 per 100; $25 per 1,000. Arabella, Red Hussar, Jack Rose, Sylvia, $2.50 per 100; $20 per 1,000. Reference, Peoples' National Bank. JAS. WELLER, Hammonton, N. J.

Dahlias, whole field clumps, $5 per 100, up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

DAISIES—Fine 2½-inch stock, Etoile d'Or, best yellow forcing daisy, $4 per 100. Cash. A. E. HUNT & CO., 56 East Randolph Street, Chicago.

DRACAENAS.

Dracænas, Godseffiana, 2-in., $1 per doz. Terminalis, 4-in., $3 per doz.; 5-in., $5; 6-in., $7.50. Poehlmann Bros. Co., Morton Grove, Ill.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

FERNS.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

BOSTON FERNS.

Fine, healthy stock in large quantities.

2-inch	$4.00 per 100
3-inch	6.00 per 100
4-inch	1.50 per doz.
5-inch	3.00 per doz.
6-inch	6.00 per doz.
7-inch	9.00 per doz.

GEO. WITTBOLD CO.
739 Buckingham Place, Chicago.

BOSTON and HARRISII FERNS, strong, 2½-inch, $3.50 per 100; $30 per 1,000; 2-inch, $3 per 100; $25 per 1,000. BOSTON, WHITMANI FERNS, 5, 6 and 7-inch, 25c, 40c and 60c. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Ferns for dishes, including aspidium crytomium falcatum, Pteris Mayi, Wilsoni, etc., $3 per 100; $25 per 1,000. Adiantum Croweanum, 5-in., 20c. Glory of Mordrecht, 5-in., 35c; 4-in., 25c. Cibotium Schiedei, 5-in., 75c; 6-in., $1. Crytomium Rockfordianum, 4-in., 10c; 5-in., 20c; 6-in., 35c. The Storrs & Harrison Co., Painesville, O.

FERNS FOR FERN DISHES.

Fine stock: 2-inch pots, $2.50 per 100; 3-inch pots, $5 per 100.

WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St., Cincinnati, O.

Boston ferns, 2-in.....$3.00 per 100
Boston ferns, 3-in..... 6.00 per 100
Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.
Boston out of bench, $10.00 and $15.00 per 100.
Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.
ERNEST ROBER, WILMETTE, ILL.

If you have never had our SPRINGFIELDI FERN plants, you are missing a good thing. Guaranteed to live and stand rougher usage than any fern known. Large 4 and 5-inch, $7 per 100; 6 and 7-inch, $10 per 100. A trial will convince you. NEWELL & ULSTER, Apopka, Florida.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns. Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns. Bobbink & Atkins, Rutherford, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

GERANIUMS.

Geraniums, S. A. Nutt; fine plants out of 3½-in. pots, $7 per 100. Only 800 left. Cash with order. VALKERS GREENHOUSE, Minot, N. D.

Geraniums, in such varieties as S. A. Nutt, Berthe de Presilly, Col. Thomas, Edmond Blanc, Jean Oberlee, Jules Vasseur, La Favorite, Marquise de Castellane, Mme. Buchner, Mme. Recamier Onella, etc., $2 per 100; $18.50 per 1,000 from 2-in. pots; $3 per 100; $25 per 1,000, from 3-inch pots. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, 2 and 2½-inch pots: Alphonse Ricard, Beaute and Jeunesse Poitevine, S. A. Nutt, Gen. Grant, Montmort, Mme. Buchner, Mme. Roselear, La Favorite, F. Perkins, etc., $2.50 per 100; $22.50 per 1,000. Paul Campbell, $3.25 per 100; $30 per 1,000. Ivy geraniums, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 2-in., $3 per 100. Half Caine and Mary Barton, 2-in., $5. Rahn & Herbert, 110 E. 49th St., Portland, Ore.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, Feb. and March delivery. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

GREENS.

Wild smilax, $2 per case; half case, $1.25; eight 50 lb. cases, $15. S. S. Brantley, Pine Apple, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HYDRANGEAS.

Hydrangeas, new French; Avalanche, Bouquet Rose, Dentelle, E. G. Hill, General de Vibraye, LaLorraine, Mme. A. Riverain, Mme. E. Mouillere, Mme. Maurice, Hamar, Mlle. Agnes Barillet, Mousseline, Mont Rose, Ronsard, Souvenir di Mme. E. Chautard, Senateur Henri David, Vieux Chateau, retarded, dormant plants from 6-inch pots, $30 per 100. Hydrangea Otaksa, dormant plants, 6-inch pots, $25 per 100; 10-inch tubs, $1 each; 12-inch tubs, $2.50 each. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Hydrangeas, pot-grown, French sorts, La Lorraine, Mme. E. Mouilliere, Mme. Maurice Hamar, Mme. Guillard, Mme. Chantard, 5-in., $25 per 100. Otaksa, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-in. pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

English ivy, out of 6-in. pots, up to 5 ft. high, $25 per 100. Rahn & Herbert, 110 E. 49th St., Portland, Ore.

English ivy from field, 20 to 30 inches, $3; from pots, 30 to 40 inches, $5 per 100. CHAS. FROST, Kenilworth, N. J.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Lily of the valley pips, Berlin or Hamburg, cases of 3,000 pips, $40; 1,000, $14; 500, $7.50. J. M. Thorburn & Co., 53 Barclay St., New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

ORDER NOW Valley Pips for St. Valentine's Day. Brun's Celebrated Chicago Market, best valley in existence, $14 per 1,000; $7.50 per 500; $4 per 250; $1.75 per 100. Cold Storage Valley for January and February, $18 per 1,000; $9.50 per 500; $5 per 250. H. N. BRUNS, 3032 W. Madison St., Chicago.

Lily of the Valley, cold storage, selected pips, packed in cases of 250, 500 and 1,000 each. F. R. Pierson, Tarrytown, New York.

MANETTI.

Manetti. on hand. Best English stocks, grafting size, 3-5 m/m, not "as they run", but RE-GRADED HERE, culls thrown out; shrinkage eliminated; all good, at $9.50 the thousand, while they last. JACKSON & PERKINS CO., Newark, New York.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST. CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

E. TURBAT & CO., Nurserymen, ORLEANS, France, grow all outdoor Nurseries stocks; FRUIT, Ornamental and Forest. Wholesale list on demand.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.
Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$0.35
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
8-inch tubs,	6 to 7,	36	3.00
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $15.00 to $25.00.

KENTIA FORSTERIANA.
Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$0.35
6-inch pots,	5 to 6,	34 to 36....	1.50
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-up Plants.

	Leaves.	Inches high.	Each.
6-inch pots,	3 plants in a pot,	28 ...	$1.50
7-inch pots,	5 plants in a pot,	34 to 38...	2.50
7-inch tubs,	4 plants in a tub,	38 ...	3.00
8-inch tubs,	3 plants in a tub,	38 to 42...	3.50
8-inch tubs,	3 plants in a tub,	48 to 54...	5.00
8-inch tubs,	4 plants in a tub,	52 to 56...	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high.	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high.	12.00

Very strong specimens, 12 and 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

PHOENIX ROEBELENII.

6-inch pots, 20 in. high, 26 in. spread......$1.50
7-inch pots, 2 ft. high, 32 to 36 in. spread 2.50
8-inch tubs, fine specimens................ 3.50

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. Julius Roehrs Co., Rutherford, N. J.

Palms, Kentia Forsteriana, 6-in., 5-6 leaves, 30-32 ins., $1.50 each; $17 per doz.; 7-in., 6-7 leaves, 36-40 ins., $3.25 each; 10-inch, 6-7 leaves, 60 ins., $8 each. Made-up plants: 7-in., 3 plants, 28-30 ins., $2.50 each; $27.50 per doz.; 7-in., 3 plants, 30-34 ins., $3 each; $32.50 per doz.; 8-in., 3-4 plants, 34-38 ins., $4 each; $45 per doz.; 10-in., 70-74 ins., $15 each. Pheonix Canariensis, 7-in., 28-30 ins., $1.50 each. Vaughan's Seed Store, Chicago and New York.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 4-inch pots, 60c each; $6 per doz.; 3 for $1.65; 6-inch, $1.50 each. Vaughan's Seed Store, Chicago and New York.

PANSIES.

PANSY PLANTS, large flowering varieties, strong stocky plants at $4 per 1,000; less 10 per cent if cash with order.
ELITCH-LONG GREENHOUSES,
DENVER, COLO.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

Pansy plants, $2.50 per 1,000. Jos. H. Cunningham, Delaware, O.

PEPPERS.

CHRISTMAS PEPPERS, strong 4-inch bushy plants, full of berries, $10 per 100. A. T. Hey Floral Co., Maywood, Ill.

PETUNIAS.

Petunias, dbl., mixed colors, 2-inch, $2 per 100; 3-inch, $3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

POINSETTIAS.

Poinsettias, two-year-old plants, $5 per 100; $45 per 1,000; or will exchange for 2½-inch Whitmani ferns. F. F. Crump, Colorado Springs, Colo.

POINSETTIAS, 2½-in., $5 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA OBCONICA, 2½-in., $2 per 100. MALACOIDES, 3-in., in bud and bloom, $3 per 100 cash. This is fine stock and will please. Brill Celery Gardens, Kalamazoo. Mich.

Primroses: Obconica alba rosea and sanguinea, 2¼-in., $1.50 per 100; $12 per 1,000. Jos. H. Cunningham, Delaware, O.

PRIMULA MALACOIDES, 2½-in., $3 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROOTED ROSE CUTTINGS.
Pink Killarney, White Killarney and Richmond, $2.50 per 100; $20 per 1,000. Extra fine stock. Ready now. Satisfaction guaranteed.
GEORGE REINBERG,
162 North Wabash Ave., Chicago, Ill.

Roses, all the leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Roses, Ophelia, Prince Arenberg, Francis Scott Key, Killarney Brililant. Let us know what you want and we will quote you prices to fit. S. J. Reuter & Son, Inc., Westerly, R. I.

Rose Hoosier Beauty, own root: $30 per 100; $250 per 1,000. Grafted: $35 per 100; $300 per 1,000. Ready March 1. The E. G. Hill Co., Richmond, Ind. F. Dorner & Sons Co., LaFayette, Ind.

Roses, rooted cuttings: Richmond, $2.50 per 100; $20 per 1,000. Pink Killarney, White Killarney, Mrs. Shawyer, Mrs. Ward, Sunburst, $3 per 100; $22.50 per 1,000. Rose plants, 2½-inch: Richmond, $3 per 100; $25 per 1,000. Killarney, White Killarney, Mrs. Shawyer, Sunburst, Ward, Maryland, Milady, $4 per 100; $35 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

ROOTED ROSE CUTTINGS, good stock. Richmond, White and Pink Killarney, $25 per 1,000.
WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St., Cincinnati, O.

Rose Mrs. Charles Russell, grafted and own root. We also offer Milady, Shawyer, Ward, Taft, d'Arenberg, Richmond, Hadley, the Killarneys. Write for prices. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Extra fine rooted Rose Cuttings, $3 per 100; $25 per 1,000; 500 at 1,000 rate; immediate delivery: Milady, White Killarney. My Maryland, Pink Killarney. Order now. Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Roses, 2¼-inch pots. Ophelia, $15 per 100; $120 per 1,000. Francis Scott Key, $15 per 100; $120 per 1,000. Prince E. C. d'Arenberg. $12 per 100; $90 per 1,000. F. R. Pierson, Tarrytown, New York.

E. TURBAT & CO., Orleans, France. Enormous stock of Rose Trees, old and new varieties. Wholesale list on demand.

ROSES. My Maryland and Pink Killarney, 3-in., $5 per 100. Kaiserin, 4-in., $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

Roses. W. & T. Smith Co., Geneva, N. Y.

SEEDS.

Seeds, Pansy: Vaughan's International mixture, $10 per oz.; $2.50 per ¼ oz.; $1.50 per ⅛ oz.; trade packet, 50c. Giant mixture, $4 per oz.; $1 per ¼ oz.; 60c per ⅛ oz.; trade packet, 25c. Early flowering giant pansies, white, yellow, light blue, dark blue, mixed, trade packet 500 seeds, 65c; ⅛ oz., $2.50. Asparagus Plumosus, per 100 seeds, 50c; 250 seeds, $1; 1,000 seeds, $3.50; 5,000 seeds, to 10,000, $3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, surplus beans: 300 lbs. Seibert's Lima; 200 lbs. King Lima, 8c per lb. 240 lbs. Stringless Green Pod; 100 lbs. Hopkins Valentine; 200 lbs. Currie's Rust Proof; 100 lbs., Refugee or 1,000 to 1, 10c per lb. 700 lbs. Davis White Kidney Wax, 11c per lb. Henry Field Seed Co., Shenandoah, Iowa.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, sweet pea and nasturtium specialties, wholesale growers of flower and garden seeds. Routzahn Seed Co., Arroyo Grande, Calif.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Flower seeds for early sowing. Complete list for the asking. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, begonias, aquilegia, cyclamen, delphinium, polyanthus, pansy, etc. Blackmore & Langdon, Bath, England.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

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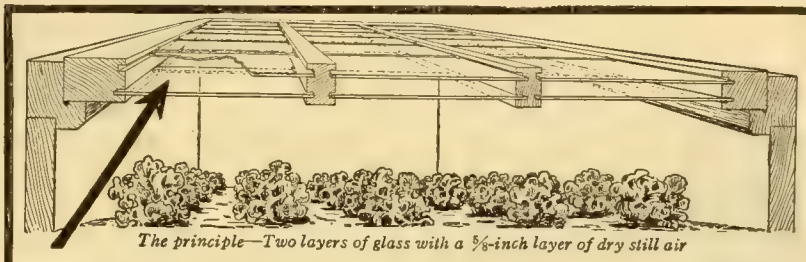

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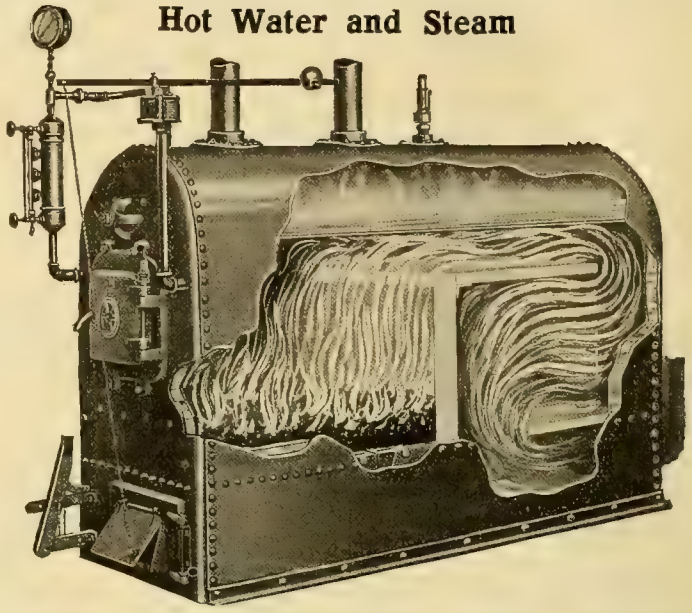

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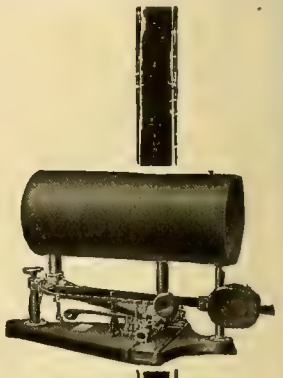

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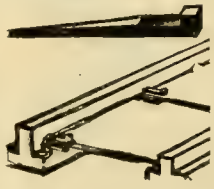

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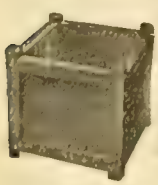

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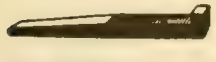

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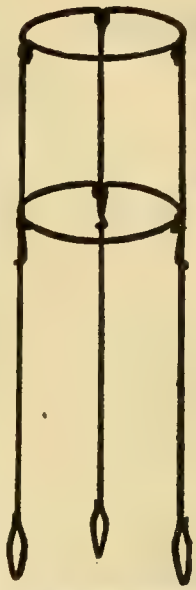

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THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACKORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif. August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Annual convention and exhibition, Boston, Mass., March 18-21, 1915. WALLACE R. PIERSON, Cromwell, Conn., President; ROBT. PYLE, West Grove, Pa., Vice-President, BENJAMIN HAMMOND, Fishkill-on-Hudson, N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I., July 8-9 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 342 W. Fourteenth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November, 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

AMERICAN CARNATION SOCIETY.

Annual Meeting and Convention, Buffalo, N. Y., January 27-28.
Next Meeting Place, St. Louis Mo., 1916.

The Exhibition.

The twenty-fourth annual exhibition of the American Carnation Society, held at the Hotel Iroquois, Buffalo, N. Y., Jan. 27-28, was one of the best in the history of this society, the number and quality of the exhibits, together with the attendance and enthusiasm of the members bringing inspiration to the officers of the society, and the flower loving public took advantage of the exhibition by attending in large numbers. Matchless, the gold medal winner of 1914, from The Cottage Gardens Co., Queens, N. Y., was again the stellar variety of the exhibition, winning first in the class of 100 white; also the Hitchings and Co. sweepstakes silver cup. Champion, the fine scarlet of the F. Dorner & Sons Co., LaFayette, Ind., was away to the front in this color, and had every appearance of being a contender with Beacon for first place in the scarlet class. Mrs. C. W. Ward was again the leader in the rose pink color, and this variety was never shown in any better, if as good shape by so many different growers as at this exhibition. Rosette was also in elegant shape from a large number of exhibitors; the advancement this variety has attained as to color and stem was most marked. Pink Delight was first and second in the light pink class, and there were two or three vases that were close up to the winners. Cottage Maid, the light pink sport of Mrs. C. W. Ward, was another striking vase of flowers in this class. Miss Alice Coombs, from A. Roper, Tewksbury, Mass., was awarded the A. C. S. silver medal. This same exhibitor has also another very promising light pink seedling under number 316, which was awarded the S. A. F. bronze medal. The S. A. F. silver medal went to Bassett and Washburn, Chicago, for their fine scarlet variety, Belle Washburn, which has all the qualities of a fine commercial variety. Several new exhibitors proved to be among the leaders for the elegant quality of the blooms shown, notably A. A. Pembroke, Beverly, Mass., who staged some of the best stock of the standard varieties, and was a leading prize winner, his vase of Gorgeous being the best of that variety.

John A. Nelson, Framingham, Mass., was another new exhibitor who carried away many of the honors. Strouts, Inc., Biddeford, Maine, also exhibited some magnificent blooms, their vases of Mrs. C. W. Ward, Benora and Beacon being particularly fine. The E. G. Hill Co., Richmond, Ind., staged grand stock of Champion, Pocahontas, Yellow Prince and other standard varieties. F. Dorner & Sons Co. exhibited fine blooms of Pink Sensation and Good Cheer, two varieties that will be leaders another season, Good Cheer gaining lots of friends as a fine commercial rose pink, and Pink Sensation as a first class high grade variety. This firm had also a very pretty yellow seedling, No. 68-11, and a number of very promising looking seedlings in the other colors. The best Enchantress came from E. A. Richards, Greenfield, Mass. Gude Bros., Washington, D. C., also had a fine vase of Enchantress. S. J. Goddard, Framingham, Mass.; Pittsburgh Cut Flower Co., Pittsburgh, Pa.; Mount Greenwood Cemetery Ass'n, Chicago; W. J. Palmer & Son, Buffalo, N. Y., and the United States Cut Flower Co., Elmira, N. Y., were also exhibitors who staged elegant stock.

Arawana from A. N. Pierson, Inc., Cromwell, Conn., looks to be a fine addition to the crimson class. Laura Weber from Chas. Weber, Lynbrook, N. Y., is a fine flesh pink variety. W. A. Dawson, Willimantic, Conn., has a fine red seedling, No. 565.

There were many fine table decorations of carnations by W. J. Palmer & Son, S. A. Anderson and other local florists, and miscellaneous exhibits included vases of Roses Rostand, Killarney Brilliant, Francis Scott Key, Ophelia and Prince E. C. de'Arenberg from F. R. Pierson Co., Tarrytown, N. Y., Roses Hoosier Beauty and Ophelia from the E. G. Hill Co., Richmond, Ind.; Zvolanek sweet peas from Jerry Brookins & Son, Orchard Park, N. Y.; Spen-

S. J. Goddard.
President American Carnation Society.

cer sweet peas from A. J. Stahelin, Redford, Mich.; white snapdragons from John Nelson, Framingham, Mass.; forget-me-nots from W. A. Hastings, Boston, Mass.; Buddleia Asiatica from S. J. Goddard, Framingham, Mass.; some well grown plants of Polypodium mandaianum, assorted ferns and cattleyas from W. A. Manda, Orange, N. J., and begonias and cyclamens from J. A. Peterson & Sons, Cincinnati, O.

The Business Meeting.

The large assembly room of the Iroquois hotel was crowded to excess when President Goddard called the members to order promptly at eight o'clock Wednesday evening, and keen interest in the proceedings was manifest at all times. The president's address and reports of officers being duly presented, invitations for the next meeting were read from St. Louis, Mo., Indianapolis, Ind., and Philadelphia, Pa. The officers nominated for the ensuing year were: Joseph H. Hill, Richmond, Ind., for president; J. F. Ammann, Edwardsville, Ills., for vice president; A. F. J. Baur, Indianapolis, Ind., for secretary; F. E. Dorner, LaFayette, Ind., for treasurer; Eugene Dailledouze and C. S. Strout for directors and R. Witterstaetter and W. J. Palmer for judges, making contest only in the case of directors, where there is but one vacancy. There was a brisk discussion of the best material for cuttings, in which Peter Fisher, Eugene Dailledouze, C. W. Johnson, F. E. Dorner, Joseph H. Hill, Wallace R. Pierson, C. S. Strout and R. S. Brown, participated, but the question seems to remain an open one.

At Thursday's session the officers and judges nominated the evening previous were duly elected and C. S. Strout was elected director in place of Eugene Dailledouze, retiring. St. Louis, Mo., was chosen for the next annual meeting and exhibition.

President Goddard's Address.

Gentlemen, fellow members of the American Carnation Society: As the twenty-fourth president of this society, it gives me pleasure to welcome you at this convention in the city of Buffalo. To Vice-president Anderson and the local florists' clubs are due the thanks of the society for their untiring efforts in working to make this convention the success I am sure it will prove to be. To Secretary Baur is also due the same appreciation and confidence of the society. No member except he be an officer of the society can form any idea of the amount of work the secretary has to perform. The carnation register that Mr. Baur and Mr. Dorner are compiling will be of inestimable value to the society in years to come, and I hope that some action will be taken at their completion looking toward the preservation of these records, to protect them from fire or other such destructive causes. Next year our society enters upon its quarter century of existence, a period showing achievements performed never dreamed of by its founders, and I would suggest that suitable recognition be taken to celebrate this event; something added to the premium list that would make it noteworthy could well be arranged.

Previous presidents have called attention to the small membership in our society, compared to the hosts engaged in growing carnations, but no specific way has ever been devised or recommended whereby we have increased our membership to any extent. Thousands are engaged in growing carnations commercially, either as a side line or specialty, and I am sure that we can get our due proportion if we have some influential members to personally present to these growers the benefits they and we jointly shall derive by their joining with the American Carnation Society. Why not have appointed one member in each state or section of the country, whose duty it shall be to induce all eligible to become members? Let us all endeavor to help increase the membership to at least 500 on our silver anniversary.

S. A. Anderson.
Vice-President American Carnation Society.

The American Carnation Society is recognized as the best managed special floricultural society in this country, its influence is far reaching and I am of the opinion that some pressure should be brought to bear on disseminators of carnations whereby they will be induced to use greater care in selection of stock. I know they are obliged to handle thousands of cuttings when sending out a novelty, as the demand for a winner is tremendous. Nowadays on nearly every new variety we invest in we get 25 per cent of unhealthy stock which either throw semi-double, curly or off-colored flowers. If they cannot meet the demand at present prices why not set a price whereby they can meet them and give us guaranteed stock? I believe we should demand guaranteed stock the same in carnations as on insecticides or fertilizers.

The carnation has been under a very severe test this season, much more so than during any previous year. Some growers claim that it is losing its popularity with the flower buying public. I cannot agree with this view. It is as popular as ever, if not more so. It is still "everybody's flower," and if it is put on the market, or into the buyer's home as fresh as possible, it will not be replaced by any other flower. It often happens that blooms are old when they are cut, and are ready for the ash barrel instead of the drawing room. It is in our own province to make or destroy the popularity of the carnation.

Some few years ago the society had an honorary membership. For some reason or other this has been dropped, and I would recommend that the names originally on the list be again added, or if this cannot be done under our present rules, that the by-laws be amended, incorporating honorary membership. Another recommendation I would like to make is that assistant judges be appointed to serve with our regular judges. Oftentimes some regular judge is absent and an outsider has to be called in to take his place. If assistants were in attendance they could take the place of the absent member, or in case of a deadlock, as often happens, they could be relied upon to give sound judgment based upon practical knowledge gained while serving with experts. We all can judge by comparison, but it takes the expert to score on points the new varieties that are entered for the American Carnation Society's and other medals.

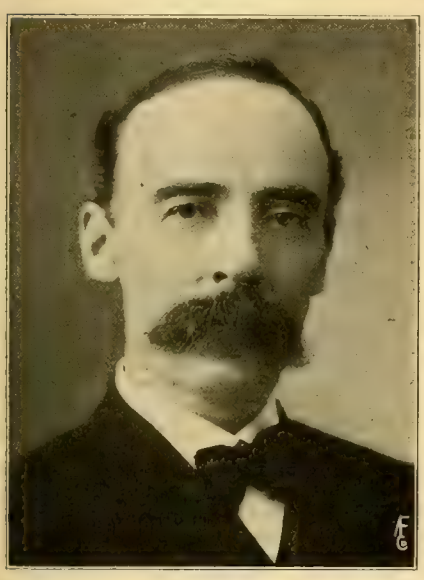
You will be called upon at this meeting to consider at your deliberations the question of affiliation with the Society of American Florists, to accept or reject membership on the board of directors of that society, and I earnest-

Wallace H. Eiss.
President Buffalo Florists' Club.

F. R. Piersoo
Director American Carnation Society.

Wm. Legg.
Secretary Buffalo Florists' Club.

C. W. Johnson.
Judge American Carnation Society.



Peter Fisher.
Director American Carnation Society.

Emil C. Brucker.
Treasurer Buffalo Florists' Club.

Eugene Dailledouze.
Director American Carnation Society.

Chas. Sandfiord.
Director Buffalo Florists' Club.

Joseph Streit.
Director Buffalo Florists' Club.

E. A. Stroud.
Judge American Carnation Society.

PROMINENT MEN IDENTIFIED WITH THE AMERICAN CARNATION SOCIETY CONVENTION AT BUFFALO, N. Y.

Joseph H. Hill, Richmond, Ind.
President Elect American Carnation Society.

ly hope that every member who has views on this vital subject will express them at this time.

In closing I wish to express my thanks to the trade press for the many courtesies extended to the officers of the society during the past year. To the members of the society who have shown such enthusiasm in our exhibition by setting up such a magnificent display of carnations I extend my sincere thanks. Our society cannot help but prosper while the members continue to back up its officers the way they have done here at Buffalo.

Secretary Baur's Report.

Your secretary begs leave to report on the past year's work as follows:

We are pleased to report a substantial increase in the membership this year, there now being 318 annual members and 12 life members enrolled and in good standing. During the past year there have been added 38 new members, in addition to 13 delinquents, who have been reinstated under the plan adopted in 1912. After deducting those who are now delinquent for the year 1913, we have a net increase of 33 over last year.

We have collected money as follows:

Dues	$671.00
Advertising	145.44
Dorner memorial fund	5.00
Miscellaneous	44.23
Total	$865.67

All of this has been turned over to the treasurer and his receipt taken therefor, except $121.68, which came in while the audit was being taken. The $5 collected for the Dorner memorial fund was transferred to the general fund, to replace part of the amount taken out of that fund, to make the even $1,000 needed to draw $40 interest per annum. The books of the secretary and treasurer were audited by a professional accountant, as has been customary. The auditor's report will follow the reading of the treasurer's report, and we are pleased to note that he found the books in first-class order and the society's finances sound and in very good shape. All bills are being paid promptly and no accounts have been lost, except from delinquent members.

The annual report was issued on schedule time and distributed to the members. The same is true of the program and the schedule of premiums for this meeting. We secured 22 pages of advertising for this schedule, which we consider very good, considering that this advertising had to be solicited just when the worst of the present business depression was on.

Twelve seedling varieties and three sports have been registered with this society since the last annual report was issued. Besides these, the Perpetual Flowering Carnation Society of England reports sixteen registrations. A system of changing registrations at frequent intervals has been adopted by the secretaries of the two societies, with a view to prevent duplication of names, but there has as yet been no way found to prevent sports which are identical from being given different names in this country and Europe. In time, when the new varieties will be imported as well as exported, this problem will present itself for solution. At this time, what confusion there is, is all on the other side, as few European varieties have thus far found their way over here. Suggestions for handling this situation will be in order.

J. F. Ammann, Edwardsville, Ill.
Vice-President Elect American Carnation Society.

We are still working on the carnation register. We are pleased to report that while our present plan for gathering data entails considerable labor, it is bringing results. It will be only a question of time, and we will have the register as complete as it is possible to make it at this time, and the data will be authentic. We wish here to thank the trade press for assistance in this work, especially in locating parties who have moved away from the addresses from which the registrations were made.

The arrangements for this meeting were planned along the same lines as those followed at Cleveland last year, and with the same degree of success. The local committee took hold with a will and has done its part splendidly. To our worthy vice-president, S. A. Anderson, is due especial credit. To the growers who supplied the blooms used in the table displays is due the society's thanks. The splendid success achieved, so far as we have gone with this department, should stimulate expansion and if the exhibits could be diversified in a practical manner, it would be well to do so. We would like our retail members to offer suggestions along this line.

The board of directors held its usual meeting immediately following the last convention, also the regular midsummer meeting at the S. A. F. & O. H. meeting place, which took place in Boston, Mass., August 22. At the Boston meeting, the secretary was instructed to purchase whatever blooms might be needed for the table displays, in addition to those secured from the disseminators of new varieties. Blooms of three varieties were purchased, with the idea of having the retail display cover about the same range of colors as is found in our section A.

As per arrangement made with the New York Florists' Club, we took charge of the entries and the staging of the carnation section of the International flower show, held in New York March 21-28, 1914. A splendid exhibit of carnation blooms was staged by both commercial growers and private gardeners, the large groups, covering 150 square feet of space being the finest arrangements of carnations ever seen in this country. A report of the awards will be read at this meeting.

Treasurer Dorner's Report.

Following is the report of Treasurer Dorner:

Expenses.

Orders on Treas., paid	$1,151.26	
Balance cash on hand	630.58	$1,781.84

Receipts.

Jan. 20, 1914. Cash on hand	780.04	
Cash received	1,001.80	$1,781.84

Permanent Fund.

Jan. 20, 1914. Balance	2,625.31	
Jan. 1, 1915. Interest	106.04	$2,731.35
Interest transferred to general fund	106.04	
Balance invested at 4%	2,625.31	$2,731.35

Dorner Memorial Fund.

Jan. 20, 1914. Balance	1,001.13	
Jan. 1, 1915. Interest	40.44	$1,041.57
Transferred to General Fund for 1915 Memorial Medal	40.00	
Balance invested at 4%	1,001.57	$1,041.57

Wm. F. Kasting.
The Florist Postmaster at Buffalo.

W. J. Palmer.
Director Buffalo Florists' Club.

A. F. J. Baur.
Secretary American Carnation Society.

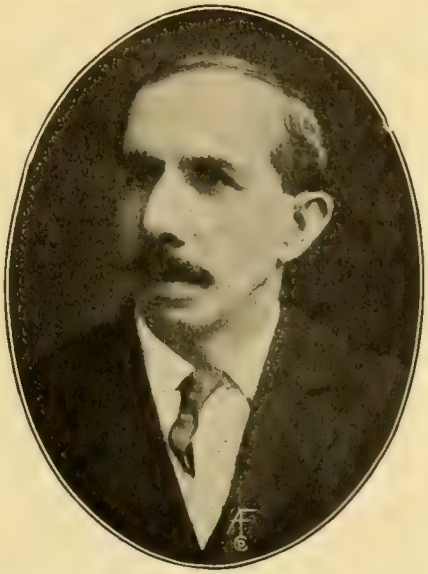
Rudolph E. Boettger.
Vice-President Buffalo Florists' Club.

Peter Olsem.
Judge American Carnation Society.

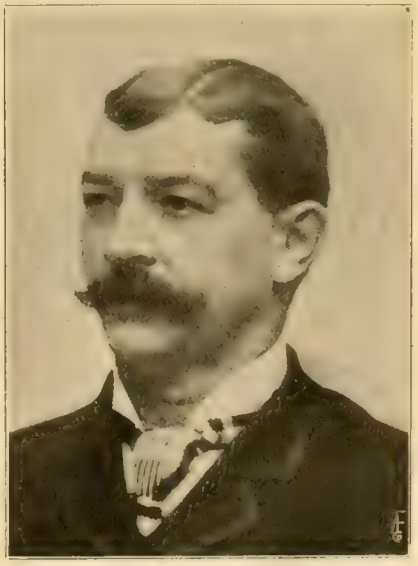
Albert Vick.
Financial Secretary Buffalo Florists' Club.

Wm. Nicholson.
Judge American Carnation Society.

F. E. Dorner.
Treasurer American Carnation Society.



Fred Burki.
Director American Carnation Society.



R. Witterstaetter.
Judge American Carnation Society.

PROMINENT MEN IDENTIFIED WITH THE AMERICAN CARNATION SOCIETY CONVENTION AT BUFFALO, N. Y.

Awards.

SECTION A.

Open to all varieties, seedling and standard sorts.

Vase 100 blooms, white—Cottage Gardens Co., Queens, N. Y., first, with Matchless; Strout's, Biddeford, Me., second, with Matchless.

Vase 100 blooms, flesh pink, being those shades of flesh or salmon color—A. A. Pembroke, Beverly, Mass., first with Pink Delight; Strout's, second with Pink Delight.

Vase 100 blooms, light pink, being those shades of pink verging on the true pink, and not lighter than Gloriosa nor darker than Winsor—A. Roper, Tewksbury, Mass., first with Miss Alice Coombs; S. J. Goddard, Framingham, Mass., second with Gloriosa.

Vase 100 blooms medium pink, including any variety darker than Winsor, but not darker than Mrs. C. W. Ward—Cottage Gardens Co., first with Mrs. C. W. Ward; A. A. Pembroke, second with Philadelphia.

Vase 100 blooms dark pink, being darker than Mrs. Ward and including all so-called cerise not dark enough to be classed as red—A. A. Pembroke, first with Rosette; Mt. Greenwood Cemetery Ass'n, Chicago, second with Rosette.

Vase 100 blooms red or scarlet, to include all shades generally included in those colors—The E. G. Hill Co., Richmond, Ind., first with Champion; F. Dorner & Sons Co., LaFayette, Ind., second with Champion.

Vase 100 blooms crimson, to cover those shades known as crimson or maroon—The E. G. Hill Co. first, with Pocahontas; A. A. Pembroke, second with Princess Dagmar.

Vase 100 blooms yellow or yellow variegated—The E. G. Hill Co., first with Yellow Prince; F. Dorner & Sons Co., second with Seedling No. 68-11.

Vase 100 blooms, white variegated—Strout's, first with Benora; A. A. Pembroke, second with Benora.

SECTION B.

Open to all varieties disseminated prior to July, 1914, 50 blooms to each vase.

White Enchantress—John A. Nelson, Framingham, Mass., first; A. A. Pembroke, second.

White Wonder—John A. Nelson, first; A. A. Pembroke, second.

Any other white—A. A. Pembroke, first with Matchless; S. J. Goddard, second with White Perfection.

Enchantress Supreme — Pittsburgh Cut Flower Co., Pittsburgh, Pa., first; Ernest Saunders, Lewiston, Me., second.

Pink Delight—A. A. Pembroke, first; John A. Nelson, second.

Any other flesh pink—E. A. Richards, Greenfield, Mass., first with Enchantress; Gude Bros., Washington, D. C., second with Enchantress.

Gloriosa—S. J. Goddard, first; A. A. Pembroke, second.

Any other light pink—Pittsburgh Cut Flower Co., first with Winsor.

Mrs. C. W. Ward—Strout's, first; W. J. Palmer & Son, Buffalo, N. Y., second.

Rosette—A. A. Pembroke, first; S. J. Goddard, second.

Any other dark pink—A. A. Pembroke, first with Gorgeous.

Beacon—Strout's, first; E. Saunders, second.

Any other scarlet—A. A. Pembroke, first with Champion; Pittsburgh Cut Flower Co., second with A. Comfort.

Pocahontas—Strout's, first; E. Saunders, second.

Any other crimson—A. A. Pembroke, first with Princess Dagmar.

Benora—J. A. Nelson, first; A. A. Pembroke, second.

Yellow Prince—A. A. Pembroke, first; S. J. Goddard, second.

Any other yellow or yellow variegated—S. J. Goddard, first.

SECTION C.

For varieties disseminated in the season of 1913-14, 50 blooms to each vase.

Matchless, premium offered by Cottage Gardens Co.—A. A. Pembroke, first; Strout's, second.

Gorgeous, premium offered by Peter Fisher—A. A. Pembroke, first; S. J. Goddard, second.

Champion, premium offered by F. Dorner & Sons Co.—Strout's, first; A. A. Pembroke, second.

Princess Dagmar, premium offered by Patten & Co.—A. A. Pembroke, first; S. J. Goddard, second.

Philadelphia Pink, premium offered by S. S. Skidelsky & Co.—A. A. Pembroke, first; Pittsburgh Cut Flower Co., second.

SECTION D.

The American Carnation Society medals.

Second best vase, 100 blooms, any variety; must score not less than 88 points, silver medal—A. Roper, with Miss Alice Coombs.

SPECIAL S. A. F. MEDALS.

For undisseminated varieties of American origin.

Best vase of 50 blooms, any color; must score not less than 88 points, silver medal—Bassett & Washburn, Chicago, with Belle Washburn.

Second best vase in this class; must score not less than 86 points, bronze medal—A. Roper with Seedling 316.

FRED DORNER MEMORIAL MEDAL.

Vase 100 blooms of any undisseminated seedling carnation (sports not admissible). The variety must have been in cultivation not less than three years and must score not less than 85 points, gold medal—A. Roper with Miss Alice Coombs.

Preliminary competition for Dorner Memorial medal—Chas. Weber, Lynbrook, N. Y., with Laura Weber; F. Dorner & Sons Co., Seedling 53-11; John Steidle, Olivette, Mo., with Sunbeam; A. Roper, with Seedling 316.

SECTION E.

Certificates of merit, 85 points necessary—W. A. Dawson, Willimantic, Conn., for Seedling 565; Ed Winkler, Wakefield, Mass., for Morning Glow; Littlefield & Wyman, No. Abington, Mass., for Miss Theo and No. 44-11.

SECTION F—SPECIAL PREMIUMS.

Vase holding in best condition to the end of the exhibition, premium offered by Fred Burki—A. A. Pembroke, with Rosette.

Section A—Sweepstakes, Hitchings & Co.'s prize—Awarded to Cottage Gardens Co. with Matchless.

Convention Notes.

Fred Lautenschlager, of Kroeschell Bros. Co., Chicago, found strong demand for his souvenir carnation measures.

B. Hammond Tracy and wife, of Wenham, Mass., are at the Iroquois during the meeting.

A large party visited the Palmer greenhouses at Lancaster, N. Y., Thursday afternoon.

J. A. Valentine, of Denver, Colo., went on to New York, from the convention city.

Prof. J. F. Cowell, of Buffalo, left for Porto Rico after the convention.

Visitors.

The following were noted among the trade visitors the opening day:

J. F. Ammann, Edwardsville, Ill.
S. A. Anderson, Buffalo, N. Y.
George Asmus, Chicago.
F. J. Baker, Utica, N. Y.
H. Balsley, Detroit, Mich.
M. Barker, Chicago.
C. L. Bartels, Cleveland, O.
S. Batchelor, Mamaroneck, N. Y.
H. E. Bates, Rochester, N. Y.
A. F. J. Baur, Indianapolis, Ind.
S. A. Baur, Erie, Pa.
E. H. Blind, Pittsburgh, Pa.
C. F. Boland, Rochester, N. Y.
G. Boucher, Rochester, N. Y.
E. R. Brockman, Rochester, N. Y.
F. E. Brockman, Rochester, N. Y.
Harold Brookins, Orchard Park, N. Y.
J. Brookins, Orchard Park, N. Y.
R. T. Brown, Queens, N. Y.
W. B. Brown, Detroit, Mich.
T. F. Browne, Greenfield, Mich.
Fred Burki, Gibsonia, Pa.
W. R. Cobb, New York.
F. Compf, Cleveland, O.
Lawrence Cotter, Jamestown, N. Y.
George Crissman, Punxsutawney, Pa.
C. E. Critchell and wife, Cincinnati, O.
George Crossman, Rochester, N. Y.
Eugene Dailledouze and wife, Brooklyn, N. Y.
Harrison Dick, New York.
F. E. Dorner, LaFayette, Ind.
J. W. Dunlop, Toronto, Ont.
R. L. Dunn, St. Catherines, Ont.
W. A. Elder, Rochester, N. Y.
J. A. Evans, Richmond, Ind.
E. J. Fancourt, Philadelphia, Pa.
Peter Fisher, Ellis, Mass.
J. R. Fotheringham, Tarrytown, N. Y.
G. M. Geraghty, Toronto, Ont.
C. L. Gibson, Cleveland, O.
H. W. Girton, Ridgeway, Pa.
S. J. Goddard, Framingham, Mass.
C. T. Guenther, Hamburg, N. Y.
W. J. Gullett and wife, Lincoln, Ill.
A. J. Guttman, New York.
A. Hammerstrom, New York.
C. Hampton, Philadelphia, Pa.
W. A. Hastings, Boston, Mass.
Wm. W. Hathaway, Brockton, Mass.
Alex. Henderson, Chicago.
I. Hendrickson, Flowerfield, L. I., N. Y.
Fred Henkes, Albany, N. Y.
A. M. Herr, wife and son, Lancaster, Pa.
Dana R. Herron, Olean, N. Y.
H. B. Howard, Chicago.
W. D. Howard, Milford, Mass.
R. J. Irwin, New York.
C. W. Johnson, Morgan Park, Chicago.
R. E. Jones, Richmond, Ind.
Geo. Keller, Rochester, N. Y.
Michael Keller, Rochester, N. Y.
R. H. Kemble, Oskaloosa, Ia.
W. E. Kemble, Oskaloosa, Ia.
Richard King, Elmira, N. Y.
R. O. King, North Tonawanda, N. Y.
R. G. Koenig, Elmira, N. Y.
Otto Koenig, St. Louis, Mo.
E. N. Kroninger, Allentown, Pa.
H. J. Krueger, Meadville, Pa.
J. B. Kueff, Sayre, Pa.
L. L. Lamborn, Alliance, O.
T. P. Langhans, Pittsburgh, Pa.
F. Lautenschlager, Chicago.
W. A. Manda, Orange, N. J.
H. F. Marquardt, New York.
Geo. Marshall, Pittsburgh, Pa.
C. H. Maynard and wife, Detroit, Mich.
E. C. McCallum, Pittsburgh, Pa.
Joseph Mongoli, Boston, Mass.
Marion Morgan, Pittsburgh, Pa.
W. Mott, Fishkill, N. Y.
E. A. Muchow, Clarence, N. Y.
J. A. Mueller, Rutherford, N. J.
Jas. B. Murdoch, Pittsburgh, Pa.
Walter Muston, Toronto, Ont.
J. A. Nelson, Framingham, Mass.
H. C. Neubrand, Cromwell, Conn.
H. P. Nenn, Rochester, N. Y.
W. R. Nicholson and wife, Cromwell, Conn.
Wm. Nicholson, Sr., Framingham, Mass.
Colin Ogston, Rochester, N. Y.
M. A. Patten, Tewksbury, Mass.
E. A. Peirce, Waltham, Mass.
A. A. Pembroke, Beverley, Mass.
F. R. Pierson, Tarrytown, N. Y.
W. R. Pierson and wife, Cromwell, Conn.
J. A. Peterson, Jr., Cincinnati, O.
Frank Putnam and wife, Tewksbury, Mass.
F. P. Putnam and wife, Lowell, Mass.
S. Redstone, New York.
Bert Rice, Rochester, N. Y.
E. A. Richards, Greenfield, Mass.
A. Roper, Tewksbury, Mass.
I. Rosnosky, Philadelphia, Pa.
W. N. Rudd, Morgan Park, Chicago.
E. Saunders and wife, Lewiston, Me.
F. R. Schlegel, Rochester, N. Y.
W. R. Schroeder, Milwaukee, Wis.
C. S. Schwake, New York.
C. W. Scott, New York.
S. S. Skidelsky, Philadelphia, Pa.
J. N. Spanabel, East Palestine, O.
A. J. Stahelin, Detroit, Mich.
W. J. Stewart, Boston, Mass.
H. B. Stringer, Rochester, N. Y.
C. S. Strout and wife, Biddeford, Me.
H. Tente, Rochester, N. Y.
Paul Thomann, Rochester, N. Y.
W. A. Tracy, Waverly, N. Y.
J. A. Valentine, Denver, Colo.
C. W. Ward, Jr., Queens, N. Y.
E. A. White, Ithaca, N. Y.
H. J. Wise, Erie, Pa.
R. Witterstaetter, Cincinnati, O.
W. G. Wyman, North Abington, Mass.
John Young, New York.
Nic Zweifel, Milwaukee, Wis.

Carnations From Field to the Present Time

Paper by Charles B. Herr, Strasburg, Pa., read before the Lancaster County Florists' Association, December 17, 1914.

This to my mind is a wide subject and has been written on repeatedly. To some of you it is no doubt "threadbare." We plant out the young plants from pots to the field, as early in May as we can, in rows twenty inches apart and eleven inches in the row, cultivating them with a hand harrow after every rain, and in dry season keep the harrow moving. The topping in the field can not be done too carefully; not waiting until a great number are ready. There may be in the first topping only a few hundred. All season we are trying to keep the plants down, never allowing them to get too high, as we find the high, leggy plants (as we may term them) are more liable to be hardwooded and have more dead foliage. Of course those high topped plants look larger (when they really are not) because they have less side shoots. Again you all know different varieties must be topped accordingly, but never allowed to get too high.

In preparing the houses for planting in time, which with us is the last week of August, we clean out all the soil and give the houses a thoroughly cleaning, whitewashing the sides of benches, the bottom boards are taken out, swept clean, and then floated in lime water, then are carried by forks on tracks to dry in the sun. After they are dry, we place as many on a pile as a man can readily carry. Next they are again taken back to their places and put on piles of four each. In that way they do not warp as they would if spread over the benches. We leave them on piles until we are ready to fill in the soil. In placing the bottom boards we allow a small space between each board, using excelsior to cover over cracks to keep the manure from falling through. The benches are then ready for the soil. I can say here, that by treating the bench boards in this way, we have been using a great many of the same boards ever since I have been in business, which is fourteen years.

We do not sieve or screen the soil, as we once did, but by handling it over two or three times and watching the clods when loading the barrows, we get it into good shape. By screening your soil, if you are not very careful, you will find a great deal of your best soil and manure wasted. I know it was so in our case. After the benches are filled with soil, we water them just enough for nice planting. Before planting, we shade the houses, and after planting three or four hundred, we water them and keep watering over and over to be sure the soil is saturated through. After that only giving them a light spraying two or three times a day, depending very much on the kind of weather we are having at the time. Ever trying to get the soil back to its normal condition, yet never allowing the plants to get too dry until they are well established, being very careful not to let drafts of air blow over them, for if they are once wilted, it will take some time to get them back to their normal condition again.

We take all the buds off when planting them in, and in fact, for some time after they are housed. Beacon for one will start a great many buds very soon after housing, with very short stems. I must say right here Beacon truly is a grand carnation, a free bloomer, fine habit of growth, and carries out to the end of the season with me, which last season was to the end of July, and so long as it does that for us we surely will not drop it. My argument is you are only taxing your plants when you allow them to bloom right after housing, as you are only getting flowers on very short stems and receiving very little money for them. Get your plants in good healthy condition and well established, then they will be ready for work when the flowers bring you more money. Just as soon as the plants are established, we put on the first wire and tie. I really think the carnation loses time if not kept tied up properly, and the less you handle them the better they like it.

The new varieties we are growing this season are Gorgeous, Matchless and Philadelphia. Gorgeous with us surely is a wonderful stem maker, with fine habit of growth, and has every promise of being a fine carnation. Matchless up to the present time has done very well. It, too, is a vigorous grower. If there is anything we could criticise, it would be the shortness of its stem. Philadelphia is a wonderful plant maker and a very clean grower. With us so far it has been a bit slow, but at present is full of buds. My experience has been, that after growing the new varieties the second year they prove themselves so much better from the first, that I think we do them an injustice in being too severe in our criticisms. For instance, the first year we grew Mrs. C. W. Ward, it was very short in stems and very uneven on the benches. In fact, we were not very much pleased with it, excepting the form and color of the flowers. Today its habit of growth and length of stem class it among our best.

In addition to the older varieties we are growing Supreme, Pink Delight, Benora and White Perfection, which are all doing well. We will drop Perfection another season, because of its tendency to give so many split flowers, and grow Matchless instead. Up to this time we have not cut one split flower from Matchless, of which we have one thousand. Supreme we will retain, and drop the others by reason of having too many varieties in this color.

Wood Ashes Valuable Potash Source.

If the European war should cause our large annual imports of potash to dwindle, many growers will look to wood ashes among other substances to replenish the potash supply. While the amount of wood ashes that a grower could accumulate on his own land would hardly ever be sufficient to supply his need for potash, nevertheless if they are carefully stored and not permitted to leach, they may be of considerable value to him, according to the United States Department of Agriculture. Wood ashes are now a factor in Canada, being considered a regular commercial commodity, and the large lumber mills and other plants using wood or sawdust for fuel in this country which at present make no use of the ashes from their furnaces or waste piles may find it profitable to store and sell them if the demand warrants it.

Wood ashes may be profitably applied as a top dressing to grass land and to pastures where they will encourage the growth of clover and better kinds of grasses which will then crowd out inferior kinds and weeds. Wood ashes may be also used for corn and roots. Because of their lime content they are not so good for potatoes although sometimes used for this crop. In New England, where growers have to look more carefully to the renewing of old soils than in some of the newer sections of the country, wood ashes have long been appreciated. Ashes indirectly increase the available nitrogen of the organic matter in the soil, and have been known to do excellent service in Europe on drained moorland.

Besides the potash, ashes contain other ingredients which are of value to plants; namely, about one or two per cent of phosphoric acid, a little magnesia, and a great deal of lime. The importance of these last-named elements is made plain by the esteem in which leached ashes are held by some of our growers, although from leached ashes all but a very small portion of the potash has been washed out. The grower who wishes to restore potash to the soil by the use of ashes should take great care that they are kept dry, and are not allowed to leach at all.

Ashes from hardwoods (deciduous trees) are richer in both phosphorus and potash than those from pines and other softwoods (conifers). Ashes from oak, elm, maple and hickory have more potash than those from pine. The ashes of twigs (faggots for example) are worth more for agricultural purposes than the ashes of heart-wood taken from the middle of an old tree. In general, the smaller and younger the wood burned, the better ashes. The ashes of coal do not contain enough potash to make them valuable in this connection. Ordinary house ashes contain on the average about eight or nine per cent of potash and two per cent of phosphoric acid. Investigators have considered that there is enough potash and phosphoric acid in a bushel of ashes to make it worth 20 or 25 cents. Besides that, some 10 to 15 cents additional might be allowed for the "alkali power" of the ashes. This power is that which enables ashes to rot weeds and to ferment peat. Of course, prices vary with local conditions. If wood ashes are purchased, the farmer should assure himself that they have neither been contaminated with coal ashes, nor adulterated with leached ashes. These facts determined that the place of burning has no effect on the value of the ashes as fertilizer. They are equally satisfactory whether taken from a stove, a fireplace or a bonfire.

POTASH IN ASHES OF COTTONSEED HULLS.

The hulls of cotton seed, according to specialists, yield ashes which contain from 18 to 30 per cent of potash and from 5 to 10 per cent of phosphoric acid. Cotton-hull ashes, therefore, as a fertilizer are much more concentrated than ordinary wood ashes. As a matter of fact, in the opinion of some investigators, the ashes from cottonseed hulls contain such a large proportion of potash that they might do considerable harm to crops if they were used in large quantities. These ashes have been used with advantage for manuring tobacco. They have in times past brought as much as $35 or $40 a ton in New England. One objection to the use of these ashes is their liability to vary widely in composition. This lack of uniformity is due to the fact that they

are burned as fuel at the oil-factories in conjunction with wood or coal. Those lightest in color have been considered the richest in potash by certain investigators.

Agricultural Extension Appropriations.

Of great importance to farmers is the Smith-Lever agricultural extension law. This grants federal appropriations for farm extension work, and it is believed will double the productiveness of American farms, according to the Chicago Herald. Each state is given an initial appropriation of $10,000, which is to be used by the state agricultural colleges, and the sum will be increased year by year. It will carry directly to the farm the scientific discoveries of the department of agriculture and the state agricultural colleges.

Among the important measures for the farmer put into effect during the year were the following:

To fight diseases of forest or ornamental trees—$40,000.

For farmers' co-operative demonstration work outside of the cotton belt—$400,000.

For co-operative demonstrations and to carry on the campaign against the ravages of the cotton boll weevil—$298,000.

To improve the method of collecting data relative to agricultural industries, including the acreage, yield and value of farm products—$32,000.

For co-operation with the states in the inspection of Irish potatoes where quarantine has been established by the secretary of agriculture—$50,000.

For the improvement of crop production under semi-arid and dry-land conditions—$30,000.

For experiments with new and rare seeds, looking to the improvement of grasses, alfalfa, clover and other forage crops—$166,500.

To complete the organization and expand the field work of the office of markets—$150,000.

Sowing Fern Spores.

ED. AMERICAN FLORIST:

Please advise what time fern spores should be sown to produce 2½-inch stock in November. I mean table ferns; also give a list of kinds most suitable for this work. E. E.

During the month of January is the best time to sow fern spores in preparation for good stock to be used next autumn, for some species are rather slow in the early stages of growth, the aspidiums requiring a longer time than the pteris in order to reach a useful size. Among the most satisfactory species and varieties for this purpose are the following: Aspidium tsussimense, Cyrtomium falcatum, Pteris cretica albo-lineata, P. Wilsonii, P. adiantoides, P. Mayii and P. Wimsetti. W. H. T.

JOHNSTOWN, PA.—Bruce Walker and his brother, George Walker, who recently purchased the greenhouses and flower store of William Schmidt, expect to open their place February 1, presenting to the public a model establishment.

MOBILE, ALA.—What is planned to be one of the greatest features of the Mardi Gras celebration this year is the agricultural, horticultural and fruit exhibition, preparations for which are now being made on an elaborate scale in the remodeling of the interior of the Alba building on North Royal street.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Asters in Design Work.

SEE SUPPLEMENT WITH THIS ISSUE.

The aster is one of the most popular of the summer flowers, it being so largely grown and in such a variety of colors, that it can be obtained in quantity at all times, in its season. The quality of the flowers has been much improved in recent years, until the select stock resembles the medium sized chrysanthemums. The rich purple, the lavender and the white, are colors much in demand, particularly for funerals, many beautiful effects being possible in design work and sprays. Nothing is more attractive for the wreath than the rich purple aster, arranged in combination with ivy leaves and sprays; it is especially appropriate for the funeral of an elderly person. The same on a foundation of prepared bronze magnolia or oak leaves is also very effective. Another made on a background of crested fern fronds, Smithii or elegantissima, is much admired.

It is always well to leave a portion of the ground or underwork to show as a part of the finished wreath. Many handsome wreaths are made of ivy, magnolia or other like foliage and a spray of asters laid on, or worked in, to have the same effect. In this case only half the form is covered with the spray, which is finished with a bow of ribbon, the ends woven in with the flowers. Crescent wreaths, all of asters one half lavender, the other purple, a full round wreath of all purple with a large spot of valley, or Sweetheart roses, or such a combination of other suitable flowers is sure to attract attention. Large crescent or round wreaths to be placed on easels can be made to look more important by the addition of two or three long sago leaves. These are placed as if pulled through from the top and fastened to the back of the bottom; they fill up the center space which can be further ornamented with asters of the same or another color, worked loosely on the front of the palms near the bottom. The pink, and pink and white in combination, also make up beautifully in wreaths for the funerals of younger persons. Gauze ribbon or chiffon bands add a finish to this lighter work.

K.

St. Valentine's Day.

This busy, sentimental anniversary is fast becoming one of the important flower days of the year. St. Valentine in looking about for something to help him could find nothing more lovely than flowers, so that for this day at least, lovely flowers are almost exclusively used to carry the messages of love and affection.

While just the blossoms themselves are beautiful they can be made more symbolic of the day and their mission, by the skill of the artist in their arrangement into dainty bunches and clusters, which are then delivered in heart-shaped boxes, tied with ribbons and gilt arrows, which stamps them at once as a gift from St. Valentine. Corsages of violets, combined with lily of the valley or orchids or gardenias, or of lily of the valley and gardenias or orchids and lily of the valley or just gardenias, are all very choice and sure to be admired. All should be properly ribboned, with miniature gilt or red hearts attached. Roses, particularly Sweethearts, or the small Wards, make up into beautiful clusters for the corsage. The forget-me-nots are ideal with either Sweetheart or Ward roses. A useful and quickly arranged shield that should accompany every bouquet to be worn is made of a sheet of wax paper in a number of folds so as to lie flat and when tied to the back of the bunch is invisible from the front and protects the dress perfectly. All corsage bouquets should have in addition to the best quality ribbon ties or cords, one or two good quality pins. St. Valentine wants the best and should have it.

Very often the best flowers just as they are, is the order; these should be very nicely arranged in a proper box. Many very pretty boxes suitable for long-stemmed roses with decorations emblematic of the day are now offered to the trade and can be seen in all up-to-date stores. When arranged in such boxes, almost any kind of flowers are appropriate for the day. The addition of a flower or two with a sprig of pussy willow and a couple of gilt arrows on the outside gives the package a very attractive appearance.

The supply men are alive with ideas running mostly to heart-shaped baskets and hampers in various combinations; some with handles, made in various colors and of more or less expensive materials and finish. All of these admit of great latitude in filling, some being plain and simple, while others can be made quite elaborate to suit the purse of the purchaser. Plants, particularly those in flower, are suitable for such gifts. Azaleas, cyclamens, daffodils, bulb pans of tulips and hyacinths, in suitable basket covers or done up with mats, or paper and appropriate ribbon bows, with small gilt or embossed hearts pinned on, all possess the necessary St. Valentine quality.

Valentine Day dinners are getting to be quite the vogue and give the artist an opportunity to show his skill in arrangements appropriate for the occasion. Plateaus in the shape of hearts of red roses or red carnations make appropriate centers, with corsages for the ladies and gardenias for the gentlemen at the plates. Hollow or outline hearts of violets on the table, with the roses in vases rising from the center to above the line of vision, make a pretty and graceful decoration. Heart-shaped hampers filled to overflowing, the flowers trailing out on the cloth, can be arranged to make a beautiful table.

From this time on Valentine's Day should be kept constantly in mind, so that all should be in perfect readiness. The windows should tell of the approaching visit of St. Valentine; it should be prominently to the front, both in the window and in the store. The day before is no time, the week before is even too late, two weeks is better, every day of publicity bears its fruit. Newspaper space is expensive, but where there is the necessary courage to take the step, it is nearly always found to pay.

Flowers promise to be in good supply for the middle of February. Push their sale for this occasion; make it a real flower day and have something distinctive, a creation of your own that will not be seen elsewhere. It will add to your prestige as an artist, and will pay.

K.

WREATH OF ASTERS AND MAGNOLIA LEAVES.

State Beautiful Campaign in Missouri.

An interesting campaign to beautify public roads, parks, church, school and cemetery grounds is being carried on by Frank W. Buffum, Missouri's highway commissioner, in connection with his activity for better highways. In Mr. Buffum's home town of Louisiana, Mo., the Stark Bros. Nurseries are located and he has observed that at the close of every shipping season the nursery people burned from 50,000 to 60,000 young fruit trees that had not been sold. He induced the nursery firm to give him those trees for distribution to towns and counties which would agree to plant and look after them. The freight is the sole expense to those applying for them.

As a result of this idea many miles of tree-bordered highways can be seen in the counties of northern-central Missouri. They are planted 70 to the mile on each side of the road. County courts or persons asking for the trees are notified that they will be expected to look after them carefully; this means that the weeds are to be kept down, the trees regularly sprayed and in dry weather the proper mulch created for the roots. Where no interest is shown in protecting the trees the commissioner does not repeat the gift.

The care of the trees by county courts will in time more than repay the early expenditure of labor, and the produce, Mr. Buffum figures, will yield a surplus to be devoted to road improvement. No complaint has been made that the fruit has been appropriated by the general public. The public is appreciative of an enterprise of that kind and will nearly always respect it. It is expected, of course, that the occasional tourist will help himself by the wayside to the fruit that he needs for the moment, and anyone who would steal the fruit to sell would steal as readily from a private orchard.

Cincinnati.

SUPPLY FINDS READY SALE.

The supply is still comparatively small and nearly all receipts find a ready sale. The demand for stock is active and steady, and is serving to keep the market cleaned up fairly well. Roses are the one best seller, the supply being limited, while the call for them is very good. More could have been used last week. American Beauties are doing well as far as sales are concerned. The carnation cut is a little larger than last week. However, all good receipts sell readily. The lily list includes Easter lilies, callas and rubrums and all are proving good property. Lily of the valley has a fair market. Double violets move slowly. Narcissi are selling better than they did for a while. Other offerings include single violets, orchids, sweet peas, jonquils, freesias and Roman hyacinths. Greens are plentiful.

NOTES.

Miss M. M. Carroll was the guest of honor at a recent surprise party at the Hotel Gibson, tendered by a few of her business associates in honor of her third year in "business harness" alone. Miss Carroll was presented with a beautiful token in silver and stated that her prospects in business are as bright as the silver.

C. E. Critchell and wife and R. Witterstaetter, left January 26 for the American Carnation Society meeting at Buffalo, N. Y.

Tom Joy, of Nashville, Tenn., was in the city last week.

C. E. Critchell has been getting some very fine rubrum lilies from Hoffmeister Floral Co. H.

Tarrytown Horticultural Society.

The monthly meeting of the Tarrytown Horticultural Society was held Wednesday evening, January 20, and a large attendance of the old members was on hand to welcome the new president, Wm. Jamison, who was in the chair. As the monthly prize was to be awarded for the best flowering plant, a good many well-grown plants were exhibited, A. Weeks capturing first prize with a fine specimen of Chorizema coradatum splendens. Some very good primulas and cyclamens were shown by T. Morris, W. Jamison, J. Elliott and G. McIntosh. H. Nicholls was awarded a certificate of merit for seedling Dracæna Glenview, a cross between amabilis and terminalis. A very lively discussion followed the examination of exhibits, by J. Bradley, J. Mooney, T. Morris, Wm. Scott and other members of the society. It was very gratifying to note the large attendance at this meeting.

THOS. A. LEE, Rec. Sec'y.

Ft. Wayne, Ind.

BUSINESS CONTINUES GOOD.

There has been a heavy run on funeral work, and an abundance of social functions during the past two weeks has made business very good. The cold weather has checked the rose crop, and there is a scarcity in carnations just at present. Red roses are very scarce, and there are not enough Richmonds to supply the demand. Yellow roses are very popular, especially the Sunburst and Hillingdon varieties. There is the midwinter supply of flowers in variety, such as tulips, jonquils, daffodils, sweet peas and snapdragons. Easter lilies as well as callas are abundant, and find a big call in funeral work. There is a fine assortment of blooming plants on the market.

NOTES.

The Flick Floral Company had charge of the extensive decorations for the opening of the new Palace vaudeville theatre January 25. The decorations consisted principally of quantities of American Beauty roses and southern smilax. This firm had charge of the decorations for the Fee-Heit wedding, which was a society event January 5. Killarney roses, banks of ferns and southern smilax formed the house decorations. A novelty feature was the charming hats filled with Sunburst roses and tied with long Sunburst ribbons carried by the bridesmaids. The bride's bouquet was of lily of the valley and orchids made in colonial style.

The Vesey greenhouses are cutting some splendid Madame Shawyer roses. Their orchids have been producing some fine flowers this winter.

F. Johnson of the Johnson Floral Co. of Kendallville, Ind., was a recent visitor.

Lanternier Bros. have been extremely busy with funeral work.

H. K.

Nebraska State Florists' Society.

The Nebraska State Florists' Society, in conjunction with the Nebraska State Horticultural Society held their annual meeting at Lincoln, Neb., January 19. Both societies made a very creditable display of flowers and fruits. C. H. Frey, especially, showed a fine lot of roses and carnations. His seedling Nebraska attracted the attention of the florists in general. E. C. Pruner representing Poehlman Bros. Co., Chicago, displayed a nice lot of new roses and carnations. Carnation Sensation was much admired. Good papers were delivered by J. R. Wilson, of Des Moines, Ia.; Irwin Frey, of Lincoln; C. H. Green, Fremont; Chas. Stewart, Omaha; L. Henderson, Omaha; Ed. Williams, Grand Island. The State Horticultural Society decided to let the florists "paddle their own canoe," giving them their share of money allowed by the state for premiums on plants and cut flowers exhibited at the state fairs, and let the florists make up their own premium list as they see fit. The florists gave a banquet, January 19, at the Lindell Hotel, separate from the horticulturists and being the first one, it certainly was a good one. J. J. Hess, of Omaha, suggested to form one florists' society of Iowa and Nebraska, to be able to get the 100 members or more which will enable the society to have a representative on the board of directors of the S. A. F. & O. H. J. J. Hess was elected first vice-president of the State Horticultural Society for the ensuing year. Ed. Williams, of Grand Island, was reelected president and L. Henderson, of Omaha, was reelected secretary of the Nebraska State Florists' Society. C. H. Frey invited the visiting florists to inspect his greenhouses and his hopitality was accepted. All the florists expressed themselves very flatteringly as to the quality of cut flowers and plants Mr. Frey is growing.

Montreal.

Trade since last week has been quiet at times, but with some very busy days interspersed. Funeral work when it comes seems to come in heavily. The number of prominent men, especially retired military men, dying, is remarkable, and reading the nerve-racking war news appears to be the cause. The supply of cut blooms is fully up to the demand, and if it were not for the periodical call for funeral work there would be an over supply. The quality, especially of roses, has greatly improved lately. There is little call for flowering plants, but considerable demand for ferns and fern dishes, the local fern growers being sold out again. This was reported last fall, later denied, but now admitted.

NOTES.

H. B. Cowan, of Peterborough, president of the Canadian Horticultural Association, has offered a trophy for competition among florists' and gardeners' clubs of Canada. The award will be based upon increasing public interest in horticulture, increasing the size and efficiency of the clubs, encouraging essays, holding exhibitions, etc.

The local seedsmen seem to be able to supply seed the same as usual. Their catalogues are out, promising all the latest novelties, and a full line, at the same prices as usual.

The war has caused one member of the Montreal Gardeners' and Florists' Club to fight for the king. It was decided to keep him in good standing until his return.

R. Scott for the second time has made off with the best euchre prize.

At the February meeting a paper on perennials will be read.

J. L.

OBITUARY.

B. W. Speece.

B. W. Speece, who for the past 16 years had conducted a greenhouse at Carthage, Mo., died at his home in that city January 18, aged 85 years. He was engaged in the flower business at the time of his death. His widow and three children survive.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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RENEW your subscription now.

TEXAS has requested of its state legislature an appropriation of $10,000 to start a range of greenhouses for experiment work in floriculture and other lines. If the appropriation is made it is understood the greenhouses will be located at the Agricultural and Mechanical College of Texas, College Station, under the special direction of Prof. E. J. Kyle.

ONE of our correspondents called attention to an item in an English publication to the effect that Dutch firms were shipping lilac and other cut flowers to the United States and that where nursery stock and other raw materials imported from Holland provide work for American labor, cut flowers are a finished product and pay nothing to American labor, not even a selling commission.

American Sweet Pea Society.

The following additional prizes have been received:

The Thorburn prize—Silver cup, for the best 12 vases sweet peas, 12 Spencer varieties, 25 blooms to a vase.

The Lord & Burnham Co. prize (florist growers only)—A gold watch; for the best display of sweet peas.

Watkins & Simpson prize—Ten dollars, first prize, for the best six vases Spencer sweet peas, six varieties, 25 flowers to a vase.

The preliminary schedule is now ready for distribution and can be had on application.

HARRY A. BUNYARD, Sec'y.

American Gladiolus Society.

DEPARTMENT OF PLANT REGISTRATION.

The nomenclature committee of the American Gladiolus Society has approved the application of Herman H. Baer, New Hyde Park, N. Y., to register the variety, Hyde Park, and the application of Dr. C. Hoeg, Decorah, Iowa, to register Jack Frost, Pocahontas and Zingari. The varieties are described as follows:

Hyde Park (Baer). Color rosy white, becoming Rose Neyron red at the outer edges of the petals. Throat lemon yellow, slightly shaded deep rose pink, petals feathered same color, which is especially noticeable when grown under glass. Stamen filaments white with pink tips. Anthers white with lilac sutures. Bloom medium size; tube curved, slender, long. Segments unequal, connivent, the upper horizontal and broad, the lower reflexed and narrower. Midseason. Spike tall, erect, branched, often two spikes per corm. A fair number of flowers per spike. Growth vigorous and well furnished with medium broad leaves. Corms medium large. Cormels prolific. Originated with H. Baer, New Hyde Park, Long Island, N. Y., and introduced in 1914 by Vaughan's Seed Store.

Jack Frost (Hoeg's No. 175). Color pure white, penciled Tyrian rose upon an amber white throat. Bloom medium large; tube nearly straight, stout, short. Segments unequal, connivent, the upper horizontal and broad, the lower reflexed and narrower. Midseason. Spike medium tall and erect. A fair number of flowers per spike. Growth vigorous and well furnished with very broad leaves. Corms medium large. An excellent compact, white, of good substance. Originated with Dr. C. Hoeg, Decorah, Iowa.

Pocahontas (Hoeg). Color amaranth red with a lemon yellow throat, blotched plum violet. Stamen filaments creamy white. Anthers violet. Bloom large, tube curved moderately slender and of medium length. Segments unequal, connivent, the upper horizontal and very broad, the lower reflexed and narrower. Season early September. Spike medium tall, erect, not branched, frequently two spikes per corm. A fair number of flowers per spike. Growth good, well furnished with medium broad leaves. Corms medium large. The color of this variety is excellent, deep and attractive. The bloom is compact and has excellent substance. Originated with Dr. C. Hoeg, Decorah, Iowa.

Zingari (Hoeg's No. 96). Color Rose Neyron red with the edges of the petals lighter, blotch carmine purple, with a dash of lemon yellow at the tip of the blotch. Stamen filaments white. Anthers lilac. Bloom medium size, tube curved, slender, long. Segments unequal, connivent, the upper horizontal and broad, the lower reflexed and narrower. Mid to late season. Spike medium short, erect, not branched, often two spikes per corm. A fair number of flowers per spike. Growth vigorous and well furnished with broad leaves. Corms medium size. A compact bloom of good substance. An especially good pink variety at the trial grounds. Originated with Dr. C. Hoeg, Decorah, Iowa.

A. C. BEAL, Chairman.

New York Flower Show.

Announcement of dates for the third International flower show under the auspices of the Horticultural Society of New York and the New York Florists' Club, was made last week. The exposition will open Wednesday, March 17, in Grand Central Palace, New York, continuing until March 23, inclusive. Among the features this season will be a number of unusually fine exhibits which will be sent directly after the show to the Panama-Pacific Exposition at San Francisco—either the original plants and blossoms or (in the case of perishable flowers) duplicates being shipped across the country in refrigerated cars. Indications are that the list of exhibitors will be considerably greater this year than heretofore, several hundred private and trade entries being already promised. There will be much shown that is new, a number of horticulturists having produced varieties of plants during the past season that are especially notable.

F. R. Pierson of Tarrytown, N. Y., is chairman of the show; T. A. Havemeyer, vice-chairman; Frederic R. Newbold, treasurer, and John Young, secretary. The committee of the Horticultural Society includes F. R. Pierson, F. R. Newbold, T. A. Havemeyer, George V. Nash, Professor N. L. Britton, James N. Stuart, Joseph A. Manda and M. C. Ebel. The committee of the New York Florists' Club includes William H. Duckham, C. H. Totty, Frank H. Traendly, Julius Roehrs, W. H. Siebrecht, Sr., W. R. Pierson, F. L. Atkins, John Young and Rich G. Hollaman. Entries should be made through Secretary John Young, 53 West 28th street, New York.

National Botanical Garden.

The removal of the United States botanic garden, at Washington, D. C., to an exquisite spot in Rock Creek park, has been provided for in a bill introduced by Representative James L. Slayden, of Texas, chairman of the house committee on library, which proposes also to transfer control of the garden to the department of agriculture. This bill has been passed by the house and is now pending before the senate library committee.

It is hoped the government will confine the new botanic garden to its proper scientific functions and not make it a common nursery to provide congressmen and their friends with plants which can be purchased through commercial nurserymen and florists.

State Florists' Association of Indiana.

At the invitation of F. Dorner & Sons Co., the February meeting of this association will be held Tuesday, February 2, at LaFayette. There will be visiting all day. Indianapolis members will leave the Terminal traction station in that city at 8:15 a. m. Since you will be an honored guest of F. Dorner & Sons for that day, kindly mail to Theo. Dorner, a card to arrive a day or two before the meeting, and advise him if you intend to be present.

O. E. STEINKAMP, Sec'y.

Club Meetings Next Week.

Detroit, Mich., February 1, 8 p. m.—Detroit Florists' Club, Bemb Floral hall, 153 Bates street. R. H. Wells, secretary, 827 Canfield avenue, Detroit.

Montreal, Que., February 1, 8 p. m.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette street, Montreal.

Buffalo, N. Y., February 2, 8 p. m.—Buffalo Florists' Club, Kasting's hall, 385 Ellicott street. Wm. Legg, secretary, 889 West Delaware avenue, Buffalo.

Dayton, O., February 2, 8 p. m.—Dayton Florists' Club, 37 East Fifth street. Horace M. Frank, secretary, 112 South Main street, Dayton.

Lake Geneva, Wis., February 2, 8 p. m.—Gardeners' and Foremen's Association, Horticultural hall. Wm. H. Griffiths, secretary.

Los Angeles, Calif., February 2, 8 p. m.—Los Angeles County Horticultural Society, 237 Franklin street. Henry W. Kruckeberg, secretary, Los Angeles, Calif.

Milwaukee, Wis., February 2, 8 p. m.—The Milwaukee Florists' Club, Quiet house, 86 Mason street. Eugene Oestreicher, secretary, North avenue and Fifty-fifth street, Milwaukee.

Minneapolis, Minn., February 2, 8 p. m.—Minneapolis Florists' Club, Rice Bros., 218 North Fifth street. Wm. J. Vasatka, secretary, 3340 Chicago avenue, Minneapolis.

Philadelphia, Pa., February 2, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street, above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., January 2, 8 p. m.—Pittsburgh Florists' and Gardeners' Club, Fort Pitt hotel, Tenth street and Penn avenue. H. P. Joslin, secretary, 7202 Perrysville avenue, Ben Avon, Pa.

Washington, D. C., February 2, 8 p. m.—The Florists' Club of Washington, D. C., 1214 F street, N. W. C. L. Linz, secretary, 635 Tenth street, N. E., Washington.

Louisville, Ky., February 3, 8 p. m.—The Kentucky Society of Florists, Masonic Temple. August Baumer, secretary, Masonic Temple, P. O. Box 295, Louisville.

Albany, N. Y., February 4, 8 p. m.—Albany Florists' Club, 611 Broadway. Robert Davidson, secretary, 139 Second street, Albany.

Chicago, February 4, 8 p. m.—Chicago Florists' Club, Hotel Bismarck, 175 West Randolph street. Guy W. French, secretary, Morton Grove, Ill.

Tacoma, Wash., February 4, 8 p. m.—Tacoma Florists' Association, Maccabee hall, Eleventh and C streets. F. H. Atchison, secretary, South Fiftieth and East F streets, Tacoma.

Lake Forest, Ill., February 5, 8 p. m.—The North Shore Horticultural Society, City Hall. E. Bollinger, secretary, Lake Forest.

Lenox, Mass., February 6, 8:15 p. m.—Lenox Horticultural Society, Town Hall. Geo. H. Instone, secretary, Lenox.

San Francisco, Calif., February 6, 8 p. m.—Pacific Coast Horticultural Society, Sachem hall, Redmen's building, 240 Golden Gate avenue. W. A. Hofinghoff, secretary, 432 Phelan building, San Francisco.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Young man 24 years of age, thoroughly experienced in all branches of the florist business, wishes position at once. Address Key 473, care American Florist.

Situation Wanted—Work in greenhouse by a young Dane, seven years' experience, can do all kinds of floral design work. References furnished. A. MENGEL 66 High St., Oshkosh, Wis.

Situation Wanted By a practical middle aged florist; life experience growing roses, carnations, chrysanthemums decorative and bedding plants. Single, sober; state wages and particulars. Key 467, care American Florist.

Situation Wanted—As working florist, by middle aged man; many years experience in England, Canada and United States as private and commercial grower; total abstainer. Address HENRY TUCKER, 210 North Tod Ave., Warren, Ohio.

Situation Wanted—As working foreman by practical and experienced landscape gardener. Scientific, experienced and practical. Middle aged, Temperate, industrious and well recommended. Address Key 471 care American Florist.

Situation Wanted March 1st, as superintendent or head gardener on private place. 15 years' experience in both greenhouse and landscape work. Competent to lay out work and handle men. Single man. Best of references. Address Key 472, care American Florist.

Situation Wanted—For March 1st, by a practical all-around grower, competent to produce first-class stock and manage any kind of place. Commercial or private institution. Strictly honest, sober and reliable. Best references. State particulars. Address, Key 415, care American Florist.

Help Wanted—A florist to take charge of green house and ground. Established trade. Low rent. Must act quick, better opportunities do not exist. LEHMANN'S SEED STORE, Baton Rouge, La.

Help Wanted—A first-class, reasonable priced florist and landscape gardener of good recommendations. Permanent position. With references and experiences. Address. LOUISIANA HOSPITAL FOR THE INSANE, Jackson, La.

Wanted To Rent—Party wants to rent three or four small greenhouses with right of buying. State terms and purchase price in first letter. Address Key 468, care American Florist.

For Sale—One 60 in. x 18 ft. boiler, good for 160 lbs. working pressure. Shaking grate and superheater. Good as new. ALLEN B. WRISLEY CO., 925 S. 5th Ave., Chicago.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

Greenhouse For Sale or Rent—Up-to-date iron structure 148x45 ft all in one house; well stocked for spring trade. Practically no competition in town of 800. Must be rented or sold at once on account of ill health. C. W. MOORE, Clinton, Illinois.

Situation Wanted.

As Manager or Foreman by a practical grower of cut flowers and plants; over 30 years experience; single; a capable supervisor. Commercial or institution. Excellent credentials. State wages. Address, **Key 469, care American Florist.**

Help Wanted

Civil Service Commissioners Lincoln Park, N. Clark and Center Sts., will hold an examination for position of gardener on February 3rd, 1915. Examination open to men 28 to 50 years of age. Further information supplied at the office of Lincoln Park, N. Clark and Center Sts., Chicago. Phone Lincoln 2410.

JOHN C. CANNON, Supt. of Employment.

HELP WANTED.

Party contemplating opening a Wholesale Floral Commission house wants to get in touch with experienced commission man. Must be energetic, capable and already acquainted with trade. Have plenty capital and pledge of accounts if right manager can be obtained. Rare opportunity. References required. Only those competent need apply. Address Key 416, care American Florist.

LANDSCAPE ARCHITECT

Practical landscape gardener and nurseryman with college training; experienced in drawing surveying, laying out, grading, road construction, planting, natural wood work, etc., etc.; best experience in nursery and perennial garden; wishes steady position with city, cemetery or leading landscape firm; able to handle help and take full charge of department; state full particulars in first letter. Address

Key 414, care American Florist.

FOR SALE.

Two 72-inch diameter by 16 feet long Tubular Return Boilers, good for 80 lbs. steam pressure. Will sell cheap for cash.

BIRD & SON,
East Walpole, Mass.

Florists' Attention!

We have on hand ready for shipment all material necessary for the superstructure of a **Modern Iron Frame Lutton Greenhouse, 42 ft. wide x 150 ft. long.** We will dispose of this material for **$1,300.00** F. O. B. our factory. Remember everything is new and strictly first class; just the same kind of a house that has made the **Lutton** reputation. We will send you even the **Galvanized Nails, Bolts and screws** for assembling the house. Plans sent on request.

William H. Lutton Company
JERSEY CITY, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

New 1914 Edition. **Price $3.00, Postpaid.**

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Pittsburgh.

TRADE PROSPECTS GOOD.

We feel safe in saying that the market has improved to a very noticeable extent since the last writing, as the dark weather and continued snowstorms we have experienced the past week have cut down the supply of staple stock greatly. Consequently, prices are better, and prospects are they will stay "good" for some time to come, as the cold weather is evidently here to stay. There are just enough carnations and roses to go around, it seems. Sweet peas, white lilac, violets and lily of the valley abound in great quantities. Tulips are a prominent factor, as are also Dutch daffodils. Lilies remain as scarce as ever. The supply of green goods is limited, and more could be used.

NOTES.

Harris Bros. and George A. Manos were the victims of a swindling fellow-countryman recently, who used as a ruse his supposed influence to obtain for them a large funeral order. His spoils for about two hours' work amounted to $35.00.

Gidas and Pyros, the Oakland florists, expect to move their cut-flower department to an adjacent storeroom in the near future. They are at present handicapped for space to handle flowers in the right way.

Wm. Loew had the misfortune to fall from a high ladder recently, but the best he could show in return was a sprained wrist. He says he never had a bit of good luck in his life.

The new building of the Pittsburgh Cut Flower Co. is rapidly nearing completion, and the firm will probably be in their new quarters in the early spring.

There has not been much talk of the American Carnation Society convention in our city, and but few have signified their intention of attending.

Word comes from Harrisburg that the state flower may be again changed within the near future. At present it is the white daisy.

C. Phillips has opened a flower shop at Forbes street and Dallas avenue, adjoining the Homewood cemetery.

John Martin, formerly in the wholesale trade in Pittsburgh, called on his old friends January 23.

Visitors: J. S. Hennon, New Castle, Pa.; Oscar Leistner, Chicago; L. M. Reiter, president, A. Leipsig, Inc., New York; A. Ransfelder, Manhattan Ribbon Co., New York.

J.

Oklahoma City.

We are having a touch of winter weather again; no snow or blizzards, just low temperature and clear sunshine through the middle of the day. Business has picked up quite a little and a more optimistic tone is noticed among the store-keepers.

John Stuppy of the Stuppy Floral Co., St. Joseph, Mo., was a caller this week on his way home from an extended southern trip. J. W. Furrow took him to Guthrie in his automobile, where he spent the day, and from there he proceeded home.

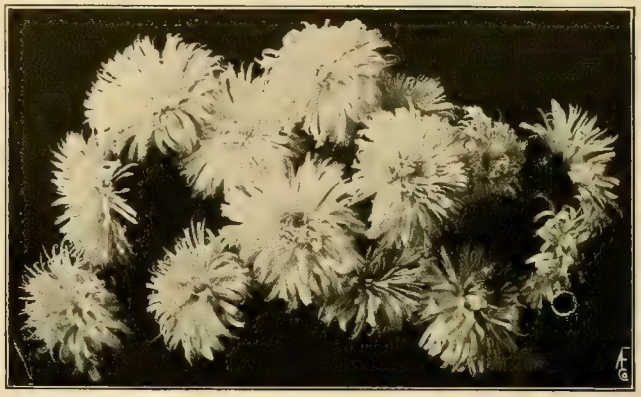
S. S. B.

OKLAHOMA CITY, OKLA.—A meeting of creditors of the Stiles Co. has been called for February 5. It is said the liabilities will exceed $7,000.

CHARLESTON, S. C.—T. T. Bolger has purchased the entire interest of the Bolger & Ernest Co., successors to Connelley-McCarty Co., and has removed to 88 Society street. In his new location he has one of the most modern and up-to-date flower shops in the South. Associated with him as designer he has Alex. S. Sawyer, formerly with Gude Bros., Washington, D. C.

New Pacific Beauty

Has the **keeping qualities** and that delightful shade of **rich true lavender** so **desirable** to every florist, which **marks this new Aster** as a novelty of the **greatest merit.**



⅛ oz., $1.00; ¼ oz., $2.00; ½ oz., $4 00; oz., $8 00.

Ask for complete descriptive list of high grade Asters for florists. All seed absolutely fresh 1914 stock of only the best varieties and every ounce we sell is grown in our own fields each year.

HERBERT & FLEISHAUER

Aster Specialists **McMinnville, Oregon**

SEASONABLE STOCK

Large Quantities Ready For Immediate Shipment.

	Doz.	100	1000
Acalypha, Macafeana, 2 in.	$0.50	$3.00	$18.50
Alyssum, Double Giant and Dwarf, 2 in.	.40	2 00	18.50
3 in	.75	3 00	25.00
Alternantheras, 2 in., 10 var.	.50	2 00	18.50
Asparagus Sprengeri, 3 in..	.75	4.00	
Begonia Vernon, mixed, 2 in.	.40	2.00	18 50
3 in	.75	3.00	25.00
Begonia Gloire de Chatelaine, 2 in	1.00	4.00	
Chrysanthemums, Hardy Pompon, 100 var., 2 in	.50	2.00	18.50
3 in	.75	3.00	25.00
Fuchsias, 20 var., 2 in	.50	2.00	18.50
3 in	.75	3.00	25.00
Geraniums, 50 var., standard sorts, 2 in	.50	2.00	18.50
3 in	.75	3.00	25.00
Hardy English Ivy, 2 in	.50	2.00	18.50
3 in	.75	3.00	25.00
Lantanas, 10 var., 2 in	.40	2.00	18.50
3 in	.75	3.00	18.50

	Doz.	100	1000
Lemon Verbenas, Aloysia citriodora, 2 in	$0.40	$2 00	$18.50
3 in	.75	3.00	25.00
Moonvines, white and blue, 2 in	.40	2 00	18 50
3 in	.75	3.00	25.00
Petunias, double mixed and single mixed, 2 in	.40	2.00	18 50
3 in	.75	3.00	25.00
Petunias, double white, 2 in..	.50	3 00	25.00
3 in	.75	4.00	
Salvia, Bonfire and Zurich, 2 in	.40	2.00	18.50
3 in	.75	3.00	25.00
Parlor Ivy (Senecio Scandens) 2 in	.40	2.00	18.50
3 in	.75	3.00	25.00
Swainsonia, pink and white, 2 in	.40	2.00	18.50
3 in	.75	3.00	25.00
Dahlia Roots and Canna Roots.			

Send for our regular wholesale catalogue.

R. VINCENT, Jr. & SONS CO., = White Marsh, Md.

CARNATION CUTTINGS

Finest in the land. Big value for your money.

Enchantress,	per 1000, $20.00
White Enchantress,	" " 20.00
White Wonder,	" " 25.00

Sinner Bros.

56 East Randolph Street, CHICAGO

THE GEO. WITTBOLD CO.

739 BUCKINGHAM PLACE, CHICAGO

SPECIAL WHOLESALE PRICE LIST of DECORATIVE PLANTS, Etc.

WINTER AND SPRING, 1915.

FERNS

Adiantum Cuneatum, 3-in., at $1.00 per doz.; $8.00 per 100.
Asplenium Nidus Avis, the Bird's Nest Fern, 4 in., at $6.00 per doz.
Asplenium Nidus Avis, the Bird's Nest Fern, 5-in., at $12.00 per doz.
Asplenium Nidus, larger specimens, at $2.50 and $3.00 each.
Assorted Ferns for dishes, at $3.00 per 100.

BOSTON FERNS

2-in., 50c per doz.; $4.00 per 100.
3-in., $1.00 per doz.; $7.00 per 100.
4-in., $1.50 per doz.; $12.00 per 100.
5-in., $3.00 per doz.; $25.00 per 100.
6-in., $6.00 per doz.; $50.00 per 100.
7-in., at 75c each; $9.00 per doz.
8-in., at $1.00 each; $12.00 per doz.
9-in., at $1.50 each; $18.00 per doz.
Larger specimens, at $2.00, $2.50 and up each.
Boston Ferns, hanging baskets, at $1.00 each.
Boston Ferns, hanging baskets, at $3.00 and $4.00 each.
Boston Ferns, extra large hanging baskets, at $3.00 and $4.00 each.
Cyrtomium Falcatum, 2-in., at $3.00 per 100; $25.00 per 1,000.
Cyrtomium Falcatum, 3-in., at 50c per doz.; $6.00 per 100.
Cyrtomium Falcatum, 4-in., at $1.50 per doz.; $12.00 per 100.
Cyrtomium Falcatum, 5-in., at $2.50 per doz.
Cyrtomium Falcatum, 6-in., at 35c each; $4.00 per doz.
Whitmani Ferns, 2-in., at $4.00 per 100.
Whitmani Ferns, 3-in., at $1.00 per doz.; $8.00 per 100.
Whitmani Ferns, 4-in., at $2.00 per doz.; $15.00 per 100.
Whitmani Ferns, 5-in., at $3.00 per doz.
Whitmani Ferns, 5-in., made up, at $3.00 per doz.
Whitmani Ferns, 6-in., at $6.00 per doz.

PALMS

Areca Lutescens:
2-in., at $1.20 per doz.; $9.00 per 100.
3-in., at $2.00 per doz.
4-in., at $3.00 per doz.
6-in., 18 to 24 in. high, at 75c; $9.00 per doz.
Cocos Weddelliana:
3-in., at $2.50 per doz.
2-in., at $1.75 per doz.; $14.00 per 100.

KENTIA BELMOREANA

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	12-14-in.		4.50	35.00
5-in.,	5-6	15-18-in.		6.00	50.00
7-in.,	6-7	30-32-in.	$ 2.50		
8-in.,	6-7	48-in.	7.00		
8-in. tubs,	6-7	60-in.	10.00		
9-in. tubs,	7-8	72-in.	13.00		

KENTIA FORSTERIANA

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	14-16-in.		4.50	35.00
5-in.,	5-6	16-18-in.	$ 0.50	6.00	
5-in., extra strong,			.75	9.00	
6-in.,	5-6	18-24-in.	1.00		
7-in.,	6-7	36-40-in.	2.25 to $2.50		
7-in.,	6-7	44-48-in.	4.00		
8-in.,	6-7	60-64-in.	8.50		
8-in.,	6-7	64-68-in.	9.00		
9-in.,	6-7	72-in.	11.00		
9-in.,	7-8	80-84-in.	12.00		
9-in.,	7-8	84-88-in.	15.00		

KENTIA, MADE UP

Belmoreana, 5-in., 3-4 in a pot, at 50c and 75c each.
Forsteriana:
7-in., 24-30-in. high, at $2.00 and $2.50 each.
8-in. tubs, 36-in. high, at $4.00 each.
9-in. tubs, 40-in. high, at $5.00 each.
9-in. tubs, 48-in. high, at $7.50 each.
9-in. tubs, 52-56-in. high, at $9.00 each.
9-in. tubs, 66-70-in. high, at $12.00 each.
9-in. tubs, 72-80-in. high, at $15.00 each.
6-in., 3-4 in a pot, 20-24 in. high, at $1.25; $15.00 per doz.
6-in., 3-4 in a pot, stronger, at $1.50; $18.00 per doz.
7-in., 3-4 in a pot, at $2.50 each.
Latania Borbonica:
2-in., at $5.00 per 100.
3-in., at $10.00 per 100.
4-in., made up, at 25c; $3.00 per doz.
Phoenix Canariensis:
7-in., 24 in. high, at $1.50.
8-in., 30 in. high, at $2.50.
9-in., 48-50 in. high, at $6.00-$7.00.
9-in., 60-64 in. high, at $12.00.
Extra large, 7 feet and more, at $40.00.

PHOENIX RECLINATA

Fine 3-in. stock, at $1.25 per doz.; $10.00 per 100.
Fine 4-in. stock, at $3.00 per doz.; $24.00 per 100.

ASPARAGUS

Asparagus Plumosus, 2-in., at $3.00 per 100.
Asparagus Plumosus, 3-in., at $6.00 per 100.
Asparagus Plumosus, 4-in., at $1.50 per doz.; $12.00 per 100.
Asparagus Sprengeri, 2-in., at $2.50 per 100.
Asparagus Sprengeri, 3-in., at $5.00 per 100.
Asparagus Sprengeri, 4-in., at $1.25 per doz.; $10.00 per 100.

BAY TREES

Standards: Stem	Crown	Price per pair
2 ft.	20-22-in.	$10.00
2 ft.	24-in.	12.00
2 ft. 6 in.	2 ft.	12.00
3 ft.	2 ft.	12.00
4 ft.	2 ft. 3 in.	16.00
4 ft.	2 ft. 6 in.	20.00
2 ft. 5 in.	2 ft. 6 in.	20.00
4 ft.	3 ft.	25.00
4 ft.	3 ft. to 3 ft. 6 in.	30.00

BOXWOOD

Bushes, 10-in., at 25c; $3.00 per doz.
Bushes, 12-in., at 30c; $3.60 per doz.
Bushes, 12-in., extra heavy, 10 in. wide, at 40c; $4.80 per doz.
Bushes, 15-in., at 50c; $6.00 per doz.
Bushes, 18-in., at $1.00.
Bushes, 24-in., at $1.25.
Pyramids, 30-in., at $2.00.
Pyramids, 36-in., at $3.00.
Pyramids, 3½-ft., at $3.50.
Pyramids, 4-ft., at $4.00.
Standards, 2-ft. stem, 12-15-in. crown, $2.00.

MISCELLANEOUS PLANTS

Araucaria Excelsa:
4-in., at 50c; $6.00 per doz.
Araucaria Excelsa Compacta:
5-in., at $1.25 each.
6-in., at $1.50 each.
Araucaria Excelsa Glauca:
5-in., at $1.25 each.
Dracaena Fragrans:
3-in., at $1.80 per doz.
4-in., at $3.00 per doz.
5-in., at $6.00 per doz.
Dracaena Hybrida Lord Wolseley, fine plants, 4-in., at 50c.

DRACAENA INDIVISA

2-in., at $3.00 per 100.
3-in., at 75c per doz.; $5.00 per 100.
4-in., at $1.25 per doz.; $10.00 per 100.00.
5-in., at $3.00 per doz.; $24.00 per 100.
7-in., at 50c and 75c each; 7-in., extra fine plants, at $1.00 each.
Dracaena Lindenii, 4-in., at $6.00 per doz.
Dracaena Massangeana, 3-in., at $2.50 per doz.
Dracaena Massangeana, 4-in., at $5.00 per doz.
Dracaena Massangeana, 5-in., at $7.00 per doz.
Dracaena Terminalis, fine plants, 5-in., at 75c.

FICUS ELASTICA

We have a fine stock of these popular house plants.
4-in., at $3.00 per doz.; $24.00 per 100.
5-in., at $4.20 per doz.; $34.00 per 100.
6-in., at $6.00 per doz.
Ficus Pandurata, 4-in., at 50c each.
Ficus Pandurata, 5-in., at 75c each.
Ficus Pandurata, 6-in., at $2.50 each.
Hydrangeas, Otaksa, 5-in., 3-4 leads, $3.00 per doz.
Hydrangeas, Otaksa, 9 and 10-in., extra strong, at 75c and $1.00 each.
Hydrangeas, French varieties, pink, white and blue mixed.
Hydrangeas, 5-in., at $2.40 per doz.

IVY, ENGLISH

2-in., at $2.50 per 100; $24.00 per 1,000.
4-in., bushy plants, with long vines, at $10.00 and $12.00 per 100.
Laurocerasus Schipkaensis, evergreen ornamental shrubs, at 75c each.
Pandanus Veitchii, 3-in., at $3.50 per doz.
Pandanus Veitchii, 4-in., at $6.00 per doz.
Pandanus Veitchii, 5-in., at $9.00 per doz.
Petunias, double assorted or in separate colors, pure white and violet, at $3.00 per 100.
Primula Obconica, 5-in., at $1.00 per doz.; $8.00 per 100.
Snapdragons, Silver Pink, 4-in., at $2.00 per doz.; $15.00 per 100.
Tradescantia Zebrina, 2-in., at $2.00 per 100.
Tradescantia Zebrina, 3-in., at $6.00 per 100.
Tradescantia Zebrina, 4-in., at $8.00 per 100.
Tradescantia Albo-striata, white striped, 2-in., at $4.00 per 100.
Tradescantia Albo-striata, white striped, 4-in., at $1.00 per doz.; $8.00 per 100.
Verbenas, assorted, 2-in., at $3.00 per 100.
Vincas, variegated, 2-in., at $3.00 per 100.
Vincas, variegated, 3-in., at $6.00 per 100.
Vincas, variegated, 4-in., bushy, with long vines, at $10.00 per 100.

BEDDING PLANTS

Alternanthera Brilliantissima, strong, benched plants, at $7.00 per 1,000.
Alternanthera Aurea Nana, strong, benched plants, at $7.00 per 1,000.
Coleus Golden Bedder, 2-in., at $2.50 per 100.
Coleus Verschaffeltii, 2-in., at $2.50 per 100.
Coleus, Red and Yellow Pfister, at $2.50 per 100.
Coleus Brilliancy, 2-in., at $2.50 per 100.
Geraniums, Mme. Salleroi, 2-in., at $2.50 per 100.
Geraniums, Mme. Salleroi, 3-in., at $5.00 per 100.

CANNAS—Divided Clumps

Chas. Henderson, at $2.50 per 100; $20.00 per 1,000.
Pennsylvania, at $2.00 per 100.
Venus, at $2.00 per 100.
Florence Vaughan, at $2.00 per 100.
Anthony Crozy, at $2.50 per 100.
Tritoma Pfitzeri, at $3.00 per 100.

BULBS AND RHIZOMES

CANNAS. See Bedding Plants.

GLADIOLUS.

Mrs. Francis King, 1st size, at $2.00 per 100; $18.00 per 1,000.
Mrs. Francis King, 2nd size, at $1.30 per 100; $12.00 per 1,000.
Mrs. Francis King, 3rd size, at $1.00 per 100; $8.00 per 1,000.
America, 1st size, at $2.25 per 100; $20.00 per 1,000.
Brenchleyensis, 1st size, at $2.00 per 100; $18.00 per 1,000.
Best mixture, 1st size, at $1.30 per 100; $12.00 per 1,000.
Ismene Calathina, at $4.00 per 100.

PEONIES

For Spring or Fall delivery.
Faust:
Assorted pink, white and red.
Strong, undivided clumps, at 30c and 35c each.
Divided roots, with 2-3 eyes, at 10c each.
Spiraea Gladstone, strong clumps, at $1.50 per doz.
Spiraea Peach Blossom, at $2.00 per doz.
Tritoma Pfitzeri, see Bedding Plants.

HARDY VINES

Boston Ivy (Ampelopsis Veitchii), pot-grown, 4-in., $1.50 per doz.
Aristolochia Sipho (Dutchman's Pipe), big clumps with 5 to 6 vines, at 40c each.
Clematis Jackmani, strong plants, in 6-in. pots, at 35c each.
Lonicera, trumpet vine, or honeysuckle, white, red and yellow, at 50c each.

POEHLMAN
72-74 E. Randolph St.,

BIG SUPPLY OF
Fancy Red, Pink, White Carnations

Fancy Long Beauties-Fancy Killarney
White Killarney-Killarney Brilliant-Killarney Queen
Cattleyas--Lilies--Valley--Tulips--Jonquils.

CURRENT PRICE LIST.

Orchids.

	Per Doz.
Cattleyas	$4.00 and $6.00

Beauties.

	Per Doz.
Specials	$6.00
36-in. long	5.00
30-in. long	4.00
24-in. long	3.00
18 to 20-in	$1.50 to 2.00
Short	per 100, 8.00 to 10.00

Roses.

	Per 100
Hadley	$8.00 to $18.00
Shawyer	8.00 to 18.00

Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen	Ex. long	$15.00
	Long	$10.00 to 12.00
	Medium	8.00
	Short	5.00 to 6.00

Roses—Continued.

		Per 100
Killarney, White Kill., Aaron Wards	Ex. long	$10.00
	Long	8.00
	Medium	6.00
	Short	$4.00 to 5.00
Russell—Ex. long		25.00
" Long		20.00
" Medium		$15.00 to 18.00
" Short		6.00 to 12.00

Carnations.

	Per 100
Short Split	$2.00
Medium	3.00
Fancy	4.00

Lily of the Valley.

	Per 100
Extra Fancy	$5.00
1st Quality	4.00
2nd Quality	$2.00 to 3.00

Miscellaneous.

	Per 100
Jonquils	$4.00 to $
Romans	3.00 to
Paper Whites	3.00 to
Sweet Peas	1.50 to
Freesia	
Tulips	3.00 to
Easter Lilies	
Violets, double	0.75 to
Violets, single	
Mexican Ivy	
Smilax	per doz., $2.00
Sprengeri-Asparagus	2.00 to
Asparagus Plumosus, string, 50c.	
Leucothoe	
Adiantum	.75 to
Galax, bronze and green	per 1000,
Eastern Ferns	" "
Boxwood	per bu., 25c, per case,

SUPPLY DEPARTMENT.

Accessories for
St. Valentine Day

CORSAGE SHIELDS
Chiffon, $2.00 doz.; Transparent, 50c doz.

SPECIAL CORSAGE TIE
No. 5 ribbon with tassels, $1.25 per doz.

4-INCH PINS, PEARL-HEADED
All colors, $1.00 per gross.

HUGHES' VALENTINE BOX
24x5x3½ inches, $2.00 for ten.

ARNOLD'S VALENTINE BO
White glazed with red heart and arrow on cov

	Per 100		Per
10x6x5½, -	$5.50	30x5x3½, -	$6.
12x8x5, - -	6.50	24x8x4, - -	7.
24x5x3½ - -	5.75		

Last chance for our special 35 per cent cash dis on wire design orders for $10 or more this mon

Prompt Delivery On All Orders.

N BROS. CO.

g Distance Phone, Randolph 35. **CHICAGO, ILL.**

Western Palm Headquarters

gest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

			Each
3-in. pots, $2.00 per doz; $15.00 per 100.			
pots,	5 to 6 leaves,	18 in. high	$0.35
pots,	6 to 7 leaves,	24 in. high	1.00
pots,	6 to 7 leaves,	28 to 30 in. high	1.50
pots,	6 to 7 leaves,	32 to 34 in. high	2.00
pots,	6 to 7 leaves,	40 to 42 in. high	3.00
tubs,	6 to 7 leaves,	40 in.. heavy	3.50
tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20 00 to $40.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2 00 per doz.; $15.00 per 100.			
pots,	5 to 6 leaves,	18 to 20 in. high	0.35
pots,	5 to 6 leaves,	28 to 30 in. high	1.00
pots,	5 to 6 leaves,	34 to 36 in. high	1.50
tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
pots,	3 plants in a pot,	28 in. high	$1.50
pots,	3 plants in a pot,	36 to 38 in. high	2.50
tubs,	4 plants in a tub,	38 to 40in. high	3 00
tubs,	4 plants in a tub,	38 to 44 in. high	3.50
tubs,	3 plants in a tub,	48 to 54 in. high	5.00
tubs,	4 plants in a tub,	52 to 56 in. high	6.00
tubs,	4 plants in a tub,	5 ft. high	8.00
tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
tubs,	4 plants in a tub,	6 ft. high	12.00

Strong specimens in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1 25
7-in. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 50 cents.
7-in. pots 22-in. high 30-32-in spread.....$2.00
7-in. pots, 26-in. high 34-36 in- spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

5 inch, each	$0.25	per doz	$ 3.00
6 inch, each	.50	per doz	6 00
7 inch, each	.75	per doz	9 00
8 inch, each	1.00	per doz	12.00
10 inch, each	2 50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties, from 65c to $3.00 each in bloom.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2,50 each.

Cyclamen

In bloom, mostly light-colored stock but a limited supply of dark colored and salmon colored plants, 5-in., $5.00; 6-in., $7.50 per doz.; 7 in., $1.25 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in , $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants. $1.50 to $2.00 each.

Aspidistras

Green, 5-in. pots, 10-12 leaves, $1.00.
Variegated, 5-in. pots, 10-12 leaves, $1.50.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-in. and 2-in. plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator	2 50	22 00
Venus	2 50	22 00
Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale	2 50	22 00
David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

Grafted and Own Root Rose Plants

rn headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

d, 2½-inch.	Per 1000	Per 5000
	$130 00	$600 00
	130 00	600 00
	120 00	550 00
o. Shawyer	110 00	500 00
Ward	110 00	500 00
y	110 00	500 00
illarney	110 00	500 00
y Brilliant	110 00	500 00
nd	110 00	500 00
or Taft	110 00	500 00
runner	100 00	.....

2-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-inch.	Per 100	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00
Aaron Ward	60 00	275 00
Sunburst	60 00	275 00
Milady	60 00	275 00
Killarney Brilliant	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

adquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Marvella French, late white.....$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
s Advance	$2 50	$22 00	$3 00	$27 00
r Frost	2 50	22 00	3 00	27 00
a Poehlmann	2 50	22 00	3 00	27 00
s Razer	2 50	22 00	3 00	27 00
apworth	2 50	22 00	3 00	27 00
Chadwick	2 50	22 00	3 00	27 00
y Eaton	2 50	22 00	3 00	27 00
ood Hall	2 50	22 00	3 00	27 00
	2 50	22 00	3 00	27 00
s Ideal	2 50	.....	3 00	.....
	2 50	22 00	3 00	27 00
alomon	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00

YELLOW—	100	1000	100	1000
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000.
Philadelphia, light pink, $6.00 per 100; $50 00 per 1000. **Winsor,** $20 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

ROSES

There is a great scarcity of Roses generally all over the country. However, our plants are just coming in crop with a splendid quality in all lengths of stem. The advantages of buying direct from a large grower are an even run of quality and the flowers all cut at the same time, also all grown under the best methods of production.

BEAUTIES

Our flowers are the finest coming into this market. The short stem Beauties we do not advise handling at this time of year.

EASTER LILIES

Large flowers on fine, long stems.

FANCY CARNATIONS

Our Carnation houses are the wonder of the trade. The flowers are so large and strong. We solicit orders and ask for a comparison in quality with any flowers in this market. Growing all the flowers we sell, our customers are getting the benefit of the best methods and careful handling in a large modern range of glass.

CURRENT PRICE LIST

BEAUTIES.

	Per doz.
Specials, stems 48 in. and over	$6.00
36 in. stems	5.00
24 to 30 in. stems	4.00
18 to 24 in. stems	$2.00 to 3.00

Richmond-Killarney Brilliant-Pink and White Killarney.

	Per 100
Specials, extra long stems	$12.00
Long	10.00
Medium length stems	$6.00 to 8.00
Short length stems	4.00 to 5.00

Rhea Reid-Bulgaria-Sunburst.

	Per 100
Specials, extra long stems	$12.00
Long	10.00
Mediums, stems 10 to 15 in	8 00
Shorter stems	$5.00 to 6.00

Carnations.

	Per 100
Fancy red, very choice	$4.00
Fancy dark pink, very choice	$3.00 to 4.00
Fancy white and light pink, very choice	3.00 to 4.00
Easter Lilies	per doz., $2.00 12 00
Lily of the Valley	3.00 to 4.00
Narcissus Paper Whites	2.00 to 3.00
Tulips	2.00 to 4.00
Jonquils	3.00
Sweet Peas, assorted colors	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STOCK IS STILL SCARCE.

Stock is still scarce at this writing and from present indications it is likely to be so for another week or two. Zero weather has prevailed in this vicinity for almost a week and still continues at this writing, but the weather bureau predicts a slowly rising temperature to take effect soon. Business has been quite good considering the high prices that are being asked, especially the out-of-town demand which is unusually brisk. The local buyers are not buying in any great quantities unless they have orders for the stock, but as it is, the market is cleaned up well each day long before the stores close at night. Carnations are selling better than they have for a long time and $2.00 and $3.00 per 100 and in some instances $4.00 are easily obtained for the extra select stock. Roses are scarce and like last week short and medium stemmed flowers are sold as soon as they reach the store and the fancy grades also continue to sell better. Red roses are very scarce, especially Richmond and Miladv, but there seems to be more White Killarney arriving now than there were a week ago. A few Mrs. Chas. Russell roses are arriving but these are quickly disposed of at good prices. American Beauty roses are selling well and what stock arrives finds ready buyers. Tulips are more plentiful but are cleaning up fairly well each day. Jonquils are selling as good as ever and Paper White narcissi are moving better. Violets have been selling none too well the past week and are not as plentiful as they have been. Sweet peas are seen in larger supply which probably accounts for the falling off in the demand for violets. Some ver choice freesias are seen but are in good demand and command high prices. Southern gladioli are seen in small quantities at a few of the stores, but are not cutting much figure in the receipts as yet. Gardenias are none too plentiful now but orchids are in large supply and some very fancy stock in cattleyas are obtainable at fair prices. Lily of the valley does not appear to be any too plentiful but quite a number of lilies are seen around. The shortage of stock appears to be general throughout the country, especially in regard to roses, for several of the leading out-of-town markets have been placing orders with the larger local growers for as much stock as they could get and naturally the prices on roses have been rather high. Fancy roses have easily brought from $8.00 to $12.00 per 100 and the shorter grades about $4.00 and $5.00 per 100 with very little stock obtainable at the latter figure. The retail florists have had quite a large amount of funeral work the past week but outside of this class of work there does not appear to be very much doing.

NOTES.

Arthur Clemensen, son of C. Clemensen, 7801 South Shore avenue, has been quite ill with pneumonia for several weeks, but is slowly improving and his many friends expect to see him about again soon.

USE Budlong's Blue Ribbon Valley.

Mention the American Florist when writing

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

White Killarney

Large crop of beautiful stock in all lengths at prices ranging from $4.00 to $10.00 per 100. Get what you need here, our stock is best. Don't forget that we are also strong on **Pink Killarney** and **American Beauties** right now. Order today.

Beauties==Carnations==Sweet Peas==Lily of the Valley.

Current Price List.

AMERICAN BEAUTIES	Per doz.
30-36-inch stems	$4 00 to $5 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.	Per 100
Specials	$10 00 to $12 00
Select	8 00
Medium	5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward	Specials	$10 00
	Select	8 00
	Medium	6 00
	Short	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short	75 to 1 00
Roses, our selection, per 100		4 00

	Per 100
Carnations, fancy	$3 00
" select	2 00 to 3 00
Sweet Peas	1 00 to 1 50
Harrisii..per doz., $1 50 to $2 00	
Valley	3 00 to 4 00
Violets	1 00 to 1 25
Stevia	1 50
Smilax.....per doz., $2 00	
Adiantum	1 00
Asparagus, per bunch..50 to 75c	
Ferns, per 1000.....$2 50	
Boxwood, per bunch.....25c	
Galax, bronze and green, per 1000 $1 00	
Leucothoe Sprays, per 100.....75c to	1 00

Kennicott Bros. Co.

Best wire work on the market. The greatest care is taken with all designs made in the Kennicott shop. Each joint is clinched to insure stability and only the best grade of copper plated wire is used. A few of the designs are:

Crosses
Clocks
Easels
Harps
Pillows
Wreaths

Always a remarkable selection of the *most* desirable pieces on hand to choose from at the *most* reasonable prices. Enquire for full particulars on our special 40 per cent discount proposition.

163-5 NO. WABASH AVE.
CHICAGO

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

Poehlmann Bros. Co. is cutting a large quantity of orchids and some especially fine cattleyas are now attracting the attention of the city buyers at the store. At the greenhouses in Morton Grove the palm department is well stocked up with choice plants and H. M. Oeser takes great pleasure in escorting the visitors through the houses. In the plant department where C. G. Anderson is in charge everything is in lovely condition throughout and beautiful azealeas and cyclamens in bloom for immediate use are having a good call.

F. J. Benthey, of the Benthey Greenhouses, New Castle, Ind.. says that the new rose Ophelia is about as fine a variety as was ever placed on the market and that his firm will grow it on a larger scale than ever next season. His firm was among the first to grow this variety in any quantity after it was first offered, but not until it was given a thorough inspection at F. Dorner & Sons' greenhouses at LaFayette, E. G. Hill Co.'s plant at Richmond and the South Park Floral Co.'s range at New Castle, Ind.

A. Lange has rented another floor in the building he now occupies on Madison street, which will give him much more room to handle his ever-increasing business. An electric elevator has been installed and everything is in readiness for the late winter and early spring trade. This store has a large stock of silverine ribbon on hand, which is somewhat similar to the ribbon that he used on his work for the Adolphus Busch funeral in St. Louis, last fall.

W. N. Rudd, George Asmus, C. W. Johnson, M. Barker, Alex Henderson, Fred Lautenschlager and H. B. Howard of this city; J. A. Valentine, Denver, Colo.; Nic Zweifel and W. R. Schroeder, Milwaukee, Wis., and Wilbur Gullett and wife of Lincoln, are attending the carnation meeting at Buffalo this week. The party left for the east on the Lake Shore & Michigan Southern railroad, Tuesday evening, January 26.

Bassett & Washburn are coming in nice crop with roses and the supply at the store is large and is increasing each day. Killarney and White Killarney especially are arriving in fine condition and are in brisk demand. This firm's new seedling carnations, Belle Washburn, Helen Washburn and an unnamed light pink seedling are on exhibition at the American Carnation Society meeting at Buffalo, N. Y., this week.

Peter Reinberg gave a carnation ball in the Twenty-sixth ward at the Hunting house on Friday, January 22, when Mrs. Reinberg and Mayor Harrison led the grand march. All the Reinberg employes, including Miss McNulty, were present and everyone in the hall wore a carnation. This week a dance will be held in the Arcadia, Twenty-second ward, and another enjoyable time is expected.

Wietor Bros. are supplying their customers with choice stock these days, for they are just coming in good crop with Killarney, White Killarney and Richmond roses. Some fine carnations are seen at this house as usual, and it has been a long time since such a large supply of White Perfection have been seen at one time in one place as was the case this week at this establishment.

It is rumored that the engagement of Miss Dorothy Ashley to Walter Rupp of the John C. Moninger Co. will be announced in the near future and that the wedding will take place some time next summer. Mr. Rupp may deny the rumor but he had better not, for this information came direct from pretty good authority.

Curtis Kindler says that the demand for baskets for St. Valentine Day has already started in at the Raedlein Basket Co.'s store and that it is encouraging to note that the florists are buying in larger quantities for this occasion this year.

H. VAN GELDER, Pres. L. M. JONES, Secy.
PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
Importers and Jobbers of Florist Supplies
56 East Randolph Street CHICAGO
Ribbons and Chiffons Our Specialty
6-inch Netting
Best Quality
4 CENTS PER YARD.

USE Budlong's Blue Ribbon Valley.

Percy Jones is disposing of a large supply of choice cut ferns each day and will have plenty of the same kind of stock to supply his trade with all through the season. Carnations are arriving in large numbers this week but are considered good property right now.

Zalinger & Hirsch are doing a splendid business at their store in the Insurance Exchange building and state that they have been unusually busy of late with funeral work.

George Weinhoeber's window display of orchids this week at his South Wabash avenue store was one of the prettiest ever seen in the loop.

Richard Rolston is now doing the buying on the local wholesale market for the Fleischmann Floral Co.

BEAUTIES=ROSES
CARNATIONS

Violets-Sweet Peas-Valley-Lilies-Tulips-Paper Whites-Jonquils-Gladioli
Romans-Freesias-Orchids-and everything in the line of Green Goods.
Try us on your next order and you will have no complaint whatever to make.

Current Price List.

AMERICAN BEAUTIES	Per doz.
Long stems.....$4 00 to	$5 00
36-inch stems.....	3 50
24 to 30-inch stems.	3 00
20-inch stems.....	2 50
18-inch stems.....	2 00
12 to 15-inch stems. 1 00 to	1 50

	Per 100
Richmond, Specials....$10 00 to	$12 00
Medium ..... 6 00 to	8 00
Short	4 00

		Per 100
W. Killarney	Fancy..	$10 00
Killarney ...		
" Brilliant	Med.... $6 00 to	8 00
Ward..		
Sunburst.....	Short..	4 00
ROSES, our selection.		4 00
Carnations, common..		3 00
Fancy.		4 00
Splits.....		2 00
Valley.....	3 00 to	4 00
Violets.....	75 to	1 00
Paper Whites.....		3 00
Romans.		3 00

Stevia.....per 100,	$1 50
Lilies.....per doz., $1 50 to	2 00
Callas.....per doz., 1 50 to	2 00
Sweet Peas.....per 100, 1 00 to	2 00
Smilax .....per doz.,	2 00
Adiantum ... .per 100,	1 00
Asparagus Strings.ea.,	75
Asp. Plumosus bunch, 35 to	50
Fancy Ferns.. per 1000,	2 50
Wild Smilax..per case,	5 00
Boxwood...per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays.....per 100,	75
Mexican Ivy.....per 100,	75
Mignonette.....per 100, $6 00 to	8 00

A. L. VAUGHAN & CO.,
(NOT INC.)
161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

Kennicott Bros. Co. has started the remodeling of its store and as soon as the weather permits a new stairway will replace the old one. The ice-boxes will be moved to the north side of the building and all the other necessary changes will be made as rapidly as possible so everything will be in readiness before the spring rush sets in.

William Garland, of Des Plaines, has been calling on the trade in the vicinity the past month in the interest of the Garland Manufacturing Co. He reports that the inquiries from prospective customers for greenhouse materials are numerous and that it appears as if there will be as much new glass put up in 1915 as last year.

At Peter Reinberg's store American Beauty, Killarney and White Killarney roses are seen in large supply, especially the latter, which evidently are just in crop now. Felix Reichling says that business continues to be good and that prices are still up to what they were last week.

At A. L. Vaughan & Co.'s store the daily receipts of American Beauty roses are quite heavy and while the demand for them is brisk all the customers are being well taken care of. Cut blooms of Florida grown gladioli are now seen at this establishment and are in good demand.

John Sinner says that the demand for carnation cuttings at Sinner Bros.' is much better now than it has been for some time past, and that if the orders keep coming in as they have the past few days they will soon dispose of their 100,000 now in the sand.

George Reinberg is booking orders for rooted cuttings of Killarney, White Killarney, Richmond and Sunburst roses. Mr. Reinberg says that the demand so far has not been any too brisk but that the last few days orders have been more plentiful.

Roy Wilcox and wife, of Council Bluffs, Ia., were the guests of C. L. Washburn and wife at Hinsdale on January 25. They left the following day to inspect the new roses at F. Dorner & Sons Co.'s greenhouses at La-Fayette, Ind.

An eight and one-half pound baby girl arrived at the home of Adolph Malchow, 3745 North Clark street, Sunday, January 24. Mrs. Malchow and baby are doing very nicely and papa—well, he is happier than a lark.

The Chicago Florists' Club will meet at the Hotel Bismarck next Thursday, February 4, at 8 p. m. Michael Fink, chairman of the good-of-the-club committee, has a pleasant surprise in store for all those who attend.

A. C. Rott, of Joliet, was a visitor in the market, January 21, when he placed several large orders for cut flowers to be used in an elaborate wedding decoration that he has booked for February 2.

Phil. Brodbeck's entire crop of roses was destroyed by gas this week in his range of greenhouses at Evanston. Some 18,000 plants were affected, it is said, and the loss will be quite large.

The Willens Construction Co., 1527 South Spaulding avenue, has issued a new catalogue and have every reason to be proud of it, for it is cleverly gotten up and is well illustrated.

Frank Kral is chairman of the South Halsted Street Business Men's Association, which was organized Thursday, January 21.

Zech & Mann are still showing a nice supply of freesias in addition to their regular complete line of seasonable stock.

A. T. Pyfer, of the Chicago Carnation Co., has as a guest, H. E. Philpott, of Winnipeg, this week.

Walter Scott, of La Grange, is on the sick list.

USE Budlong's Blue Ribbon Valley.

Visitors: J. A. Kairns, representing Henry A. Dreer; Frank Farney, representing M. Rice Co.; Martin Reukauff, representing H. Bayersdorfer & Co., Philadelphia, Pa.; Samuel Seligman, representing Wertheimer Bros., New York; James Fox, with J. M. Fox & Son; Mrs. Ennis, of the Wisconsin Floral Co., Milwaukee, Wis.; Will Moore, with the Moxley Nursery, Delavan, Wis.; A. C. Rott, Joliet; Nic Zweifel, North Milwaukee, and W. R. Schroeder, Milwaukee, Wis.; Wilbur Gullett and wife, Lincoln; Roy Wilcox and wife, Council Bluffs, Ia.; Robt. Spiro, representing Chas. Zinn, New York; I. O. Kemble, Marshalltown, Ia.; Chas. Frueh, Saginaw, Mich.; Julius erford, N. J.; H. P. Rahaley, of the Michigan Cut Flower Exchange, Detroit, Mich.; Paul M. Palez, Little Rock, Ark.

Chicago Bowling.

A bowling team representing Chicago and consisting of Fred Price, A. T. Pyfer, Jack Byers, Peter Olsem and A. Ochs played the Anderson Stars of Joliet on Sunday, January 24, and as usual, brought home the bacon. The scores are as follows:

Ochs	147	187	146
Pyfer	195	186	151
Byers	147	177	147
Price	149	193	156
Olsem	209	202	192
	847	945	792

ORDER YOUR BASKETS FOR VALENTINE DAY FROM US NOW

We have some pretty heartshaped baskets for this occasion which you should order, for they will take well, and besides, they are very appropriate for the occasion. In addition to the basket we illustrate, we carry all the latest styles in both cut flower and plant baskets in stock and always have such a large quantity on hand that we can fill all orders at a moment's notice.

BULB BASKETS.

This is the season when bulb baskets are used extensively to good advantage and profitably by all the leading florists, both with bulbous cut flowers or flowering pot and pan stock. We have just what you want in this line at the right prices. Call and select what you want or order from our catalog.

RAEDLEIN BASKET COMPANY

713 MILWAUKEE AVENUE, - - - CHICAGO

☞To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street.

The New Live Wire

FRANK FLORAL CO.

WHOLESALE FLORISTS,

179-181-183 N. Wabash Avenue, CHICAGO

Telephone, Central 42

Automatic 44-864

Consignments of Roses, Carnations, Violets and All Other Seasonable Stock Solicited.

Cleveland.

SOME STOCKS NOT EQUAL TO DEMAND.

With the advent of real winter weather, the supply of stock has lessened considerably. Rose orders have been a proposition to fill, so short in supply have they become. Carnations are still in supply equal to the demand, but are by no means plentiful, with prices holding firm. Sweet peas have been selling well, although stock has not been of the best of quality, white being rather scarce. Freesia Purity, of excellent quality, is in good demand and calendula meets with a good call. A few Golden Spur daffodils arrive and clean up daily. Violets, lily of the valley and orchids are in supply to meet all demands, while Easter lilies are off crop, and callas not over plentiful, with demand fair. Tulips are still too short to be used for anything but funeral work. A few daisies arrive, but they are small and short stemmed, and not much in demand. Asparagus plumosus and Sprengeri are still short, and mostly dark in color, while adiantum is now in fair supply. American Beauty roses are good stock, the demand is good and prices remain firm. Red and yellow roses are far short of the demand.

NOTES.

The Eagle Wire Works have moved from their old location at 2338 Ontario street to a more spacious warehouse and factory at the corner of East Second street and Huron road. The entire third floor is used exclusively by this firm as a workroom and storage rooms for their stock.

Miss Rhoda Piggott, daughter of Frank Piggott, florist, at 2236 Meyers avenue, is organizer of Pansy Troop No. 1 of Girl Scouts of Cleveland. This is the first girl scout troop in Ohio, although there are several similar girl troops in the southern and eastern sections of the United States.

Inquiries for St. Vanentine's day flowers and supplies are already being heard. McKinley day, January 29, is not much of a flower day here.

The Women's Florist Club will hold a card party about February 18 at their club rooms in the Hollenden hotel. Particulars later. C. F. B.

St. Louis.

The past week was a very cold one. This caused quite a shortage in stock, carnations selling at three to four cents and roses from four cents upwards. Sweet peas and violets cleaned up fairly well. Jonquils were quoted at four and five cents. Harrissi lilies were plentiful but callas were scarce.

NOTES.

The Ayers Floral Co., Miss Newman's Floral Shop and George Waldbart had some very beautiful floral designs at the McMillan funeral.

The St. Louis Union of Florists and Nurserymen met January 21. Important business transacted which will be reported later.

N. Jablonsky is cutting some choice carnations which are sold at sight. H. G. Benning handles this stock.

Diemer Floral Co., is always busy and consumes large quantities of stock both in plants and cut flowers.

The Wm. C. Smith Wholesale Floral Co., is showing some very nice white and pink Killarney roses.

Jules Bourdet Greenhouses are looking good and preparations for Easter stock are well advanced.

Young & Sons will have the decorations for the second annual Imperial ball, January 29.

The J. D. Thompson Carnation Co., Joliet, Ill., is shipping some nice stock to this market.

Some fancy butterfly sweet peas were seen at the Windler Wholesale Floral Co.

Geo. H. Angermueller had some fancy cattleyas during the past week.

C. A. Kuehn is getting some good sweet peas, the best on the market.

Marion Ulschmidt, of Grimm & Gorly, will be married in the spring.

The St. Louis Seed Co., is now located in its new quarters.

Mullanphy Florists had several orders for funeral work.

Charles Ude has some fancy long-stem carnations. W. F.

USE Budlong's Blue Ribbon Valley.

Kansas City.

At a meeting of the Kansas City Florists' Club, January 18, the following officers were elected for the ensuing year: Glen C. Kelly, president; E. C. Harvey, vice-president, and L. E. Wilson, secretary-treasurer. The club now has a membership of 100.

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

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Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. **Try us.**

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Wholesale Only. Consignments Solicited.

118 Broadway, **DETROIT, MICH.**

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Wholesale Flower Markets

Current Price List	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in.	5 00
" " 30-in.	4 00
" " 24 in.	3 00
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	4 00
Carnations	1 50@ 4 00
Cattleyas...per doz.	4 00 to 6 00
Freesias	3 00@4 00
Gladiolus (Southern)	6 00
Gardenias.....$2.00@$4.00 per doz.	
Lilium Harrisii	12 50@15 00
Paper Whites	3 00
Romans	3 00
Stevia	1 50@ 2 00
Sweet Peas	1 00@ 2 00
Valley	3 00@ 4 00
Violets	75@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns "	2 50
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	
Tulips, $4 00 per 100.	

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BEST EQUIPPED,
MOST CENTRALLY LOCATED
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Everything in the line of Cut Flowers, Plants and Florists' Supplies.

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Choice Cut Flowers and Greens

Florists' Greening Pins

No florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins.)
Price, per box, $1.50; 5 boxes for $7.00.

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1316 Pine St., Both L. D. Phones. ST. LOUIS, MO.
Supplies and Everything in Season always on hand

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Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Philadelphia.

STOCK SHORT AND TRADE IMPROVES.

There seems a better tone to business, owing more to the shortening up of some of the lines, than to any increase in the demand. Roses, particularly American Beauties, are very scarce. These have almost doubled in price the past ten days and orders for any quantity are only taken provisionally. The Killarney varieties appear to be cutting better; the Brilliant is popular on account of its bright color, and cleans up every day. Short and medium grades of all the roses are in better demand than the longer stock. Carnations appear to be ever blooming, the shipments being more than ample, the quality very fine and prices rule low. Easter and calla lilies are much in evidence. Bulbous stock is now about to get into the race. Golden Spur is being cut by a number of growers. Tulips are also coming in, while Paper Whites are a drug—one of the large commission houses gave them away with every purchase of other flowers January 23. Violets are above the demand and prices rule low. Cattleyas and gardenias hang fire; there is a trifle better supply than usual, while the economies of the present season cause these members of the aristocratic flower family to be tabooed. Spencer sweet peas are in good supply and have the call over almost everything else.

NOTES.

There is a rumor that cut flowers are being supplied to the Wanamaker store, as plants have been, on consignment, returns only being made on stock sold. This may be only rumor, but it has been repeated frequently of late, and is getting to be believed by some. The prices at which stock are offered in nearly all cases, are wholesale prices or even lower.

The first "Social Monday" night at the florists' club was a great success. Many of the members were present, taking a hand at the games, and all expressed themselves, that it was a move in the right direction. The lunch was a most agreeable feature.

The Robt. Craig Co. still offer splendid cyclamens. A stock in four inch pots are exceptionally well flowered. Several of these together, make very showy pans. A magnificent stock of Easter plants are coming on.

L. A. Geiger, late with Jacob Becker, has purchased the business of Ernst

Wholesale Flower Markets

PHILADELPHIA, Jan. 27.	Per 100
Roses, Beauty, extra	25 00@35 00
" " first	8 00@15 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	2 00@ 4 00
Cattleyas	35 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus.....per bunch.	50

PITTSBURGH, Jan. 27.	Per 100
Roses, Beauty, special	40 00
" " fancy	30 00
" " extra	15 00
" " No. 1	8 00
" Killarney	3 00@10 00
" My Maryland	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75
Violets	1 00
White Lilac.....per bunch,	$1.00
Asparagus Sprengeri, per bunch,	35@40
" Sprays.....per bunch,	35@40

RICE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

WINDLER
WHOLESALE FLORAL CO.
1310 Pine St. ST. LOUIS MO.
Central 1474 Olive

MILWAUKEE, Jan. 27.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Taft, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 3 00
Lilies.....per doz.,	$2.00
Snapdragon, per bunch, 25c @50c	
Valley	2 00@ 4 00
Violets	50@ 1 00
Stevia	2 00

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Wannemacher in Overbrook. Mr. Wannemacher will go to the horticultural department of the Panama-Pacific Exposition.

Henry A. Dreer is having a run on kentias and Phoenix Roebelenii. A splendid stock is offered at special prices, which is being taken advantage of by the live wires of the trade.

W. W. Gibson, late with the Pennock Bros. force, has accepted a position with the Hayman Greenhouse Co., Clarksburg, West Va. He will have charge of their retail store.

The Leo Niessen Co. report flowers scarcer, with an increasing demand. Spencer sweet peas, high grade carnations and spring flowers, together with choice roses, are leaders.

Russell and Sunburst roses, together with high grade carnations, were the leaders with Edward Reid. A feature is a red sport of Shawyer, as yet under number.

The Snellenberg store is offering cattleyas at 25 cents each. They are said to come from York, where the market is glutted.

The M. Rice Co. has made a hit with their novelty Valentine heart-shaped basket. It is having a great sale. K.

Boston.

SUPPLY SHORTENS AND PRICES ADVANCE.

Owing to the cloudy weather during the past week, the supply of flowers has perceptibly shortened, and consequently the prices have become somewhat better. Roses in particular have reached high figures. Killarney Brilliant and Killarney Queen were especially in heavy demand. Carnations sell fair, owing to a shortage of stock, but the trade on them is far from being as it should for this time of year. Pink Delight, Ward and Benora are selling well, but white seems to drag on its sales. Violets are plentiful and sell at low figures. Easter lilies, lily of the valley and freesias are selling very well. Bulbous stock such as jonquils and tulips is very plentiful. Mignonette and sweet peas are in good demand. The plant trade continues very brisk.

NOTES.

Houghton and Garney Co., at the Park street church, report a steadily increasing business. Their window is always a source of attraction on account of its rich and artistic appearance. This week some very fine camellias and prunus plants were noted in their display. On looking over the stock on hand, it is very noticable that nothing but the highest quality goods obtainable are used.

M. Penn, who for years has been located on Washington street next to the Park theater, will locate at No. 3 Bromfield street, February 1. He has half of the store there, and is confident of better business, as it is a better locality.

The Halifax Garden Co., of Halifax, Mass., is sending to A. Walsh at the Boston Flower Exchange a heavy cut of high grade carnations. Matchless, Ward, Beacon, White Wonder, Pink Delight and Enchantress are especially fine flowers.

John Lynch, who for the past year has been assistant manager of the

From now on you will need more

EASTER LILIES

Get fresh fine stock from The Lily Grower of the middle West.
We also have fine
Adiantum Croweanum fronds at $1.00 per 100.

HOFFMEISTER FLORAL CO.
Lickrun, Cincinnati, Ohio.

Wholesale Flower Markets

BOSTON, Jan. 27.	Per 100
Roses, Beauty	5 00@35 00
" Killarney Queen	50@ 8 00
" White and Pink Killarney	50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 6 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	75@ 1 00
" medium	50@ 75
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, Jan. 27.	
Roses, Beauty, special, doz.	$5 00@$7 00
" " fancy, "	3 00@ 5 00
" " extra "	2 00@ 3 00
" " No. 1, "	1 50@ 2 00
	Per 100
" " No. 2	4 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@ 8 00
" Hillingdon	4 00@ 6 00
" Richmond	3 00@10 00
" Sunburst	4 00@12 00
" Ward	5 00@10 00
" Taft	4 00@10 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Daffodils	3 00@ 4 00
Freesia	3 00@ 4 00
Mignonette	3 00@ 4 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Stevia	1 00
Tulips	3 00@ 4 00
Asparagus, per bunch.. 35@ 50	
Asparagus Sprengeri... 35@ 50	
Ferns ..... per 1000, 2 00	
Smilax	15 00

CINCINNATI, Jan. 27.	
Roses, Beauty ..... per doz..$1 00@$4 00	
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	10 00
Asparagus Plumosus..per bch..25c	
Carnations	2 00@ 3 00
Orchids, per doz	3 00@ 3 50
Violets	50@ 75
Narcissus (Paper Whites)	2 00
Sweet Peas	50@ 75
Jonquils	4 00@ 5 00
Rubrum Lilies	4 00@ 8 00

BERGER BROS.
DAHLIAS In large assortment, best varieties.
Choice Roses, Orchids, Valley, Lilies.
Send us a trial order.
Exceptional shipping facilities.
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Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.
Mention the American Florist when writing

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock, Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.
Mention the American Florist when writing

ST. LOUIS, Jan. 27.	Per 100
Roses, Beauty, medium	8 00@12 50
" " short stems	4 00@ 6 00
" Killarney	3 00@10 00
" My Maryland	3 00@ 6 00
" White Killarney	2 00@ 6 00
" Aaron Ward	3 00@ 6 00
" Sunburst	3 00@ 6 00
" Milady	3 00@ 6 00
Valley	4 00
Carnations	2 50@ 4 00
Rubrum	8 00
Violets	40@ 60
Asparagus Sprengeri, per bu..25@50	
Asparagus Plumosus, per bu..25@60	
Harrisii	8 00@10 00
Ferns ..... per 1000, 2 00	
Leucothoe ..... per 100, 60	
Galax ..... per 1000, 1 25	

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C. S. & Co
NEW YORK

JUST RECEIVED:—
Rohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00
Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00 Lilium Multiflorum, 7/9-in., case of 300 bulbs $16.50.
Lilium Giganteum, 7/9 in., case of 300 bulbs, $16.50.

CHAS. SCHWAKE & CO., Inc.. 90-92 West Broadway, NEW YORK

Boston Co-operative Flower Market, has resigned his position and entered the employ of J. Cohen, one of the market's leading commission salesmen.

In our issue of January 23, mention was made that N. Fishelson had opened a store at Allston. We are requested by N. Fishelson, The Copley Florist, to correct this report, as the new establishment will be under the management of J. Fishelson, and that N. Fishelson is not connected with it in any way.

Sam Wax and Alfred Walsh will leave January 30, for a fishing trip on Lake Winnipesaukee. Sam is an enthusiastic angler and always brings back photos proving that he "knows where they are."

Frank Dolansky is shipping to the Boston Flower Exchange a nice cut of gardenias and cattleyas from his range at Lynn, Mass. His entire cut is of the highest quality.

Wm. Sim, of Cliftondale, Mass., is shipping about 50,000 violets per week at present. His stock is of the highest quality, and despite the oversupply meets with fair sale.

Some very fine cineraria plants were noted at Thos F. Galvin's Tremont street store. The alterations to his new store on Park street are progressing rapidly.

Wm. Findlay has left the employ of Thos. Roland of Nahant, Mass. He had been Mr. Roland's rose salesman for some time past.

New York.

Business for the past week has been what might be considered only fair. Cloudy weather has been the rule for several days and in consequence stocks in some lines have been short. This is true of roses especially. Good stock has been scarce in these and prices have naturally advanced.

NOTES.

A. F. Faulkner, local representative of THE AMERICAN FLORIST, is on the sick list, having contracted a severe cold.

The New York Florists' Club will hold its annual dinner Saturday evening, March 20, at the Hotel Astor.

N.

The Horticultural Society of New York.

The January exhibition of the society was held January 20 at the American Museum of Natural History. The larger attendance of gardeners was very gratifying, this perhaps being due to holding the exhibition on Wednesday, instead of Saturday. There was a good display of flowers, especially of orchids. Two of the most attractive exhibits were made by Mrs. F. A. Constable, Jas. Stuart, gardener. One of these was a vase of cut blooms of Buddleia asiatica, tastefully arranged, and making a striking display; the other, near it, a vase of Plumbago coccinea. The pure white flowers of the buddleia made a striking contrast with the bright red blooms of the plumbago. The displays of cut orchids by Lager & Hurrell, Summit, N. J., and that of Clement Moore, were exceptionally fine. The next exhibition will be held at the same place Wednesday, February 17. Prizes are offered for cut orchid blooms, roses, sweet peas, schizanthus, antirrhinums, freesias, and narcissi. Prizes may also be awarded for other interesting and worthy exhibits not provided for in the schedule. Schedules will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx Park, New York.

A meeting of the society was held at 3:45, followed by a lecture by William N. Craig, on "A Year's Vegetable Supply from the Home Garden." This was listened to by over a hundred people, and proved one of the most successful lectures ever given by the society. Great interest was shown in the subject, which was presented by the lecturer in a simple, practical way which satisfied the desires of those present, judging from the gathering surrounding Mr. Craig at the close of his talk.

Prominent among the successful contestants in the competitive classes for awards were the following: Lager & Hurrell, Clement Moore, Adolph Lewisohn, G. D. Barron, R. & J. Farquhar & Co., Mrs. F. A. Constable, P. W. Popp, D. G. Reid, Scott Bros., John Canning, G. E. Baldwin & Co., J. P. Mossman and Thomas Bell.

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140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Nashville, Tenn.

TRADE FAIR BUT STOCK SHORT.

Since the holidays the weather has continued to be cold, cloudy and dark, and the blooming plants have suffered accordingly, making rather a scarcity of flowers, hardly enough to fill all orders. Trade has not been very brisk, only fair. The stock, however, that is coming in is very good, especially roses and carnations. Pot plants are good, and include cyclamens, primulas, azaleas, narcissi and obconicas. There has been the full quota of weddings and some lesser social functions and the usual amount of funerals.

NOTES.

Miss Marion Joy, daughter of Thomas M. Joy, has an article in the Southern Woman's Magazine with attractive illustrations, including a picture of herself, entitled, "What I Did In My Tomato Patch." She tells of her success with the tomatoes on one-tenth of an acre, which her father gave her when she joined the "Tomato Club," and she gives in detail the various stages of the growth. Her illustrations deal with spraying, disbudding, gathering, home-made rain, a box of the ripe vegetable and a very pretty one of herself. Her receipts for the season amounted to $108.40, clearing $84.60. Miss Joy says next year her father intends devoting five acres to the culture of the tomato.

McIntyre Bros. are showing some good orchids in their Church street store, which is doing a good business.

M. C. D.

New Orleans.

The regular meeting of the New Orleans Horticultural Society was held January 21, P. A. Chopin, presiding, and secretary C. R. Panter at his station. The secretary reported that the state department of agriculture and the experiment station had replied promptly to his letters regarding plant quarantine, stating that some states had total quarantine, unless products were tagged with their state inspection tag, for which a charge of $5 or more was made. Louisiana, has certain quarantine laws in force at present, especially on citrus trees, on account of the canker disease, but they make no charge for inspection tags. The opinion of the members present was that the state should exact a similar tax on all states that compel the florists of this state to pay taxes for tag inspection certificates. It was decided that the society would take no part in the Panama-Pacific exposition, although some of the members may make individual exhibits.

The president called the attention of the members of the society to the fact that several meetings had been held at the Association of Commerce by the citizens of this city towards making New Orleans a "city beautiful" in regard to private gardens and playgrounds, and have requested the cooperation of this society in this undertaking. As this is one of the objects of the New Orleans Horticultural Society, it received the unanimous

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Grower of
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VIOLETS
Best stock. Prompt service.
Reasonable prices.
Send your orders.

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Orchids, Roses, Carnations, and all the other best products of the leading growers.
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133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Wholesale Flower Markets

NEW YORK, Jan. 27.

	Per 100
Roses, Beauty, special	30 00@75 00
" " extra and fancy	20 00@60 00
" " No. 1 and No. 2	10 00@20 00
" Alice Stanley	6 00@12 00
" Prince d'Arenberg, special	6 00@12 00
" Francis Scott Key, special	10 00@12 00
" Mrs. Geo. Shawyer, special	6 00@12 00
" " " extra	4 00@ 8 00
" " No. 1 & No. 2	3 00@ 4 00
" White Killarney, special	6 00@10 00
" Killarney, My Maryland... special	6 00@10 00
" " No. 1 and No. 2	3 00@ 4 00
" " Queen, special	5 00@10 00
" " Brilliant	3 00@10 00
" Aaron Ward	3 00@10 00
" Richmond, special	8 00@12 00
" Sunburst	3 00@12 00
" Taft	3 00@12 00
" Milady, special	3 00@12 00
" J. L. Mock	3 00@10 00
" Hadley	6 00@20 00
" Ophelia	3 00@12 00
" Mrs. Chas. Russell	3 00@15 00
Carnations	1 50@ 3 00
Cattleya Orchids, special	25 00
" " inferior grades	10 00@15 00
Jonquils	3 00@ 4 00
Lilies, Longiflorum and Harrisii	5 00@ 8 00
Lily of the Valley	3 00
Tulips	2 00@ 4 00
Violets	25@ 35
Gardenias....per doz.	$1.00@$2.00
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	2 50
Smilax....doz. strings	1 00@ 1 25
Paper White Narcissus....doz.	$1 00
Sweet Peas, per doz. bunches	1 00@2 00
" " Spencer type	1.50@2.50

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
Phones: Madison Square 594-4422.
We solicit consignments of cut flowers of all kinds
Books open for inspection.
GEORGE J. POLYKRANAS, Manager.

approval of the members present. A committee on revision of by-laws, consisting of Paul Abele, R. Eichling and C. R. Panter, submitted their report, and the laws as reported by them were unanimously adopted. The committee on spring show informed the members that they were working on a program, and at the next meeting would name time and location and premium list. Mr. Farley exhibited several bunches of well grown-violets of different varieties. The secretary-treasurer read his semi-annual report showing the society to be in a healthy condition, both as to members and finances, having some $200 in the treasury, $600 invested in state bonds, and $100 in Southern States' Fair stock.

Weather up to the present has been very mild, no killing frost, roses, geraniums, hibiscus, pansies, daisies, and a number of other perennials and annuals being in bloom in the open gardens. What with the late celebration of the centennial of the battle of New Orleans and other social functions, the trade has been fairly good.

CHAS. R. PANTER, Sec'y.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
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Telephones: 2200 and 2201 Madison Square.
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WM. KESSLER
Successor to Kessler Bros.
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CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.

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FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
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121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
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Consignments Solicited

Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer
WHOLESALE FLORIST
103 West 28th Street, NEW YORK
Mention the American Florist when writing

Knoxville, Tenn.

UNFAVORABLE WEATHER SHORTENS STOCK.

The weather has again turned dark and cloudy, and we have only had a few bright days during the last two weeks, consequently stock has begun to shorten up, roses especially being rather scarce. Carnations are fine, and although not as plentiful as two weeks ago, there is still ample supply to take care of the local trade. The glut on narcissi is now over and the supply is again normal, hyacinths are rather scarce, orchids are plentiful, and there has been a surplus since the holidays. Funeral work has been heavy the last few days, a great deal of which has been sent out of town.

NOTES.

A delegation from the Knoxville Florists' Society will go to Nashville, Tenn., the coming week, where it is hoped to organize a state florists' club, to be affiliated with clubs of kindred lines. The Knoxville florists have been working for and advocating this movement for some time, a great deal of soliciting has been done recently, and no doubt a majority of the florists throughout the state will be present.

On account of the weather conditions there is not much doing with the Howell Nurseries. Bruce Howell will attend the convention of the Tennessee State Nurserymen's Association at Nashville, where he is booked for a speech.

Business has been good with Mrs. Ryno, funeral work being rather heavy. She is cutting a sufficient supply of sweet peas, narcissi and hyacinths, but has been compelled to buy carnations and roses.

Chas. W. Crouch has been very busy with funeral work the last two weeks, and it has been necessary to buy stock in order to meet all demands.

C. L. Baum reports business good. He is cutting a good supply of stock and has a surplus in orchids.

Addison J. McNutt is cutting some choice sweet peas, which are selling well.

A. H. Dailey reports business fairly good, while stock is rather scarce.

K. F. S.

Columbus, O.

TRADE CONDITIONS SHOW IMPROVEMENT.

Aside from funeral trade, conditions are quiet, though somewhat of an improvement over the dullness immediately following the holidays. Leading florists report a glut of carnations and a slight scarcity of roses. With respect to the latter, Ophelias, Killarney and Wards are in most active demand. Roman Beauties are steady, but not strong. Bulbous stock is beginning to look up, the features most in evidence being tulips, daffodils, Paper White narcissi and Roman hyacinths.

NOTES.

A branch flower store has been opened by the Munk Floral Company at 145 North High street, in the Brunson building, located about three blocks north of their main store. The space, which is small, has heretofore been occupied by a cigar-stand and the flower store is continuing the sale of cigars as a side issue for the accommodation of the tenants. It is a twelve-story building, and has no other source of supply within its walls. Cigars as an annex to a flower business is new to Columbus, as is in fact the office building proposition, and the outcome is being watched with interest.

What is claimed by its owner to be one of the handsomest florist stores in the central west has been opened by T. J. Ludwig, at 82 North High street. Mr. Ludwig was for 25 years connected with the Livingston Seed Company, recently as manager of the cut flower and retail seed department. His new store occupies half of a room nearly 100 feet in depth. A striking feature of the fixtures is a cathedral effect of art glass worked into a wood column. The finish is of a peculiar bluish gray, through which the natural grain appears.

Several organizations devoted to horticulture in various forms held meetings here during the period of January 9-12, in connection with a midwinter fair, which was put on for the first time at the exhibition grounds of the Ohio State Agricultural Association.

Providence, R. I.

FUNERAL WORK MAINSTAY OF TRADE.

Funeral work has been the main issue in business the past week and has brought the amount of sales up to a fairly decent standard. The cut flower trade has been only fair, while the sale of pot plants has dropped off considerably.

NOTES.

One of the finest decorations seen in some time was made by T. O'Conner in the Churchill house last week.

There are several fine displays of orchids in the city stores that are very attractive.

Albert Holcher is bringing in extra fine sweet peas.

H. A. T.

YOUNG STOCK
ROSES, CARNATIONS

We are booking orders now. Delivery of rooted cuttings of carnations at once or when you are ready. We have all the new and standard varieties.

CARNATIONS
Order early of the following:
Enchantress Supreme, Matchless and Champion.

ROSES
Ophelia, Prince Arenberg, Francis Scott Key and Killarney Brilliant.

Let Us Know What You Want and We Will Quote You Prices To Fit.
We Give Particular Attention to Careful Packing.

S. J. Reuter & Son, Inc.
Westerly, R. I.

Folding Valentine Boxes

This box is made from White Glazed Stock has an Embossed Red Heart in center and an Arrow of Gold piercing the Heart.

Boxes ready for delivery now.

Order early to insure prompt delivery.

We also manufacture a complete line of various colors and sizes of Florist Boxes.

Write for samples and prices.

	Per 100		Per 100
10x6x5½	$5.50	30x5x3½	$6.50
12x8x5½	6.50	24x8x4	7.25
24x5x3½	5.75		

A. A. Arnold Paper Box Co.
16-18-20-22 South Peoria St., CHICAGO

FLORISTS' REFRIGERATORS—ALL STYLES and PRICES
BUCHBINDER BROS.,
518 Milwaukee Ave., Dept. F, CHICAGO

QUALITY AND STYLE IN
BOXES for Flowers and Floral Designs
At no Greater cost.
Made in many sizes from various non-fading shades of board. Write for catalogue, price list and samples.
THE SEFTON MFG. CO.,
1335 W. 35th St., CHICAGO, ILL.

McCRAY Refrigerators
Display Your **Flowers**
Send for Catalog No. 71 which describes fully the McCray Refrigerators and Display Cases for Florists.
McCRAY REFRIGERATOR CO.,
670 Lake St., KENDALLVILLE, IND.

New Crop Wild Smilax
Now ready for shipment,
$2.50 per case.
Natural and Perpetuated Moss.
E. A. BEAVEN, Evergreen, Ala.

Southern Wild Smilax
New Crop now ready for shipment $2.50 per case
Natural and Perpetuated Moss.
Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA.

High Grade Floral Publicity
Write today for full particulars and sample
McNeff-Swenson Co.
220 So. Michigan Ave., CHICAGO

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Established in 1857.

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FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO
HARRY PAPWORTH
The Metairie Ridge Nursery Co.'s
STORE
135 Carondelet St.
NEW ORLEANS
ROSES
ORCHIDS
VIOLETS
F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

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GEO. H. COOKE

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Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

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Members of The Florist Telegraph Delivery.

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THE BEST THAT GROWS
Experts to Arrange Them.

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Largest and most centrally located store in the city. All orders given prompt attention.

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ROSS BRAGG, Florist,

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For Rhode Island and Connecticut

STORES

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LEADING FLORISTS.

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Hollywood Gardens

Flowers for all Occasions.

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Members of Florists' Telegraph Delivery.

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AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

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Mention the American Florist when writing

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

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J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

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To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

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LOUISVILLE, KY.

THE F. WALKER CO.

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440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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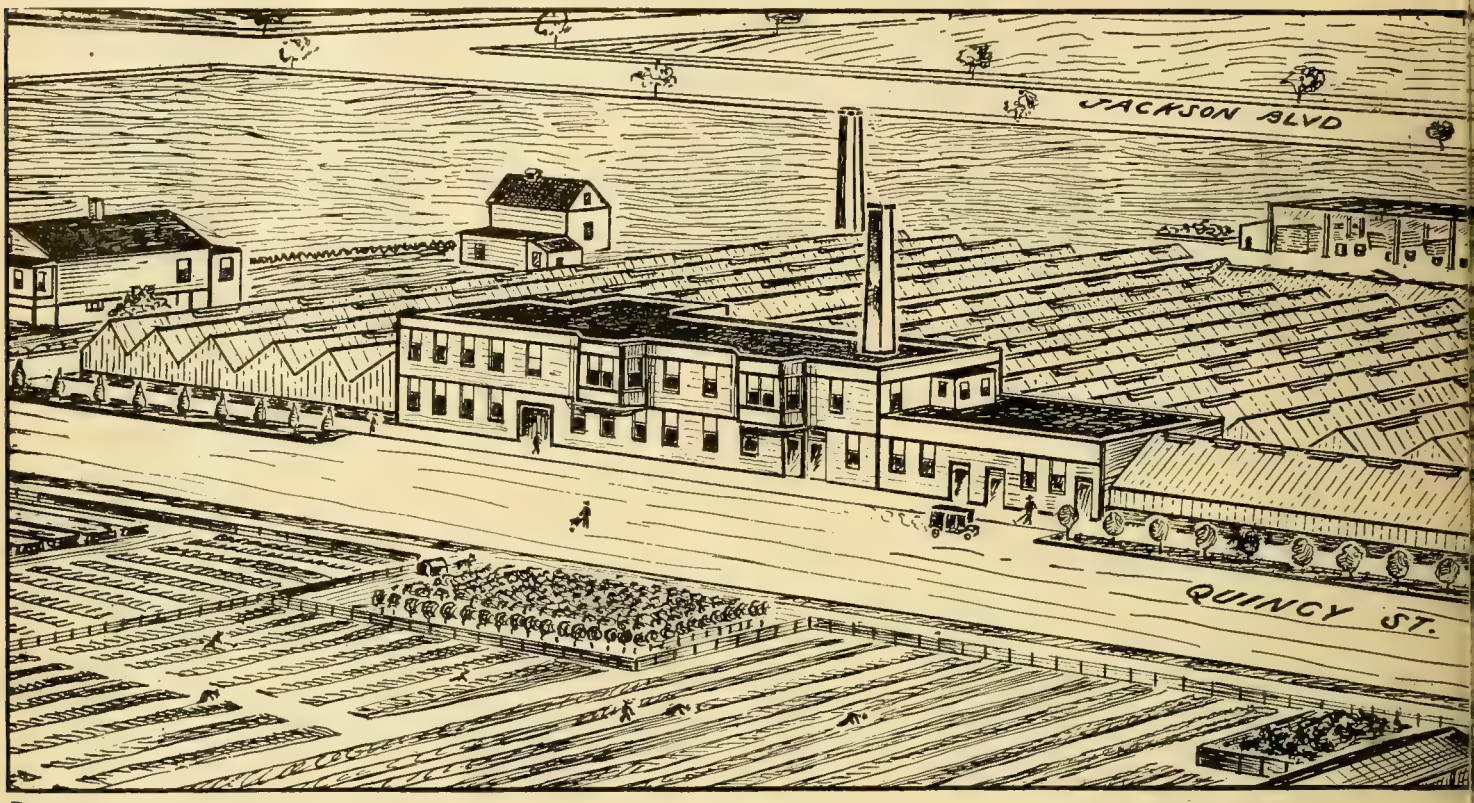

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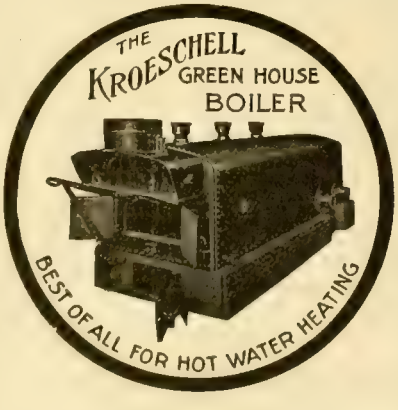
CHICAGO'S LEADING P

FRANK OECHSLIN'S PLANT RANGE—100,000 sq. ft. of glass—heated by KROESCHELL BOILERS.

Ten years have been sufficient to make the history of the plant trade in Chicago and Frank Oechslin is the man who has in a single decade established this business and built the only exclusive wholesale plant range in the big western city.

The first land (ten lots) was bought in 1902 and the first greenhouses (six small ones), were built the following year—there are now 31 large houses, 600 hot bed sash and ten acres of land in evidence of Mr. Oechslin's skill as a grower.



One of the principals upon which the Oechslin business has been built is to be satisfied with nothing short of the best a greenhouse can be made to produce. To produce the best, only the best in greenhouse material and construction has been employed.

Mr. Oechslin's greenhouses are now the show place of the city and visitors there are always welcome. Go and see them and when you admire the perfection of the plants and the cleanliness of the place, remember to visit the boiler rooms and note that the name **KROESCHELL** is found on every one of the boilers.

When You Buy—Get a Kroeschell, "The Boiler of Genuine Efficiency.

KROESCHELL BROS. CO., 452 W. Erie St., CHICAGO.

EXCLUSIVE

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Plants in Bloom for Chris

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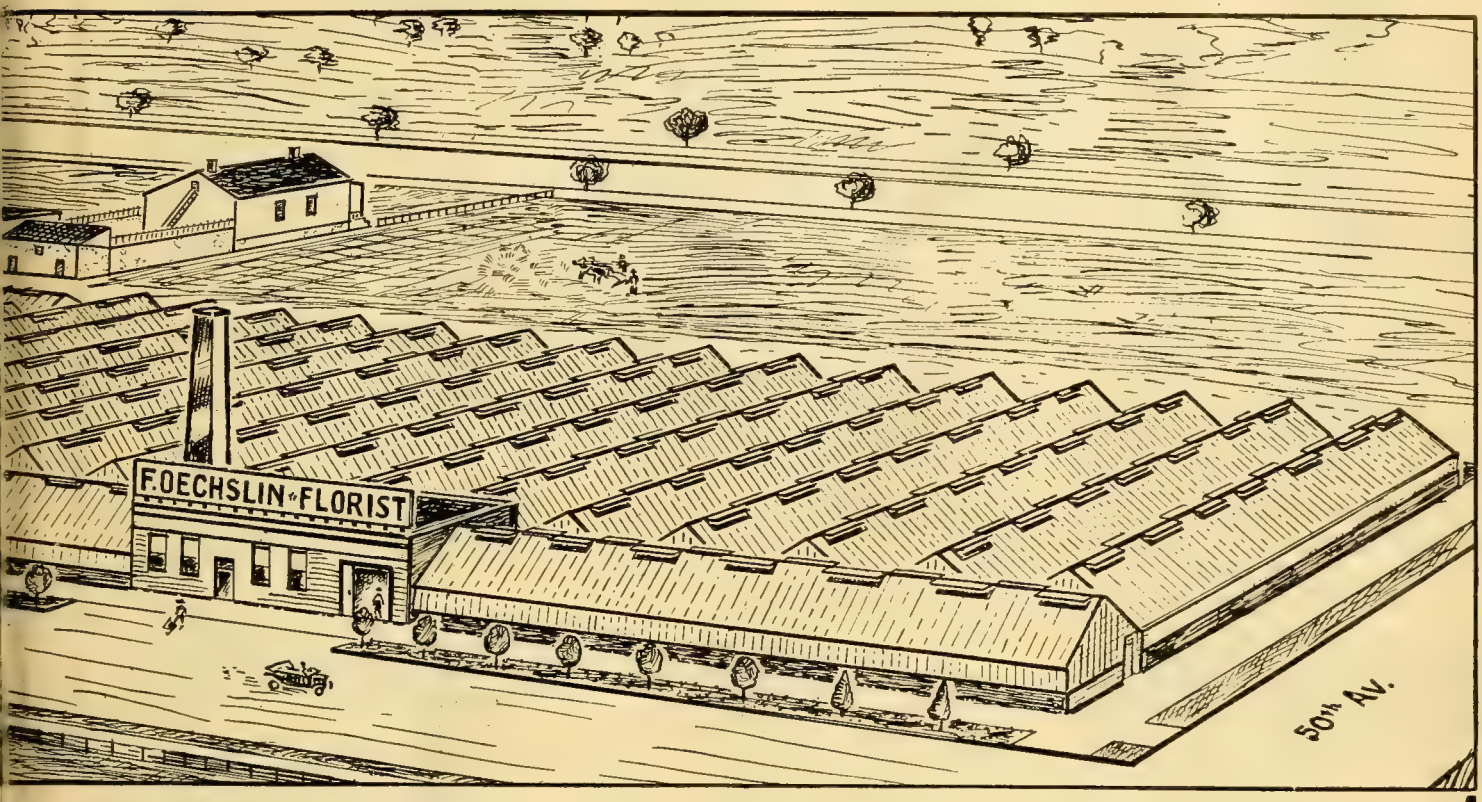

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as and Easter a Specialty.

ECHSLIN,

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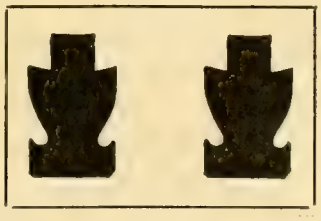
DIETSCH MATERIAL Was Used Almost Throughout the Entire Oechslin Range Shown Above.

Mr. Oechslin has the largest and best exclusive plant range in Chicago and the quality of his stock is so fine and so favorably known throughout the country that he seldom has any trouble in marketing his plants. His entire range of 100,000 feet of glass is devoted mostly to Palms, Ferns and all Decorative and Blooming Plants. Dietsch material was used in almost all of the Oechslin range and everyone that visits his establishment cannot help but admire the construction and the general layout of the place. These houses have served Mr. Oechslin well and if you are going to build you would do well to get in touch with us for we are confident that we can give you the kind of house that you desire and save you money in the bargain. Write for sketches and estimates. Our **construction** is **strong, lasting** and **efficient**; at the same time **inexpensive.**



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N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Addres4, DARDSFLOR.

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eadie Co., The James, Cleveland, O.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Pollworth Co., C. C., Milwaukee.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
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Corner Broadway and Gratiot Avenues.

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LEADING FLORISTS OF THE NORTHWEST

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WASHINGTON D. C.

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Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

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Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

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G. E. M. STUMPP

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Member Florists' Telegraph Delivery Association

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CLEVELAND

EUCLID AVENUE

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Blackistone.

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All Orders Receive Careful Attention and Prompt Delivery.

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Will take proper care of your orders in **Wisconsin**

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Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—James Eadie Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee—C. C. Pollworth Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metaire Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

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Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

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Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

Cleveland, O.

The JAMES EADIE CO.

Store—927 Euclid Avenue.

Frank J. Schoen. Frank R. Friedley.

Greenhouses—95 Shaw Avenue.

We Aim to Please Our Customers.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

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Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

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EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

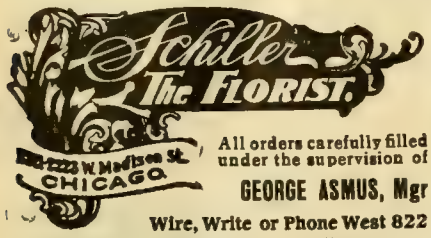
BOSTON 126 Tremont Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to



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Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

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J. B. KELLER SONS,
FLORISTS
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Rochester Phone 506 Long Dist. Bell Phone 2189
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Cleveland, O., and Vicinity.
Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

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PAUL M. PALEZ,
FflorIst,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
Mention the American Florist when writing

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders.
Member of The Florists' Telegraph Delivey.
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DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries **DULUTH, MINN.** to Superior, Wis.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF **HEINL'S**

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MYER, FLORIST, 609-611 Madison Ave
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The Leading Florists
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ROCK'S FLOWERS
Members Florists Telegraph Delivery Ass'n

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C. H. FREY,
Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.

GEORGE RYE
"Some Florist"
16 N. 6th St., **Ft. Smith, Ark**

Telephone 2656 Established 1880
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FLORIST
George C. Weiland, Proprietor.
602 Davis Street, EVANSTON, ILL.
Member Florists' Telegraph Delivery.

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Careful attention to packing for deliveries to all Southern and Middle States.

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1519 Farnam St., OMAHA, NEB.
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Lang Floral & Nursery Co., Dallas Texas.
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

SIMMONS & SON, TORONTO
CANADA'S LEADING FLORISTS
F. T. D. Members **266 Yonge St.**

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.
Mention the American Florist when writing

NEW ORLEANS, LA.—Preliminary steps toward the organization of a garden club which, it is hoped, will become the parent of similar clubs throughout the city, were taken at the Association of Commerce Friday night at a well attended meeting held for the purpose of introducing the association's "City Beautiful" campaign.

Funeral Emblems **Cut Flowers**
Brown Bros. & Co.,
Ltd.
FLORISTS, NURSERYMEN AND SEEDSMEN
Bulbs
Seeds
48 Hastings St., E.,
Vancouver, B. C.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc
229 WEST THIRD STREET

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Deliver

Samples Free.

Fill Your Empty Benches Now With

GLADIOLUS

WE are **Growers** of this stock in quantity and the bulbs we ship for forcing under glass are especially selected for this purpose. We have a **first extra** grade for counter.

Besides the following standard kinds, most of which we can offer in two sizes (both flowering), we carry nearly all standard kinds and many fancy imported novelties secured by our Mr. Vaughan last year in Europe.

	Per 1000
Mrs. Francis King, First size	$10.00
Mrs. Francis King, Medium size	8.00
Augusta, First size	12.00
Augusta, Medium size	10.00
Chicago White, First size	30.00
Chicago White, Medium size	25.00
America, First size	12.00
America, Medium size	10.00
Florist XXX, mixed	15.00

We Can Quote Special Prices on Quantities of Several Kinds.

We are in position to quote all Seedsmen and Florists who are interested in **Gladiolus,** either forcing, for counter trade, or for outdoor planting, all sizes from **EXTRAS** down to the smaller grades.

PLANTING STOCK. Of several leading kinds we can supply **planting stock,** white bulbs under one inch and small black bulblets by the bushel.

Ask for Vaughan's Spring 1915 Book for Florists. It is one of the Most Complete in the Trade.

I regard Mrs Francis King as the best florists' variety of its color. Its wonderful profusion of bloom and firmness of its petals makes it a great favorite all along the New Jersey Coast with the cottage people as a cut flower.

EDMUND, G. COMEY, Dealer in Cut Flowers.
Long Branch, N. J.

VAUGHAN SEED STORE, CHICAGO NEW YORK

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

BIRMINGHAM, ALA.—It is not expected that the McVay Seed Co. will pay over 20 per cent dividends.

FRENCH decree of January 9 prohibits exportation of forage crops for sowing, including vetch.

H. WILDEN, of Warnaar & Co., Sassenheim, Holland, is calling on the trade in the United States.

CHICAGO.—Prices for grass seed on the Board of Trade January 27 were as follows: Timothy, $6.00 to $7.25 per 100 pounds.

WHITE edible beans at Chicago sold at $3.15 January 22. This is the high point touched in the fall before the new crop came in, after which prices dropped back around $2.50 or lower.

WASHINGTON, D. C. — The annual row over distribution of free seeds to congressmen came off in the house January 26, but failed to displace an item of $252,540 for that purpose from the agricultural bill.

WASHINGTON, D. C.—One hundred and fifteen thousand bags of beet sugar seed worth $635,000 in gold have been bought in Germany for American growers that the American crop may not suffer by the war.

THE much desired distinction of the iron cross has been awarded to the three sons of John Benary, of the seed firm of Ernst Benary, Erfurt, Germany. One of these young men, Dr. Friedrich Benary, has since died of wounds received in the Russian campaign.

A LILY bulb expert, long familiar with the handling and packing of Japan lily bulbs, now comes forward with the theory that these bulbs need not be packed in mud balls for export, but that if the roots are left on may be exported and travel without rotting in ordinary packing.

TOLEDO, O.—The entire business formerly conducted by The Henry Philipps Seed & Implement Co. of this city has been sold to E. L. Page, president of the Page Seed Co. of Greene, N. Y. A new company will at once be organized with a capital of $50,000 and the business continued under the name of the Page-Philipps Seed Co. The business of the Henry Philipps Seed & Implement Co. was established in 1852, and has been at its present location for the past thirty-five years.

VISITED Chicago: Chas. Schwake, of Chas. Schwake & Co., New York; W. H. DeGraaff, of DeGraaff Bros., Ltd., Leiden, Holland; C. M. Kimberlin, of J. M. Kimberlin & Co., Santa Clara, Calif., A. E. Kunderd, Goshen, Ind.; H. W. Koerner, Milwaukee, Wis.; I. S. Henrickson, of John Lewis Childs, Flowerfield, L. I., N. Y.; J. W. Edmundson, of the California Seed Growers Ass'n., San Jose, Calif., returning from an eastern contracting trip, reports trade considerably in excess of last year.

COLUMBUS, O.—The Livingston Seed Company, which, beginning with December 15, has sent out an edition of 100,000 catalogues in their mail order department, state that the volume of early orders in response to same are fully up to normal. They anticipate a prosperous season.

IT is understood that owing to the failure of the exporting jobbers to agree with the Japanese growers quite a large quantity of the larger sizes of planting stock of Lilium rubrum bulbs, which would ordinarily have gone to the market, have been put back into the ground to be grown on for next year. This would seem to favor a reasonable price next year.

Seed mportation Regulation.

At the request of the secretary of the United States department of agriculture, Andrew J. Peters, assistant secretary, has instructed collectors and other officers of the customs to sample, and detain pending an examination and report by the secretary of agriculture, all lots of seed offered for import mentioned in regulation 4 of the joint regulations for the enforcement of the seed importation act published in treasury department decision 34,393 of April 23, 1914. The seeds enumerated are as follows: Alfalfa, Canadian bluegrass, Kentucky bluegrass, millet, orchard grass, rape, redtop timothy, clover, meadow fescue and awnless brome grass.

Spiraea Importation Ruling.

Under date of December 29, 1914, in the matter of protest (No. 719,122) of Mattoon & Co., San Francisco, the board of general appraisers and the court of customs appeals of the treasury department decided that Mattoon & Co. have not supported their contention in the case of 1,200 spiræa plants recently imported which were assessed 25 per centum ad valorem, as provided in paragraph 264 of the tariff act of 1909, which reads as follows: All trees, shrubs, plants and vines commonly known as nursery vines or greenhouse stock, not specially provided for in this section, 25 per cent ad valorem.

The importers claimed that they were dutiable at 50 cents per 1,000 under the last clause in paragraph 263, which reads: All other bulbous roots, or corms, which are cultivated for their flowers or foliage, 50 cents per 1,000. The text of the ruling is as follows:

This plant is cultivated for its flowers or foliage. The testimony of the importer is that it is known and traded in under the name of spiræa, but that it is not really spiræa. He says its correct name is aruncus, and that it is allied to the saxifraga genus, and that it is also called astilbe. Astilbe is classified under paragraph 263 with "hyacinth, astilbe, dielytra, and lily of the valley clumps, $2.50 per 1,000."

We learn from works on botany that spiræa is a genus which is divided into some 50 varieties, the most of them being deciduous shrubs. Some of the species, however, are perennials, and belong to what might be termed the "herbaceous group." This particular importation, according to the testimony of the importer, is the roots merely of a perennial, the growth of which above ground dies down in the fall.

While this is all interesting and might assist in determining the classification of these roots, the real question is as to whether they are "bulbs, bulbous roots, or corms." No authority has been presented which would warrant us in holding that they are either bulbs, bulbous roots, or corms. In supplying an illustrative sample, the importer stated that the one produced was exactly like the original sample which was taken from the importation. He was asked by his attorney the following question: "Are you prepared to state positively that the bulb which is here the subject of this protest was the same as the bulb from which that plant came?" His answer was, "Yes, sir; exactly; a different importation, that is all; the same class of goods." This is the only testimony in the case which sustains the contention that the importation is either a bulb, a bulbous root, or a corm. We think we are authorized in holding, from all the testimony and the facts and circumstances surrounding the case, that these goods are not bulbs. Is there anything, then, upon which we can base a finding that they are bulbous roots or corms? We think the testimony introduced on behalf of the importer does not go far enough to furnish the basis of an intelligent finding. We therefore hold he has not supported his contention. The protest is overruled.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Cool and Crisp Cucumber.

grown under irrigation by

Western Seed & Irrigation Co

Seed Growers and Dealers, Specialties:
Cucumber, Musk and Watermelon.
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - NEBRASKA

Thorburn's

SEEDS AND BULBS

ASK for a copy of our Bulb Catalog and special prices to florists.

Also ask us about our "below-the-market" specialties and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

THE KIMBERLIN SEED CO.

Wholesale Seed Growers **SANTA CLARA, CAL.**

Growers of
ONION, LETTUCE, RADISH, ETC.
Correspondence Solicited.

Mention the American Florist when writing

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

WAR

Reduces cost of Valley Pips. New imports now ready.

Bruns' Celebrated Chicago Market

BEST VALLEY IN EXISTENCE.

$14.00 per 1000. **$7.50 per 500.**
4.00 per 250. **1.75 per 100.**

COLD STORAGE VALLEY for February and March.
$18.00 per 1000. **$9.50 per 500.** **$5.00 per 250.**

H. N. BRUNS

3032 W. Madison St.
CHICAGO, ILLINOIS.

FLOWER SEEDS For Early Sowing

Complete List for the Asking.
10 per cent discount for Cash.

THEY'RE FRESH	T. P.	Oz.
Ageratum, blue	$0.10	$0.25
Alyssum Little Gem	.10	.45
Aster Queen of Market, Mixed	.10	.50
Begonia Erfordii	.25	
Cobaea Scandens, purple	.10	
Dracaena Indivisa	.10	.25
Forget-Me-Not Victoria	.15	.80
Mignonette Machet	.10	.50
Petunia, California Giants	.25	
Salvia Splendens	.15	1.00
Salvia Fireball	.25	

CROP OF 1914	T. P.	Oz.
Lobelia Speciosa	$0.10	$0.50
Lobelia Crystal P. Comp	.15	1.25
Pyrethrum Aureum	.05	.25
Smilax	.10	.25
Snapdragon, Giant	.10	.30
Stock, Cut and Come Again	.25	
Stock, Ten Weeks, mixed	.25	
Stokesia Cyanea	.15	
Thunbergia	.10	.40
Verbenas, Mammoth	.15	1.00
Vinca, mixed colors	.10	.40

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., **SEEDSMEN,** 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and **German.**

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Mention the American Florist when writing

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS **GROWERS FOR THE TRADE**
Write for Prices

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MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and **FLOWER SEEDS** in general; **TOMATO, LIMA** and **POLE BEANS,** write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting **ONION SETS.**

Schilder Bros., CHILLICOTHE, OHIO.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

CHOICE
German Flower Seeds
Catalogue Free on Application
Fredrick Roemer, SEED GROWER
QUEDLINBURG, GERMANY.

TOMATO SEED

Grown For The Wholesale Seed Trade.
Contract orders now being booked for delivery after harvest, 1915.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

EUROPEAN SEEDS

Kelways Can Quote and Deliver:

Beet	Cauliflower	Lucerne	Rape	Spinach
Cabbage	Celery	Mustard	Rutabaga	Turnip
Carrot	Kale	Radish	Winter Tares or Vetches	
And Flower Seeds			Spring Tares	

Those who have formerly placed their orders in other quarters will like, under present circumstances, our prices. Please write at once while stocks last, both for present delivery and for delivery later, and on contract for next fall. British sailings continue all the time.

KELWAY & SON, Seed Growers To The Trade. **Langport, England**

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey

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GILROY, CAL.
Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety
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THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

THE

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

S. M. Isbell & Co.,

Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK. and Orange, Conn.

QUALITY SEEDS BULBS PLANTS

SEND FOR CATALOGUE
ARTHUR T. BODDINGTON
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Growers and Specialists

CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons
Seedsmen

ROCHESTER, NEW YORK
Send for Wholesale Fall Catalogue.

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ROUTZAHN SEED CO.

Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade
CARPENTERIA, CALIF.

Burpee's Seeds Grow

Celery,—
Golden
Self-Blanching

Cabbage,—
Burpee's
Allhead
Early

What Burpee-Quality Seeds Mean to the Market Grower.

At the Seventh Annual Convention of the Vegetable Growers' Association of America, held in Horticultural Hall, Philadelphia, October, 1914, we had the pleasure of talking with and listening to the many earnest men who are doing so much for the advancement of the market growing industry. We were impressed with the importance and scope of the work of this splendid organization, and realized even more than before the market grower's absolute dependence for success upon selected "Seeds of Quality." The position occupied by the seedsman who undertakes to supply seed to the market grower is one of great trust. Surely his service is one based on confidence.

CONFIDENCE makes possible the commerce of the world. It is the greatest factor that enters into a purchase of seeds, because you are not buying a finished product, but only the means by which your garden will be either a pronounced success or a partial failure. Seeds—good or bad—may look the same, but how different their resulting crops! You cannot afford to risk a season's work with seeds of unknown quality.

When you buy BURPEE'S SEEDS the element of doubt is removed so far as is possible by human care. The confidence of many thousands of pleased and permanent customers is maintained by the Burpee Idea of Quality First,—"to give rather than to get all that is possible." This confidence on the part of our customers, combined with the efficient Burpee-Service, has built the world's greatest mail-order seed business.

A careful examination of this "Blue List" should convince you of the excellence of our pedigree strains for market growers, and then a trial order—if you are not already a Burpee customer—will prove that your confidence has not been misplaced.

Burpee's Annual for 1915, our complete retail catalog of 182 pages, has already been mailed. If you have failed to receive it, kindly write at once and a duplicate copy will be forwarded.

For the utmost development of good seed service, we are,

Sincerely yours,

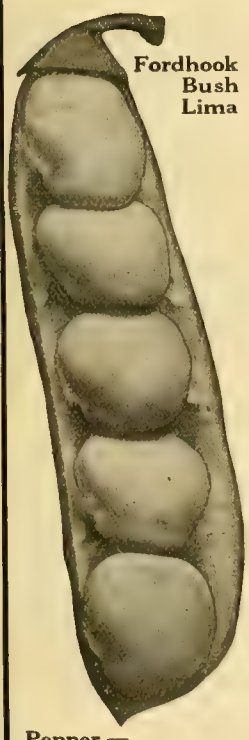
W. Atlee Burpee

Burpee Buildings:
North Fifth Street,
York Avenue and
Buttonwood Street,
Philadelphia.

Seed Selection Gardens and Trial Grounds at our famous FORDHOOK FARMS, Pennsylvania, SUNNYBROOK, New Jersey, and FLORADALE, Lompoc, California.

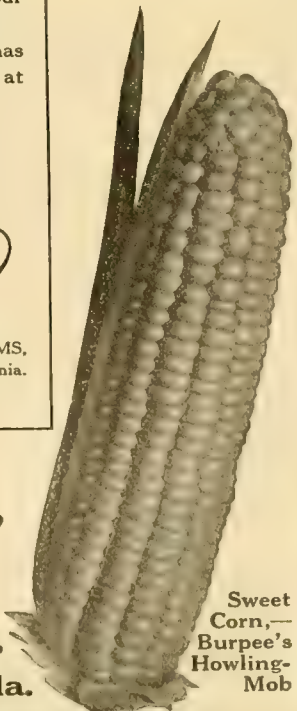
Philadelphia, January 1, 1915.

Beet,—
Burpee's
Black-
Red Ball



Fordhook
Bush
Lima

Pepper,—
Burpee's
Ruby
King



Sweet
Corn,—
Burpee's
Howling-
Mob

Reproduction of the Introductory Page of

Burpee's Blue List for 1915,

the Market Grower's Handbook.

A Post Card will bring it.

W. Atlee Burpee & Co.

Seed Growers. Burpee Buildings, Phila.

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

FT. WORTH, TEX.—The Texas State Horticultural Society held its regular midwinter meeting January 13-14.

WAPATO, WASH.—The Ornamental & Fruit Nursery Co. has been incorporated by John Ryken and Norbert Levovosseur; capital $50,000.

FT. WORTH, TEX.—Selection of the next mid-winter meeting place of the Texas State Horticultural Society has been left to the executive committee. The summer session will be held at College Station.

The land included in the holdings of the Phoenix Nursery Company, Bloomington, Ill., was sold January 18 at public sale at the court house. The purchaser was Benoni S. Green and the price paid was $28,000.

MADISON, WIS.—Special institutes in horticulture are being conducted through the state this year for the first time by the state board of horticulture, working in connection with the staff of the farmers' institutes.

GRASS VALLEY, CALIF.—Fruit trees for spring planting are beginning to move and nurseries and nursery agents predict a busy season. The aggregate of planting in Nevada county will be larger this season than ever before and the ground, soaked by rain and snow, is in fine condition to receive the trees.

WINTER HAVEN, FLA.—The shipment of citrus nursery stock is very heavy at present and it is nothing uncommon to see from 10,000 to 20,000 trees leaving on any train. The trees are exceptionally fine this year and are commanding a good price. It is estimated that there are over 400 acres of nursery here.

European Pines Menace to Nursery Stock.

Because of the danger to American nursery stock a public hearing will be held February 2, 1915, by the United States department of agriculture to discuss a proposed quarantine on the importation of all pines from Europe. During the past year imported pines have been found to be infested with the European pine shoot moth. In Europe this is one of the principal insect enemies of pines and is especially destructive in nurseries, young forests, and ornamental plantations. It kills or injures the young twig growth and deforms the tree to a serious extent. In this country the insect seems to be still confined to the European pines in Connecticut, Illinois, Massachusetts, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, and West Virginia. Strenuous efforts are already being made to stamp it out and it is believed that these will be successful if no further importations of infested stock are permitted. The white pine blister rust has already resulted in the exclusion of all five-leafed pines from Europe and Asia. The proposed quarantine will extend this prohibition to all classes of pines from Europe. No restriction is proposed on the importation of pine seed.

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists — Largest Growers in America
Box 404, DUNDEE, ILL.
Mention the American Florist when writing

ROSES, CANNAS
Shrubbery
THE GONARD & JONES CO.,
West Grove, Penna.
Mention the American Florist when writing

Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
BALTIMORE, MD.
Mention the American Florist when writing

ROSES
Rose Stocks, Fruit Tree Stocks, Young Evergreen and Deciduous Ornamental Trees and Shrubs. Young Forest Stocks, new, rare or noticeable Trees and Shrubs, Hardy Herbaceous Plants, etc.
Write for prices to
F. H. MICHAUD,
CENTRAL PARK, B. C.
Agent for
E. Turbat & Co., Orleans, France
Mention the American Florist when writing

MANETTI, On Hand. Best English Stocks.
Grafting size, 3-5 m/m, not "as they run," but **re-graded here,** culls thrown out; shrinkage eliminated; all good, at $9.50 the 1000, while they last.
Jackson & Perkins Co., Newark, New York
Mention the American Florist when writing

NEW ROSE BOOK
The Practical Book of
Outdoor Rose Growing For The Home Garden
By George C. Thomas, Jr.
GENERAL SCOPE:
The Propagation of Roses. Location and Preparation. Ordering.
The Best Varieties with their Characteristics. Planting. Pruning.
Some General Information and Hints of Hybridization. Climbers Cultivation.
Elaborately illustrated with 96 reproductions in full color of leading varieties of roses and a few halftone plates. Handsome cloth binding, in slip case. Price, $4.00, postage or expressage extra.
American Florist Co., 440 South Dearborn Street, **Chicago**

Headquarters For
California Privet
AND OTHER HEDGE PLANTS
CALIFORNIA PRIVET. One year, 12 to 18 inches; 1½ to 2 feet. Two years, 12 to 18 inches; 1½ to 2 feet; 2 to 3 feet; 3 to 4 feet. Three years, 3 to 4 feet; 4 to 5 feet.
All well branched, bright and clean. The two and three year grades have been cut back one or more times. Very attractive prices for car lots for prompt acceptance. Prices will be advanced February first.
I offer a lot of 150,000, 2 years, 12 to 18 inches, well rooted and with good tops, at a great bargain.
AMOOR RIVER PRIVET. One year, extra fine, 12 to 18 inches. Two years 1½ to 2 feet; 2 to 3 feet.
BERBERIS THUNBERGII. Transplanted, stocky plants, 6 to 9 inches; 9 to 12 inches; 12 to 18 inches; 1½ to 2 feet sizes by the 1000.
J. T. LOVETT, Little Silver, N. J.
Mention the American Florist when writing

Vaughan's Cannas

HEADQUARTERS for all Leading Varieties.

NEW CANNA FIREBIRD, The best red-flowered, green leaved canna, Doz., $6.50; 100, $50.00

	Per 100	Per 1000
Allemania	$ 2.50	$20.00
Beaute Poitevine	3.50	30.00
Burbank	2.50	20.00
Buttercup	5.00	40.00
Chas. Henderson	2.50	20.00
Comte de Sachs	2.50	20.00
David Harum	3.50	30.00
Egandale	3.50	30.00
Florence Vaughan	3.50	30.00
Frederick Benary	$ 3.50	$30.00
Hungaria, $2 per doz.	18.00	
Improved Mont Blanc	7.00	65.00
King Humbert	4.00	35.00
Long Branch	5.00	45.00
Louisiana	2.50	20.00
Mad. Crozy	3.00	25.00
Milwaukee	3.50	30.00
Mrs. Alfred Conard	12.00	100.00
Mrs. Karl Kelsey	$ 3.50	$30.00
New Chicago	10.00	90.00
Niagara	2.50	20.00
Prince Wied	2.50	20.00
Queen Charlotte	3.50	30.00
Souv. de A. Crozy	3.50	30.00
The Express	5.00	40.00
Venus	3.50	30.00
Wm. Sanders	5.00	45.00
Wyoming	3.00	25.00

ROSE PLANTS, Grafted and Own Root

THE UP-TO-DATE AND POPULAR VARIETIES.

	2½ inch pots—Prices per 100 O. R.	Grafted
Geo. Elgar, New Yellow Cecile Brunner	$15.00	$25.00
Hoosier Beauty, The New Red Rose		35.00
Mrs. Chas. Russell		130.00
Mrs. Geo. Shawyer	65.00	110.00
Killarney Brilliant	60.00	110.00
Sunburst	65.00	100.00
Francis Scott Key	100.00	100.00
Mrs. F. F. Thompson, Shell Pink, Sport of Shawyer	$30.00	$35.00
New White Shawyer	30.00	35.00
Ophelia	100.00	130.00
Hadley	80.00	120.00
Prince C. de Arenberg	65.00	120.00
Milady	65.00	120.00

For 3½ inch plants wanted at planting time write for special quotations.

DECORATIVE PLANTS

		Doz.	Per 100
Araucaria Excelsa—Whorls			
9 inches	3	$ 5.00	$40.00
12 inches	3	7.50	60.00
15 inches	3	10.00	75.00
Araucaria Glauca—			
10-12 inches	2-3	8.00	

	Per 100	Per 1000
Asparagus Plumosus—		
Seedlings ready Feb. 15		$ 6.00
2½-inch	$ 3.00	25.00
4 -inch	12.00	
Asparagus Sprengeri—		
Seedlings from flats, 2-inch		4.00

	Doz.	Per 100
Crotons—		
4-inch	$ 4.00	$30.00
5-inch	6.00	

	Size pot	Leaves	Height	Each	Doz.
Kentia Fosteriana—					
6-inch pots		5-6	30-32 ins.	$ 1.50	$17.00
7-inch pots		6-7	36-40 ins.	3.25	
10-inch pots		6-7	60 ins.	8.00	
Kentia Fosteriana—Made up.					
		No. of plants	Height		
7-inch		3	28-30 ins.	2.50	27.50
7-inch		3	30-34 ins.	3.00	32.50
8-inch		3-4	34-38 ins.	4.00	45.00
10-inch			70-74 ins.	15.00	
Phoenix Canariensis—					
7-inch			28-30 ins.	1.50	
Pandanus Veitchii—					
4-inch pots—3 for $1.65				.60	6.00
6-inch pots				1.50	

FIELD-GROWN ROSE STOCK

CLIMBING ROSES—	2 yr. Per 100	3 yr. Per 100
Alberic Barbier	$14.00	$16.00
Crimson Rambler	15.00	18.00
Desire Bergera	15.00	
Delight	15.00	18.00
Dorothy Perkins	15.00	18.00
Excelsa	18.00	20.00
Flower of Fairfield	16.00	18.00
Lady Gay	15.00	18.00
Tausendschon	16.00	18.00
White Dorothy Perkins	16.00	18.00
BABY RAMBLER ROSES—		
Crimson Baby Rambler	14.00	16.00
Erna Teschendorff	18.00	22.00
Jessie	18.00	20.00
Mad. J. Gouchault	35.00	

HYBRID PERPETUAL ROSES—	2 yr. Per 100
Alfred Colomb	$14.00
American Beauty	15.00
Baroness Rothschild	14.00
Fisher Holmes	15.00
Frau K. Druschki	14.00
Gen. Jacqueminot	14.00
John Hopper	14.00
Mabel Morrison	15.00
Magna Charta	$14.00
Marshall P. Wilder	15.00
Mrs. J. Laing	14.00
Paul Neyron	14.00
Prince C. de Rohan	14.00
Ulrich Brunner	14.00
Victor Verdier	15.00

HYBRID TEA ROSES—	2 yr. Per 100
Avoca	18.00
Capt. Christy	15.00
Caroline Testout	15.00
Gruss an Teplitz	15.00
J. B. Clark	16.00
Jonkherr J. L. Mock	18.00
Kaiserin A. Victoria	16.00
Killarney	18.00
Lady Ashtown	18.00
La France	15.00
Mrs. Aaron Ward	18.00
White Killarney	20.00
VARIOUS ROSES—	
Rugosa Alba	15.00
" Rubra	14.00

Choice Ferns

	Each	Doz.	Per 100
Assorted Ferns for Dishes— A choice assortment, our selection of varieties, 2¼-inch	$0.50	$ 3.00	$25.00
Boston Ferns—			
3-inch pots	$0.15	$ 1.25	$ 8.00
4-inch pots	.25	2.50	20.00
5-inch pots	.40	4.50	35.00
6-inch pots	.75	8.00	60.00
7-inch pots	1.00	10.00	75.00
8-inch pots	1.25	14.00	100.00

Carnation Cuttings

FOR IMMEDIATE DELIVERY.

	Per 100	Per 1000
Alice	$12.00	$100.00
Champion	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	3.00	25.00
Good Cheer	12.00	100.00
Herald	3.50	30.00
Matchless	6.00	50.00
Pink Sensation	12.00	100.00
Philadelphia	3.00	25.00
Rosette	3.00	25.00
White Enchantress	3.00	25.00
White Wonder	3.00	25.00

Book For Florists, Spring 1915, Now Ready.

Chicago **Vaughan's Seed Store** **New York**

Greenhouses: Western Springs, Illinois.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½-inch staves and 17⅛-inch heads, head material not thicker than 2-5 of an inch.

Prices of Indoor Fruits and Vegetables.

Chicago, January 26.—Mushrooms, 50 to 60 cents per pound; lettuce, 15 cents to 17½ cents per box; radishes, 20 cents to 50 cents per dozen bunches; asparagus, $2.00 per dozen bunches; celery, 12 stalks, 10 cents to 20 cents; cucumbers, $1.50 to $2.00.

New York, January 26.—Cucumbers, $1.00 to $1.50 per dozen; mushrooms, 40 cents to $1.25 per 4-pound basket; tomatoes, 15 cents to 20 cents per pound; radishes, per 100 bunches, $2.00 to $3.00; lettuce, per strap, $1.00 to $1.50.

Vegetable Growing in Colorado.

Bulletin No. 199 issued by the agricultural experiment station of the Colorado Agricultural College, Fort Collins, Colo., under date of August, 1914, contains articles by R. A. McGinty, on "Vegetable Growing in Colorado," "Hot Beds and Cold Frames," and an article by C. P. Gillette entitled "Common Insects of the Garden," which cover the subjects in a comprehensive manner, and should be of interest to market gardeners, especially in Colorado. The experiment station is constantly receiving inquiries as to the method of culture of different vegetables, and it is with the idea of giving this information that the bulletin is published. Conditions and preparation of the soil and fertilizers best adapted to localities and crops, with information on plants and planting, etc., covering practically every variety of vegetable, are given.

Under the title of "Hot Beds and Cold Frames" the same author gives much valuable information as to the location and care of these, both temporary and permanent.

In his article on "Common Insects of the Garden," C. P. Gillette treats of the habit and control of such pests as the striped corn rootworm, corn earworm, green cabbage worm, cabbage louse, spotted bean beetle, squash bug, squash root maggot, onion thrips and cut worms.

Fumigating Lettuce.

As we approach spring, the green aphis will become more active, and will need close watching. The trouble generally begins in the plant beds—if plants are perfectly clean it will give the crop a long start. The methods of fighting the green aphis have undergone some changes. Spraying instead of smoking is finding favor among growers. There is enough reason for this. Large open ranges of glass are smoked with difficulty; windy weather makes smoking ineffective; peculiar air currents sometimes bunch the smoke, causing damage. This may also occur from careless operators.

The newer nicotine products make spraying very easy, as the method is practically odorless and colorless. One large grower told us recently that he sprays exclusively, and that it pays him to do so. In this, as in other lines, prevention is better than cure. By spraying regularly up to the point when the plants interlock, a crop can be matured fairly free from aphis. While the compressed air sprayers are largely used, we still favor the knapsack pumping type, as the pressure does not vary. Where lettuce is grown in frames in the early spring, spraying is about the only remedy. When nicotine extracts are not at hand, tobacco stems may be soaked in water for a few hours and this liquid used. If sprayed under high pressure it will scarcely discolor the lettuce. If fumigation is resorted to, the main point is to prevent the rising of a heavy column of smoke, which will surely damage the crop—what is wanted is a slow smudge—this can be obtained by partly covering the stems.

MARKETMAN.

Lancaster County Florists' Club.

Gloomy, rainy, sloppy weather was the promise we had to contend with for our annual meeting, Thursday, January 21, but by noon the sun shone brightly on 24 good men, and we made the trip to Strasburg, stopping first at Amos Rohrer's, then an invigorating walk of about a mile to Chas. B. Herr's. Both these places are so near to perfection in style, cleanliness and quality of bloom produced, that one is compelled to believe that the professor from India (I forget his name) who is now demonstrating by a machine test, the fact that plants respond to their surroundings with feelings of joy or gloom, as the case may be, is correct. One can positively see the gladness of living expressed by the plants with these two growers; in fact, White Perfection is so filled with joy, that it burst its calyx in the attempt to express it. Matchless has a record of having produced more blooms per square foot up to the present date of any variety grown. Philadelphia has, as grown here, established a keeping record exactly the opposite of its general reputation, and it is just possible that those who are going to discard it on account of its keeping qualities may be making a mistake. Beacon—well, Chas. B. Herr's Beacon, are simply head and shoulders over any other red grown by anybody or anywhere. Getting back to Lancaster, a run was made to the houses of Enos Kohr. This is an ideal range of glass and a model heating plant. The carnations were not quite as good as the Strasburg ones, but were very good and Mr. Kohr says they are a lot better than the prices they are bringing.

The meeting was held in the Brenneman Building, at 6:30 p. m., with the usual full attendance. The annual election resulted as follows: B. F. Barr, president; Harry Weaver, vice-president; Lemon Landis, secretary, and Harry K. Rohrer, treasurer. The newly elected president appointed the following committees:

Visiting committee—Rudolph Nagle, Charles Weaver and E. S. Rutt.

Programme committee—Albert M. Herr, E. P. Hostetter and Maurice J. Brinton.

Glad hand and sunshine committee (to welcome and introduce visitors)—J. Ira Landis, Chas. B. Herr, Wade Galey and Rutter Hess.

Exhibition committee for monthly exhibits—Harry Rohrer, Elmer Weaver, J. L. Lockard and Amos Rohrer.

Membership committee — Harry A. Schroyer, J. H. Linkey, John Schriener and Frank Kohr.

Sports committee—George Goldbach, Willis Girvin and Rudolph Nagle.

An adjournment was then made to a very delightful dinner, where we had with us our two greenhouse builders, Dennis Connor of Lord & Burnham Co., and T. J. Nolan of The King Construction Co.; also our former townsman, Chas. Edgar, and the genial representative of The H. F. Michell Co., D. J. Keohne.

After the dinner President Barr made an address thanking the members for his re-election and asking their co-operation for the coming year. He spoke of the elimination of trade jealousies and rivalry that existed in Lancaster before the club was organized, and the fact that now we call each other by our first names. He made a strong plea for the elimination of the advance in prices on cut flowers for the holidays, remarking that he would like to see this club go on record recommending a uniform price. At the conclusion of the address the writer presented Mr. Barr with a box of cigars, complimenting him on his administration, and as an evidence of the club's good will toward him. Sports were then indulged in until all the sports went home,

ALBERT M. HERR.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

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Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark American Spawn Co., St. Paul Minn

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT

170 Pages.—Price $1.00—29 Illustrations.

AMERICAN FLORIST COMPANY

440 S. Dearborn Street, Chicago.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

New Crimson Forcing Rose

Hoosier Beauty

(DORNER)

To those who have made money on our introductions of Carnations and 'Mums, we need only say this Rose is as good as anything we have done. It's a winner.

Color a bright crimson with darker shadings. A long bud, opening to a large, full flower. A texture like velvet. Very fragrant. Keeping qualities are exceptionally good. A free, easy growing variety, throwing two to three-foot stems; requires no pinching. Perfectly healthy, is not susceptible to mildew or black spot. Equal to any forcing rose in productiveness. We invite inspection of our stock.

Price: Own Root, $30.00 per 100; $250.00 per 1000. Grafts, $35.00 per 100; $300.00 per 1000.

TWO NEW CARNATIONS

PINK SENSATION--An exceedingly large flower. A well defined pink in color. Size, 4 to 4½ inches. Keeping qualities unsurpassed. Has a stocky growth, a heavier foliage than ordinary and throws good long flower stems. A high grade commercial carnation.

GOOD CHEER--Color, pink, darker than Gloriosa. Size, 3 inches and over. Good keeping qualities. Extra long stems. Early and continuous flowering—a great producer.

Price.....$12.00 per 100; $100.00 per 1000

STANDARD VARIETIES. Rooted Cuttings—Ready Now.

	Per 100	Per 1000
Champion	$6 00	$50.00
Yellow Prince	5.00	40.00
Yellowstone	5 00	40.00
White Wonder	3.00	25.00
Gloriosa	$4.00	$30.00
White Enchantress	3.00	25.00
Rosette	3.00	25.00
Philadelphia	6.00	50.00
White Perfection	$3.00	$25.00
Enchantress	3 00	25 00
Benora	3.00	25.00
Scarlet Glow	3.00	25.00

NEW WHITE CHRYSANTHEMUM

EARLY FROST--A good commercial white 'mum for very early. A cross between Golden Glow and October Frost. Height, 3 feet. Pure white with an incurved petal, perfect form and full to the center. Has the Golden Glow habit to set early buds, which develop into perfect blooms.

Rooted cuttings or two-inch pot plants.....$12.00 per 100; $100.00 per 1000

F. Dorner & Sons Co., La Fayette, Ind.

GLADIOLUS!

For Forcing.

During the next two weeks.

FOR CASH.

America

1½ to 2 inches...$7.00 per 1000
1¼ to 1½ " ... 6.00 "

Mrs. Francis King

1½ to 2 inches...$8.00 per 1000
1¼ to 1½ " ... 7.00 "

MINNESOTA

Same prices as Mrs. King.

These are young bulbs of my own growing and **there are no better anywhere. Why pay more?** Wholesale list of 70 sorts.

Samples sent for 10 cents to pay postage. Everything cheap; nothing free.

GEO. S. WOODRUFF

Independence, Iowa.

WARNAAR & CO., Sassenheim, HOLLAND,

Raisers and introducers of new and rare Darwin Tulips, Cottage Tulips, Narcissus. Hyacinths, Spireas, Dahlias, Phloxes, Delphiniums, etc., offer the most complete list of Paeony-flowered Dahlias.

Out of 110 new varieties of this section, represented in 1914 at the trial grounds of the R. H. S. England, we gained the Cup with Mrs. J. C. Vaughan and awards for Hort. Fiet and Great Britain.

Our Paeony-flowered Dahlias are the best in stem, color and shape, the best for cutting and as decorative garden plants.

We recommend:

	Per 100
Mrs. J. C. Vaughan, 1st C. C., lemon yellow. The Cup variety	$50.00
Great Britain, 1st C. C. mauve	30 00
Hort. Fiet 1st C. C., salmon buff	25 00
Chatenay, 1st C. C., salmon rose	50.00
Leo XIII 1st C. C., deep yellow	30.00
Gelsha, 1st C. C., scarlet and gold	$12.00
Amelica, 1st C. C. apricot orange	20.00
Avalanche, award, a new white	20.00
Alice Roosevelt, award, pale mauve	10 00
Dr. Peary, award mahogany	12.00

Ask for complete list and prices.

Care of J. W. HAMPTON, JR. & CO., 17 Battery Place, New York.

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4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

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JANUARY Price List

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Robert Craig Co...

High Class PALMS

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Tuberous Rooted Begonias

Splendid imported bulbs now on hand.
Grown from the finest large flowering strains.

	Doz.	100	1000
Single Sorts. White, scarlet, yellow, pink.	**40c**	**$2.50**	**$20.00**
Double Sorts. White, scarlet, yellow, pink.	**50c**	**3.50**	**30.00**

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GRASSIFOLIA GRANDIFLORA

All the **Spotted** and **Tigered** variations.

	Per 100	Per 1000
Separate colors	**$3.50**	**$30.00**
Mixed colors	**3.00**	**28.00**

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SPECIAL PRICES to close out to make room for our spring bulbs.

	Per 100
Gladstone (white)	**$6.00**
Queen Alexandra (pink)	**7.00**

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VAUGHAN'S SEED STORE, CHICAGO NEW YORK

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., at $1.25 per 100.

Asp. Plumosus and **Sprengeri,** 2¼ in. pots, $2.00 per 100.

Vinca Variegata, 3x3½-in. pots, $5.00 per 100.

Cyclamen, 3-in. pots, in bud, $3.00 100.

Geraniums, S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Pansy Plant, Giant flowering, $2.50 per 1000.

Primula Obconica, $1.00 per 100 to close out.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

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Mrs. C. W. Ward

As a Bread and Butter Variety

What Mr. Fritz Bahr, the famous writer of "The Weeks Work" in the Florist Exchange of January 9th, 1915, says about this variety:

> "With a good many of the retail growers, throughout the Middle West in particular, the great merits of Carnation Mrs. C. W. Ward have just been recognized and appreciated. It is one of the best of its color that we have today. Every retail grower should provide room for at least a few, and fairly well grown stock will sell at a higher price than any of the standard sorts on a glutted market."

We have 40,000 Cuttings of this variety ready.
$2.50 per 100; $20.00 per 1000.

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Boxwood, Bush shape, 12-in. 30c
" " " 18-in. 50c
" " " 24-in. $1.00
" " " 30-in. 1.50
Pyramids, 36-in. 2.25
" 42-in. 3.00
" 48 in. 3.50
" 54-in. 4 00
Globes, 18 by 18-in. 3.50
Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.
Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1 00 each.
Azalea Mollis, 15 to 18-in., bushy, 40c each; $4 25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.
Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped $1 50 each.
Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.
Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.
Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in high, bushy, 75c each.
Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

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Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5.00 per 100; 4 in. plants, $8 00 per 100.

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For Spring Sales and Memorial Day

Our stock is in prime condition, retarded dormant plants from 6-inch pots, in fine shape to flower for Spring Sales or for Memorial Day; any of the varieties described below at $30.00 per 100.

Avalanche. A splendid large white with a well established reputation; an easy variety to force.

Bouquet Rose. Large trusses of rosy amber turning to bright pink; a favorite with all growers.

Dentelle. Entirely distinct, deeply fringed flower of a creamy white color.

E. G. Hill. Trusses of immense size, color a most pleasing shade of pink which does not fade, growth vigorous, foliage of a pea green color, large and attractive.

General de Vibraye. A favorite wherever seen; very large heads of bright rose colored flowers, a splendid early forcing variety.

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Mme. E. Mouillere. Probably the most popular white variety on the market today, an early easy variety to force.

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Souvenir de Mme. E. Chautard. One of the very best, of splendid erect habit, very robust, medium sized heads of bright rose-colored flowers; one of the very best of the Bouquet Rose type.

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Hydrangea Otaksa. Dormant plants, 6-inch pots, $25.00 per 100; 10-inch tubs, $1.00 each; 12-inch tubs, $2.50 each.

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For full line of seasonable Plants, Bulbs, Seeds, Etc., see our current Wholesale Price List.

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The above Prices are intended for the trade only.

A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
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Cash with order.

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Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.

Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

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Good, strong, well-established plants in 2¼-inch pots of the exceedingly

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Growers will find all of these valuable additions to the list of standard varieties. They have been tested thoroughly, and have been found to have exceptional value.

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FRANCIS SCOTT KEY. This variety, raised by Mr. John Cook, is very distinct, being entirely different from any of the indoor roses grown today. Flowers are rosy red, and are unusually large and double, resembling very much a very full, double hardy garden rose. Coupled with its large size and double form, it is an exceedingly free bloomer. It promises to be exceedingly valuable, especially for spring, summer, and fall flowering, when other less double roses are difficult to handle. Its keeping qualities are remarkable.

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PRINCE E. C. D'ARENBERG. This variety might well have been termed Red Killarney, as it possesses so many of the good qualities of the Killarneys. In color, the flowers are similar to Richmond, but they are much more double, and it should prove a very much more profitable rose. Flowers have fine straight stems on all the grades—from the shortest to the longest. It has fine foliage, comes away quickly, and is even a freer bloomer than the Killarneys. We believe it is the best all-round red rose that we have today.

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	Leaves	In. high	Each	Per doz
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft	12.50
12-in. ceda tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3 in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9 in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
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9-in. tub, 4 ft. spread ..... each, $4.00

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Asparagus Plumosus, fine lot ready now at $2 50 per 100; $25 00 per 1000.

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Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.

Prices low. Send for list.

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BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft	$1 00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½-ft	2.50 each
Standard Shape, 14x14 in	2.50 each
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Nice Bushes 15-in	35c each

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ROSE CUTTINGS

For Immediate Delivery.

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$2.50	$20.00	Mrs. Geo. Shawyer	$3 00	$22.50
Pink Killarney	3.00	22.50	Mrs. Aaron Ward	3 00	22.50
White Killarney	3.00	22.50	Sunburst	3.00	22.50

Rose Plants.

Extra fine 2½ inch stock for February delivery. You can get what you want here in any quantity and at prices that are cheap considering the unusually fine quality. Order today.

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$3.00	$25.00	Sunburst	$4.00	$35.00
Killarney	4.00	35.00	Ward	4.00	35.00
White Killarney	4.00	35.00	Maryland	4.00	35.00
Mrs. Shawyer	4.00	35.00	Milady	4.00	35.00

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Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

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White Enchantress	$2.00	$17.50	Beacon (red)	$2 00	$17.50
Pink Enchantress	2.00	17.50	White Perfection	2.00	17.50
Rose Pink Enchantress	2.00	17.50	Herald (extra fine red)	3.00	27.50
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How much money do you lose every time you buy cheap cuttings? You can buy cuttings for less than we quote you but what do you get? Cuttings from exhausted stock that has not been changed in years, subject to stem rot or other disease. **You lose** half of them before planting time and have to buy field plants to fill your benches. What you have left are not worth keeping, therefore, practice safety first by getting your cuttings from us, as we are specialists and grow the carnation properly to the highest standard of perfection, guaranteed in every respect.

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Dark pink. The best and most profitable Carnation introduced to the trade last season. No other new carnation can equal it in early and continuous productiveness. The blooms command the highest prices at all times.

Rooted Cuttings, $6 00 per 100; $50.00 per 1000.

	Per 100	Per 1000
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Princess Dagmar, crimson	6 00	50.00
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White Wonder	3.00	25 00
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All stock guaranteed. Quality the first consideration.

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Some Excellent Stock

Size of pots.	Per 100	1000
2½ in. **Asparagus Plumosus**	$3.00	$25 00
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2½ in. **Asparagus Sprengeri**	2.50	22.50
4 in. **Asparagus Sprengeri**	6.50	60.00
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3½ in. **Begonia,** flowering in bloom	8.00	75.00
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3 in. **Cyclamens,** ass't varieties	8.50	80.00
2¼ in. **Fuchsias,** 15 choice varieties	3.00	25.00
2¼ in. **Heliotropes.** 3 varieties	3.00	25.00
2½ in. **Marguerites,** white and yellow.	2.75	25.00
2½ in. **Marguerite** Mrs. Sanders	3.00	28.00
4 in. **Primula Obconica,** in bud and bloom	7.50	70.00
3 in. **Primula Obconica,** in bud and bloom	4.00	38.00
3½ in. **Vinca Variegata**	6.50	60.00

5 and 6 in. **Dracaena Indivisa,** 20c and 25c each.

Geraniums, 2 and 2¼ in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, etc., $2.50 per 100; $20.00 per 1000.

Also abundance of other stock, including 30 varieties of **Canna Bulbs.** Correspondence solicited

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ROOTED

Rose Cuttings

Pink Killarney,	per 100, $2.50;	per 1000, $20.00
White Killarney,	" " 2.50	" " 20.00
Richmond,	" " 2.50	" " 20.00
Sunburst,	" " 3.00	" " 25.00

Extra fine stock ready now. Satisfaction Guaranteed.

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That **Local Growers** have placed the **Largest Individual Orders** for my

New Carnation "Alice"

offered to the Trade this season. Some have doubled, and trebled their orders on successive visits. The color is an exquisite shade of clear soft pink, midway between Enchantress and Gloriosa. Habit of plant ideal, strong, very early, and a continuous, and without doubt the most productive commercial variety I have offered to date.

Prices: Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10.000, $800.00.

If you have not seen it, send for descriptive circular, and get your **order in now. Over** 200,000 sold.

PETER FISHER, - Ellis, Mass.

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NEW ROSES FOR SPRING DELIVERY

MRS. F. F. THOMPSON—Beautiful Shell Pink.

WHITE SHAWYER—Pure White.
Both sports of Mrs. Geo. Shawyer. If you handle the parent successfully, you certainly must investigate these two Roses. Just as good! Just as free growing and just as remunerative!

SEPTEMBER MORN—(Turner).
Light pink Rose from California. "A Rose by any other name **might** smell as sweet," but this is the sweetest Rose we have ever grown.

HOOSIER BEAUTY.
Dorner's crimson; seems to be the King in its color.

Now grafting all the above. Place your order for early delivery.
Grafted Stock, $35.00 per 100; $300.00 per 1000. **Own Root Stock,** $30.00 per 100; $250.00 per 1000.

1914 VARIETIES: OPHELIA HADLEY, PRINCE D'ARENBERG, KILLARNEY BRILLIANT, MADAME HERRIOT.
Grafted, $17.50 per 100; $150.00 per 1000. **Own Root,** $12.50 per 100; $120.00 per 1000.

These varieties, with a full list of Novelty 'Mums and Carnations, fully described in our Catalogue, which will be mailed for the asking.

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Leading varieties. Address
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Chrysanthemum Novelties

In 1890 we sent out or first seedling and each subsequent year have had something good to offer. In fact many of the most popular sorts of today originated with us.

FOR 1915

Our offerings include five Commercial, five Exhibition and six Pompons.

There are None Better Offered

Will be pleased to mail descriptive and prices to those interested.

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Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.
Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.
Cyrtomium Rockfordianum, 4-in. pots, 10c; 5-in., 20c; 6.in., 35c.
Bougainvillea Glabra Sanderiana, 4-in. pots, $15.00 per 100.
Hydrangea, pot grown, French sorts, including La Lorraine, Mad. E. Mouilliere, Mad. Maurice, Hamar, Mad. Gaillard, Mad. Chantard, 5-in. pot plants, ready for 6-in., at $25.00 per 100.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.

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MATCHLESS is the best and most profitable white carnation to grow, having no equal in earliness, vigor of growth and production. It is superior in size, fragrance and keeping qualities and is non-bursting. It is a continuous bloomer and is handled with ease by any grower.

Fine Rooted Cuttings for Immediate Delivery,
$6.00 per 100; $50.00 per 1000; $112.50 per 2500; $200.00 per 5000.
We also offer MRS. C. W. WARD and BEACON,
$3.00 per 100; $25.00 per 1000.

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10 CENTS PER LINE, NET.

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Alternanthera Brilliantissima, benched plants. $7 per 1,000. Aurea nana, benched plants, $7 per 1,000. The Geo. Wittbold Co., 730 Buckingham Place, Chicago.

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25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

Ampelopsis Veitchii, pot-grown, 4-in., $1.50 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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Araucarias, Excelsa, 9 inches, 3 whorls, $5 per doz.; $40 per 100; 12 ins., 3 whorls, $7.50 per doz.; $60 per 100; 15 ins., 3 whorls, $10 per doz.; $75 per 100. Glauca, 10-12 ins., 2-3 whorls, $8 per doz. Vaughan's Seed Store, Chicago and New York.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2-in., $3 per 100; 3-in., $6 per 100; 4-in., $1.50 per doz.; $12 per 100. Sprengeri, 2-in., $2.50 per 100; 3-in., $5 per 100; 4-in., $1.25 per doz.; $10 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS NANUS. Good strong healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 3-inch, $3.50 per 100; 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Asparagus plumosus, seedlings, ready Feb. 15, $6 per 1,000; 2½-in. pots, $3 per 100; $25 per 1,000; 4-in., $12 per 100. Sprengeri, seedlings from flats, $4 per 1,000. Vaughan's Seed Store, Chicago and New York.

Asparagus plumosus and Sprengeri, 2¼-in., $2 per 100; $18 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus and Sprengeri, 2¼-in. pots, $2 per 100. Joseph H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS, 3-in., $6 per 100. SPRENGERI, 3-in., $5 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, $2.50 per 100; $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in. pots, 10-12 leaves, $1 each; variegated, 5-in. pots, 10-12 leaves, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

REMEMBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: White, pink, lavender and purple. Price, $5 per oz.

Cash with order.

ALBERT A. SAWYER, Forest Park, Ill.

ASTER SEED. Superior for cut flowers. Write for list and prices. CHEWELAH FLORAL CO., Chewelah, Washington.

AZALEAS.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Stores & Harrison Co., Painesville, O.

Azaleas, all the leading varieties, from 65c to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

BAY TREES.

BAY TREES.

Standards:

Stem	Crown	Price per pair
2 feet.	20-22-in.	$10.00
2 feet.	24-in.	12.00
2 ft. 6 in.	2 ft.	12.00
3 ft.	2 ft.	12.00
4 ft.	2 ft. 3 in.	16.00
4 ft.	2 ft. 6 in.	20.00
2 ft. 5 in.	2 ft. 6 in.	20.00
4 ft.	3 ft.	25.00
4 ft.	3 ft. to 3 ft. 6 in.	30.00

THE GEO. WITTBOLD CO.,
739 Buckingham Place, Chicago

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies, August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Gloire de Chatelaine, 2-in., $4; 3-in., $7; 4-in., $12; 5-in., $20 per 100. These are an extra choice lot of plants; if not used for sale, they make good stock plants at a bargain price. Mr. Rob. Marchant, of Hartford, Conn., says this: "The box of begonias arrived in good shape. The plants are excellent. Thanking you for your prompt attention and good stock, I remain." CHRIST WINTERICH, Cyclamen Specialist, Defiance, O.

CORALLINE LUCERNE, the wonderful new flowering BEGONIA, 2¼-inch pots, dozen, $1; hundred, $8. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOUGAINVILLEAS.

BOUGAINVILLEA GLABRA Sanderiana—2¼-inch pots, $5 per 100; $45 per 1,000; 3-inch pots, $10 per 100; 4-inch pots, $15 per 100. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD. OHIO.

BOXWOOD.

Boxwoods, bushes: 10-in., 25c each; $3 per doz.; 12-in., 30c each; $3.60 per doz.; 12-in. heavy, 10 ins. wide, 40c each; $4.80 per doz.; 15-in., 50c each; $6 per doz.; 18-in., $1 each; 24-in., $1.25. Pyramids; 30-in., $2 each; 36-in., $3 each; 3½ ft., $3.50 each; 4 ft., $4 each. Standards, 2 ft. stem, 12-15-in. crown, $2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood, bush shape, 12-in., 30c; 18-in., 50c; 24-in., $1; 30-in., $1.50. Pyramids, 36-in., $2.25; 42-in., $3; 48-in., $3.50; 54-in., $4. Globes, 18 by 18 ins., $3.50. The Storrs & Harrison Co., Painesville, O.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, L. Formosum, 7-9-in., 9-10-in., 10-11-in., 11-13-in.; also Japan grown freesias, ½ and ¾-in. The Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs, special offer. See advertisement on front cover page. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, all kinds. Arthur T. Boddington, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

CANNA NOVELTIES, started plants from pots: FIREBIRD, the largest red flowered Canna, 75c each; $8.50 per dozen.

QUEEN HELEN, the giant orchid flower, as free blooming as the truss flowered; golden yellow, red spots, each, $1.75; dozen, $20.

NOVELTIES—Dry roots: Duke of York, $1.25 per doz.; $8 per 100. Hungaria, $1.25 per doz.; $8 per 100. Kate F. Deemer, $1.50 per doz.; $10 per 100. Karl Kirsten, $1 per doz.; $8 per 100. Mrs. Alfred F. Conard, $1 per doz.; $7 per 100; $60 per 1,000. Rosea Gigantea, $1.50 per doz., $10 per 100. Undine, $1 per doz.; $7 per 100.

STANDARD CANNAS, dry roots, $2.50 per 100; $20 per 1,000: Allemania, Atlanta, Austria, Comte de Bouchard, Egandale, Florence Vaughan, Mme. Crozy, Paul Marquard, Pennsylvania, Richard Wallace, Sec. Chabanne.

STANDARD CANNAS, dry roots, $3 per 100; $25 per 1,000: California, Comte de Sach, Crimson Bedder, David Harum, Dr. Robert Fyncke, Duke of Marlborough, Fredk. Benary, Genl. Merkel, Gladiator, Jean Tissot, King Humbert, Mephisto, Pillar of Fire, Uncle Sam, West Virginia. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen, Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, strong tubers, 3 to 5 eyes, as follows: King Humbert, $2.50 per 100; Pennsylvania, Betsy Ross, Louisiana and Florence Vaughan, at $1.50 per 100; $12 per 1,000. Less 10 per cent for cash with order. ELITCH-LONG GREENHOUSES, Denver, Colo.

Cannas, divided roots, Chas. Henderson, $2.50 per 100; $20 per 1,000. Pennsylvania, Venus, F. Vaughan, $2 per 100. Anthony Crozy, $2.50 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Cannas, 2,500 Austria, $1 per 100. 300 Morning Star, $1.50 per 100. 500 Red, $1 per 100. 500 Pink Beauty, $1.50 per 100. 400 Venus Pink, $2 per 100. F. WALKER & CO., 312 West Chester St., Louisville, Ky.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., $1.25 per 100. Joseph H. Cunningham, Delaware, O.

CANNAS, tubers 3 to 5 eyes, mixed colors, $1 per 100; $5 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

CARNATIONS.

CARNATION CUTTINGS, Present Delivery.

	Per 100	Per 1000
White Wonder	$2.00	$25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Champion	6.00	50.00
Commodore	2.50	20.00
Beacon	3.00	25.00
Princess Dagmar	6.00	50.00

Guaranteed first-class stock. Can fill orders by the one hundred and one hundred thousand.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1,000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

Carnations, Peerless Pink, $6 per 100; $50 per 1,000. Champion, Yellow Prince, Matchless, Philadelphia, Princess Dagmar, Gloria, Pink Delight, $6 per 100; $50 per 1,000. The Herald, Enchantress Supreme, Conquest, $4 per 100; $30 per 1,000. White Wonder, White Enchantress, Enchantress, $3 per 100; $25 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder, White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Carnations, Pink Sensation, $12 per 100; $100 per 1,000. Philadelphia, Peerless Pink, Pink Delight, Champion, Matchless, $6 per 100; $50 per 1,000. White Wonder, Beacon red, Enchantress, Mrs. C. W. Ward, Rosette, White Enchantress, $3 per 100; $25 per 1,000. Herald, $4 per 100; $25 per 1,000. Enchantress Supreme, $4 per 100; $27 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Philadelphia, Rosette, White. Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald. $3.50 per 100; $30 per 1,000. Vaughan's Seed Store, Chicago and New York.

EXTRA FINE CARNATION CUTTINGS.
The best in the land. Big value for your money.

Enchantress	$20.00 per 1,000
White Enchantress	20.00 per 1,000
White Wonder	25.00 per 1,000

SINNER BROS.,
56 East Randolph St., Chicago, Ill.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

ROOTED CARNATION CUTTINGS. Beacon, White Enchantress, Enchantress, Rose Pink and Herald, $20 per 1,000.
WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St., Cincinnati, O.

Carnations, White Enchantress, Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, Beacon, White Perfection, $2 per 100; $17.50 per 1,000. Herald, $3 per 100; $27.50 per 1,000. Josie Merle, $3 per 100; $27.50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Carnation Matchless, rooted cuttings, $6 per 100; $50 per 1,000; $112.50 per 2,500; $200 per 5,000. Mrs. C. W. Ward and Beacon, $3 per 100; $25 per 1,000. Cottage Gardens Co., Inc., Queens, New York.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

ROOTED CHRYSANTHEMUM CUTTINGS.
February and March Delivery.

WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.

Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.
A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, rooted cuttings or 2-in., pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis Jackmani, 6-in., 35c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Fine bedding COLEUS, twenty best varieties, 2¼-inch pots, hundred, $2; thousand, $17.50. Our catalog of everything you need mailed on application. Write for it today.
THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Coleus, Golden Bedder, 2-in., $2.50 per 100. Verschaffeltii, 2-in., $2.50 per 1,000. Red and yellow Pfister, $2.50 per 100. Brilliancy, 2-in., $2.50 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Coleus, rooted cuttings, 10 varieties, 70c per 100 postpaid; $5 per 1,000 by express, not prepaid. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

CROTONS.

A fine assortment of CROTONS from 2¼-inch pots, dozen, 75c; hundred, $4. Our catalog of everything you need mailed on application. Write for it today.
THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Crotons, 4-in., $4 per doz.; $30 per 100; 5-in., $6 per doz. Vaughan's Seed Store, Chicago and New York.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

A great bargain in blooming cyclamen, full of blooms and well set with buds, every plant a specimen, mostly light shades, 2½ in., $5; 4-in., $10 and $15; 5-in., $25 and $35; 6-in., $50 and $75 per 100. We have received a good many letters similar to this one: "Thank you very much for the beautiful cyclamen plants. It does not take a salesman to sell them."—Colonial Flower Shop, Goshen, Ind. "I am in receipt of the transplanted cyclamens and express my thanks. I of course expected good plants from you, but these are above my expectation. I will try and win first prize with them as two years ago I received first in Chicago. I recommended you to Mr. Kuppenheimer's niece from Lake Forest and I shall do all I can for you in the future. Thanking you again, etc.," yours, Paul Dieball, Gardener for Mr. Kuppenheimer at Hubbards Woods, Ill. CYCLAMEN SEEDLINGS, once transplanted, of our well-known strain, only the best sent out, with cultural directions; in separate colors, $3.50 per 100; $30 per 1,000. These are strong, once transplanted stock, not to be compared with seedlings. 250,000 grown this season. CHRIST WINTERICH, Cyclamen Specialist, Defiance, O.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM in full bloom, 4-in., red, white red eye, pink, 12c; 4-in., Salmon, 15c; 5-in., mixed colors, 35c. R. J. Southerton, Highland Park, Ill.

Cyclamens, in bloom, mostly light colored stock, 5-inch, $5; 6-inch, $7.50 per dozen; 7-inch, $1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamen, 3-in., in bud, $3 per 100. Joseph H. Cunningham, Delaware, O.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

100,000 choicest cut-flower DAHLIAS, strong field-grown roots, absolutely true to name: Delice, $5 per 100. White Swan, $4 per 100. Bonton, Elegans, Princess Victoria, Penelope, Queen Victoria, Kriemhilde, Mrs. Geo. Stevenson, Perlehilde, Prince of Yellows, The Pilot, Admiral Togo, Jumbo, Kinds Pink, Lyndhurst, Evelyn Century, Eckford Century, Golden Century, Wildfire, Cardinal, Fr. 20th Century, Gladys, Rose Pink, 20th Century, $3 per 100; $25 per 1,000. Arabella, Red Hussar, Jack Rose, Sylvia, $2.50 per 100; $20 per 1,000. Reference, Peoples' National Bank. JAS. WELLER, Hammonton, N. J.

DAHLIAS, divided field-roots, choice varieties, 75c per doz.; $6 per 100. Our catalogue of everything you need mailed on application. Write for it today.
THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
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Dahlias, whole field clumps, $5 per 100, up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Dahlias, Mrs. J. C. Vaughan, $50 per 100. Great Britain, $30. Hort. Fiet., $25. Chatenay, $50. Leo XIII, $30. Geisha, $12. America, $20. Avalanche, $20. Alice Roosevelt, $10. Dr. Perry, $12. Warnaar & Co., care of J. W. Hampton, Jr., & Co., 17 Battery Place, New York.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DRACAENAS.

Dracænas, Fragrans, 3-in., $1.80 per doz.; 4-in., $3 per doz.; 5-in., $6 per doz. Hybrida Lord Wolseley, 4-in., 50c each. Indivisa, 2-in., $3 per 100; 3-in., 75c per doz.; $5 per 100; 4-in., $1.25 per doz.; $10 per 100; 5-in., $3 per doz.; $24 per 100; 7-in., 50c and 75c each; 7-in., extra fine, $1 each. Lindenii, 4-in., $6 per doz. Massangeana, 3-in., $2.50 per doz.; 4-in., $5 per doz.; 5-in., $7 per doz. Terminalis, 5-in., 75c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

FERNS.

G. & R. quality ferns, 2¼-inch pots, ready now. FREE FROM FERN SCALE, which is a terrible handicap to growing fine ferns. We sold over five hundred thousand G. & R. quality ferns last spring. Try us for your next order of ferns.

	Per 100	Per 1000
Amerpohlii (Filigree fern)	$5.50	$50.00
Bostoniensis (Boston fern)	3.50	30.00
Davilloides Furcans (Fishtail fern)	4.50	40.00
Elegantissima (Philadelphia Lace fern)	4.00	35.00
Elegantissima Compacta (Tarrytown fern)	4.50	40.00
Exaltata (original Sword fern)	3.50	30.00
Goodii (Baby's Breath fern)	5.50	50.00
Piersonii (Gold Medal fern)	4.00	35.00
Roosevelt (Roosevelt fern)	4.50	40.00
Scholzelii (Crested fern)	4.50	40.00
Scotti (Newport fern)	5.00	45.00
Splendida (Big 4 fern)	5.50	50.00
Teddy Junior (Teddy, Jr., fern), $1.25 per doz.	8.00	
Todeaoides (London fern)	4.50	40.00
Whitmani (Ostrich Plume fern)	4.00	35.00
Whitmani Compacta (Parlor fern)	4.50	40.00

Dwarf ferns for table dishes, fine assortment, including Holly, Wilsoni, Cretica, Tsusimense, Wimsetti and others, $2 per 100; $17.50 per 1,000.

Our catalogue of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
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Ferns, Adiantum cuneatum, 3-in., $1 per doz.; $8 per 100. Asplenium nidus avis, 4-in., $6 per doz.; 5-in., $12; specimens, $2.50 and $3 each. Assorted ferns for dishes, $3 per 100. Boston, 2-in., 50c per doz.; $4 per 100; 3-in., $1 per doz.; $7 per 100; 4-in., $1.50 per doz.; $12 per 100; 5-in., $3 per doz.; $25 per 100; 6-in., $6 per doz.; $50 per 100; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 9-in., $1.50 each; $18 per doz. Larger specimens, $2 and $2.50 each. Boston hanging baskets, $1 to $4 each. Cyrtomium falcatum, 2-in., $3 per 100; $25 per 1,000; 3-in., 50c per doz.; $6 per 100; 4-in., $1.50 per doz.; $12 per 100; 5-in., $2.50 per doz.; 6-in., 35c each; $4 per doz. Whitmani, 2-in., $4 per 100; 3-in., $1 per doz.; $8 per 100; Whitmani, 4-in., $2 per doz.; $15 per 100; 5-in., $3 per doz.; 5-in. made-up, $3 per doz.; 6-in., $6 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

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Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

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GLADIOLI SPECIAL — Fill your empty benches now with gladiolus, G. & R. own home grown. America, Augusta, Mrs. Francis King. The forcing varieties, first size, 1¼ inch up, hundred, 80c; thousand, $7.50. In lots of five thousand, $7 per thousand.

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Gladiolus, Mrs. Francis King, 1st size, $2 per 100; $18 per 1,000; 2nd size, $1.30 per 100; $12 per 1,000; 3rd size, $1 per 100; $8 per 1,000. America, 1st size, $2.25 per 100; $20 per 1,000. Brenchleyensis, 1st size, $2 per 100; $18 per 1,000. Best mixture, 1st size, $1.30 per 100; $12 per 1,000. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Bulbs, Gladiolus, Mrs. Francis King, 1st size, $10 per 1,000; medium, $8. Augusta, 1st size, $12 per 1,000; medium, $10. Chicago White, 1st size, $30 per 1,000; medium, $25. America, 1st size, $12 per 1,000; medium, $10. Florist XXX mixed, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladiolus, America, 1½-2 inches, $7 per 1,000; 1¼-1½ inches, $6 per 1,000. Mrs. Francis King, 1½-2 inches, $8 per 1,000; 1¼-1½ inches, $7 per 1,000. Minnesota same price as Mrs. King. Geo. S. Woodruff, Independence, Iowa.

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6-in., 18 to 24 in. high, at 75c; $9.00 per doz.

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3-in., at $2.50 per doz.
2-in., at $1.75 per doz.; $14.00 per 100.

KENTIA BELMOREANA.

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	12-14-in.		4.50	35.00
5-in.,	5-6	15-18-in.		6.00	50.00
7-in.,	6-7	30-32-in.	$ 2.50		
8-in.,	6-7	48-in.	7.00		
8-in. tubs,	6-7	60-in.	10.00		
9-in. tubs,	7-8	72-in.	13.00		

KENTIA FORSTERIANA.

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	14-16-in.		4.50	35.00
5-in.	5-6	16-18-in.	$ 0.50	6.00	
5-in., extra strong			.75	9.00	
6-in.,	5-6	18-24-in.	1.00		
7-in.,	6-7	36-40-in.	2.25 to 2.50		
7-in.,	6-7	44-48-in.	4.00		
8-in.,	6-7	60-64-in.	8.50		
8-in.,	6-7	64-68-in.	9.00		
9-in.,	6-7	72-in.	11.00		
9-in.,	7-8	80-84-in.	12.00		
9-in.,	7-8	84-88-in.	15.00		

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7-in., 24-30 in. high, at $2.00 and $2.50 each.
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9-in. tubs, 40-in. high, at $5.00 each.
9-in. tubs, 48-in. high, at $7.50 each.
9-in. tubs, 52-56-in. high, at $9.00 each.
9-in. tubs, 66-70-in. high, at $12.00 each.
9-in. tubs, 72-80-in. high, at $15.00 each.
6-in., 3-4 in a pot, 20-24 in., high, at $1.25; $15.00 per doz.
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7-in., 3-4 in a pot, at $2.50 each.

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2-in., at $5.00 per 100.
3-in., at $10.00 per 100.
4-in., made up, at 25c; $3.00 per doz.

PHOENIX CANARIENSIS:
7-in., 24 in. high, at $1.50.
8-in., 30 in. high, at $2.50.
9-in., 48-50 in. high, at $6.00, $7.00.
9-in., 60-64 in. high, at $12.00.
Extra large, 7 feet and more, at $40.00.

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Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30	1.50
6-inch pots,	6 to 7,	32 to 34	2.00
7-inch pots,	6 to 7,	40 to 42	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44	4.00
8-inch tubs,	6 to 7,	45 to 48	5.00
9-inch tubs,	6 to 7,	58 to 64	7.50

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20	$0.35
6-inch pots,	5 to 6,	28 to 30	1.00
6-inch pots,	5 to 6,	34 to 36	1.50
8-inch tubs,	6 to 7,	46 to 48	3.50
8-inch tubs,	6 to 7,	50 to 54	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	$1.50
7-inch pots, 3 plants in a pot,	36 to 38	2.50
7-inch tubs, 4 plants in a tub,	38 to 40	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	3.50
8-inch tubs, 3 plants in a tub,	48 to 54	5.00
8-inch tubs, 4 plants in a tub,	52 to 56	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens, 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

KENTIA BELMOREANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	24	$1.25
7-inch pots, 3 plants in a pot,	38 to 40	3.50

Specimens very heavy, $10 to $12.

ARECA LUTESCENS.
6-inch pots, 3 plants in pot $1.00
7-inch pots, 3 plants in pot 1.50

PHOENIX ROEBELENII.
4-inch, nicely characterized $0.50
7-inch, 22 inches high, 30 to 32 ..... 2.00
7-inch, 26 inches high, 34 to 36 ..... 2.50
8-inch tubs, fine specimens 3.50

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Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Rochelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

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Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

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Pansy plants, giant flowering, $2.50 per 1,000. Joseph H. Cunningham, Delaware, O.

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Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, dbl., mixed colors, 2-inch, $2 per 100; 3 inch, $3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, double assorted or in separate colors, pure white and violet, $3 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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HARDY PHLOX in best varieties, field-grown, dozen, 50c; hundred, $3.50; thousand, $30. Our catalog of everything you need mailed on application. Write for it today.

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Extra fine rooted Rose Cuttings, $3 per 100; $25 per 1,000; 500 at 1,000 rate; immediate delivery: Milady, White Killarney, My Maryland, Pink Killarney. Order now. Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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ROSES. My Maryland and Pink Killarney, 3-in., $5 per 100. Kaiserin, 4-in., $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

Roses. W. & T. Smith Co., Geneva, N. Y.

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Seeds, Pansy: Vaughan's International mixture, $10 per oz.; $2.50 per ¼ oz.; $1.50 per ⅛ oz.; trade packet, 50c. Giant mixture, $4 per oz.; $1 per ¼ oz.; 60c per ⅛ oz.; trade packet, 25c. Early flowering giant pansies, white, yellow, light blue, dark blue, mixed, trade packet 500 seeds, 65c; ⅛ oz., $2.50. Asparagus Plumosus, per 100 seeds, 50c; 250 seeds, $1; 1,000 seeds, $3.50; 5,000 seeds, to 10,000, $3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, natural grass, grass seed mixtures for meadows and lawns. Clover, agricultural and forest tree seeds. Conrad Appel, Darmstadt, Germany, or Loewith, Larsen & Co., agents, 150 Nassau St., New York.

Seeds, new Pacific Beauty aster, ⅛ oz., $1; ¼ oz., $2; ½ oz., $4; oz., $8. Herbert & Fleishauer, Aster Specialists, McMinnville Oregon.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

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We claim that this strain is not excelled as a florist's mixture by any strain offered anywhere. Trade packets, $1; ounce, $10. THE PARK FLORAL CO., DENVER, COLO.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beams. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, novelties in flowers and vegetables. Carter's Tested Seeds, Inc., 125 Chamber of Commerce Bldg., Boston, Mass.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

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Seed, pansy, giant flowering, $4 per oz. Jos. H. Cunningham, Delaware, O.

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Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

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Shamrock plants for St. Patrick's day, 1-inch and 2-inch, $3 per 100; $25 per 1,000. Feb. and March delivery. Poehlmann Bros. Co., Morton Grove, Ill.

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Smilax, 2½-inch, $1.25 per 100; $10 per 1,000. J. C. Schmidt, Bristol, Pa.

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Snapdragons, Silver Pink, 4-in., $2 per doz.; $15 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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Spirea Gladstone, strong clumps, $1.50 per doz. Peach Blossom, $2 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

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Tradescantia Zebrina, 2-in., $2 per 100; 3-in., $6 per 100; 4-in., $8 per 100. Albo-striata, 2-in., $4 per 100; 4-in., $1 per doz.; $8 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

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Verbenas, assorted, 2-in., $3 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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Vincas variegated, 2-in., $3 per 100; 3-in., $6 per 100; 4-in., $10 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Vinca Variegata, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Vinca Var., 3x3½ pots, $5 per 100. Joseph H. Cunningham, Delaware, O.

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VIOLETS, Princess of Wales, field-grown, strong, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

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Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

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The Kroeschell greenhouse boiler, best of all for hot water heating. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

"Has Them All Beat" for greenhouse heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

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Boilers, smoke burner, self-feeding, for greenhouses. Nic. Krier Boiler Works, 2725 N. Marshfield Ave., Chicago.

Boilers, pipe, boiler tubes, valves, fittings, etc. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

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SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.
MICHIGAN CUT-FLOWER EXCHANGE,
38-40 Broadway. Detroit, Mich.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

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Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

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TRY US on Gold Fish, Aquariums and Globes. The J. N. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

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Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Liquid—NICO-FUME—Paper, for thrips, aphis. Spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Aphine, $1 per qt., $2.50 per gal. Fungine, 75c per qt., $2 per gal. Vermine, $1 per qt., $3 per gal. Scaline, 75c per qt., $1.50 per gal.; 10 gals., $10. Nikotiana, $1.50 per qt., $4.50 per gal. Aphine Mfg. Co., Madison, N. J.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Clay's fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

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Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

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Floral designs, wire window guards, office railings, and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Florists' Wire Work at lowest prices. Komada Bros., 1008 Vine St., Philadelphia, Pa.

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OUR SPECIALTY
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Worcester, Mass.

The annual meeting of the Massachusetts Fruit Growers' Association was held January 13-14, President Fred C. Sears in the chair. The meeting was well attended, and interesting addresses and lectures were a feature.

H. F. Littlefield has given up his branch store at 409 Main street, and is now conducting all his business at his main store, 554 Main street.

Henry F. Midgley is cutting some exceptionally good carnations from plants carried over two and three years.

A. A. Phelps has built a greenhouse 30x150 feet in Northboro, Mass., in which he intends to grow roses.

M. W. R.

OKLAHOMA CITY, OKLA.—Lon Foster, of Furrow & Co., in reporting on the 1914 holiday trade, states that while their new store was not opened until September 1, the trade was from 35 to 50 per cent better than was anticipated, and had it not been for the extremely cold weather of December 24-25, the grand total of the sales would have been increased at least $500. Prices were higher than for the 1913 corresponding period, but quality was better. There was an increased demand for flowering plants, and basket arrangements, ranging in price from $3.50 to $7.50, sold well. They are planning for a splendid Easter business.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

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By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

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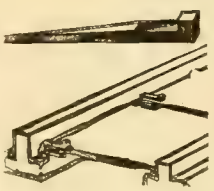

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Good for small or large glass, do not rust, easy to drive, 5/8 and 7/8 inch. Per lb. 40c, 5-lbs. $1.85. 20-lbs., $7.00
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XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
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XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18 gauge wire; per roll..... $1.90 to 1.13
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Can be shipped at an hour's notice. Price per crate:

2000	1¾-in., crate,	$6.00	456	4½-in., crate,	$5.24
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1500	2¼ "	5.25	210	5½ "	3.78
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1000	3 "	5.00	120	7 "	4.20
800	3½ "	5.80	60	8 "	3.00
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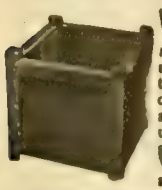

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No.	Diam.	Ea.	Doz.	100
10	20in.	$1.45	$16.00	$130.00
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30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40.00
60	10 in.	.38	4.00	32.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced; the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handle.

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A free nicotine, 40% strength, for spraying and vaporizing.

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Each kind separate and pure. The best for all greenhouse, field and landscape uses. Ask your supply man for
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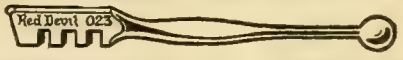

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OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACKORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

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SUGGESTIONS FOR PLANT GROWERS.

Genistas.

The plants of genistas should now be making their blooming growth and no further pinching will be necessary except in the case of long, strong growths which sometimes break from the stem and thereby spoil the symmetry of the plant, and these should be cut back as soon as they grow beyond the other flowering shorts. They can now be bloomed in succession by moving some into a warmer house, but those that are wanted at Easter are still better left in a cool house, one with a temperature of 45 degrees being the one that will produce the best results. These plants are never partial to great heat, reveling in a cool atmosphere, and often when taken into the warm living rooms where the air is extremely dry will soon drop their leaves. Those that are being grown to certain shapes, such as the balls, pyramids or baskets, will doubtless require some pinching back yet, but this should be done with great care or the flowering buds will be removed. A close examination of the tip of the shoot will clearly show whether the buds are forming and when this occurs all pinching must be immediately stopped. Any blind wood or extra strong growths that are cut out may be made into cuttings and young stock obtained. These will root much better in a cool propagating bench than in one where the bottom heat is confined. When the plants are full of bloom they will require heavy watering, and do not place them in a dry warm location for any great length of time.

Pelargoniums.

While all the plants so well known as geraniums are pelargoniums, yet it is the show or fancy type called by many Lady Washington geraniums that are generally known under this name. The plants that are wanted in bloom in April and May will now be in their blooming pots and beginning to show their blooming growths, but for June and July flowering the plants should now be shifted to the blooming pots, five or six-inch as the plants may require, except with large specimens, of which few are now seen. They like a turfy, coarse loam, to which may be added one-fourth well rotted manure, and if the soil is heavy a liberal amount of sharp sand to keep it open, and the plants should be potted very firmly. A cool, well-ventilated house should be selected for growing them, and until the days grow warmer and brighter they should be watered sparingly. In early spring, when they are well covered with foliage and the blooming shoots begin to grow, more water will be needed. A little stopping may be necessary if the plants send forth strong, long growths, to make the plant shapely, but care and judgment should be used in this operation, which should cease upon the appearance of the bud shoots, which are easily distinguished by the different manner of growth. Do not attempt to take any cuttings at this time, for after the plants are through blooming is the best time for propagation, and any cuttings taken now are pretty sure to rob the plants of the bloom. These plants are very subject to attacks of both red spider and green fly, and should be fumigated or sprayed regularly. As the extremely hot, dry days of summer approach a slight shade will be found very beneficial to both the plant and flowers.

Antirrhinums.

The grower of antirrhinums has an opportunity now to select the best plants from which to propagate the stock for another year, as the plants are now producing fine spikes and it is possible to select the best types. Those that have fine large flowers set closely together on the stem, and yet not close enough to crowd, are to be preferred. The earliness of blooming is another matter to take into consideration. It will be found in raising these plants from seed that there is a great difference in their time of blooming, and for winter flowering the earliest that there are of good type should be chosen. There are plenty of good cuttings to be obtained now for the laterals which grow from the axil of each leaf make the best cuttings and the flower is enlarged by their removal. Plants that

are in bloom will be benefited greatly from now on by feeding either with liquid manure or a strong mulch, and the next growth thinned to eight or ten shoots, which will insure a much better crop for spring cutting than to allow all the small shoots to grow. Keep the plants tied erect all the time, for it takes but a few hours' sun to draw the tip up from a stem that leans away from the center, with the result that a crooked stem is formed, which greatly impairs its appearance. These spikes of bloom should be handled very carefully, especially the long sprays, for they are very brittle and break easily. It is better not to cut too many at once. When cutting hold them with the heads hanging down, and when there are as many as can be easily held in the hand cut, take them at once to the flower room, trim off all surplus growth and tie the stems a dozen in a bunch, then loosely tie strings around the center and toward the top of the bunch, and place the stems in a deep jar of water. This prevents crooked stems, so often seen, for the plant continues its growth after being cut, and if allowed to hang away from the jar the blooms grow crooked.

Verbenas.

The verbena makes a very satisfactory bedding plant if properly grown, but the thin, spindly plants produced from late grown seed and planted in flats and baskets as closely together as is possible in order that they may be sold at a cheap price, seldom make any showing in the beds until very late in summer. The seeds should be sown early enough that the plants may be stopped and branched and grown in pots, and one plant so grown will make more showing during the season than half a dozen of the poor plants so freely offered at the spring sales. It is really better to buy the rooted cuttings of selected varieties that are advertised at this time than to sow seed after the middle of February. Seed sown up to this date, however, can be grown on to make fine plants. Care must be exercised in the germination of the seed, which is often blamed for the carelessness or lack of knowledge of the grower, for the seed damps off very easily when it germinates, being very sensitive to any change in temperature and moisture. Until they begin to make growth, the plants should be watched carefully, never allowed to become dry, or exposed to any draughts.

Aster Lice.

ED. AMERICAN FLORIST:

Nearly all my asters have been killed this year and they seem to have been destroyed by a sort of plant louse that covered the stem near the ground. Can you give me any idea as to how to combat this another year? Should the soil be treated with anything in the fall to prevent the reappearance of the lice another year? It may be that the eggs of the lice were brought in on the young plants that I brought from a garden near my house as that gardener had been having bad luck with his asters. J. E. B.

Illinois.

Root lice cause aster plants to have a sickly, wilted, stunted appearance. Upon pulling up the affected plants the roots will be found to be covered with bluish lice. A mulch of tobacco stems, or tobacco dust, applied early in the season will prevent the attacks. Saturating the soil about the roots of the affected plants with freshly made tobacco water will destroy the lice. As root lice live over the winter in the soil it is not safe to plant asters the following year on land where the lice have appeared.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Standing Cross With Wreath.

Here is quite an elaborate piece of work. As shown in the illustration the lower portion of the cross appears rather light to support such a heavy wreath, but this no doubt is due to a trick of the camera, as the cross arm and above seem ample and in proportion to the wreath, which against the bronze galax must have stood out in strong contrast. The base, or foot, is generous and filled in keeping to the size of the design. Taken altogether, it must have been an elegant piece of work, and a credit to John C. Gracey, of Philadelphia, Pa., by whom it was designed. K.

Opening a Store.

The question is often asked, How much capital will it take to start a cut flower store? Could I get along on $500? Would it be possible to

Cross on Base, Ivy Leaves and Wheat With Garland of Jasmine.

present any kind of a front that might be called a bid for business on this investment, with no reserve to fall back upon?

While this amount is not large and would be totally inadequate to finance a new venture on pretentious lines, designed to do a large business at the start, it is much more than many beginners have had, who have hustled and made good almost from the first. It is very much better for a man with limited capital who desires to open up a shop, to begin in a small way. Before he commits himself to the venture, let him consider well and look at the subject from all sides. There are a number of flower stores in his city or neighborhood doing business with more or less success. Let him find out, if possible, why some forge ahead and others stand still or fall behind. Study well the locations, as much depends on the neighborhood from which the trade is to be drawn.

LOCATION.

There are many reasons why a business may not be successful and location is one of the most important; every other condition may be favorable, but it will take a long time to build up a trade in a poor location. If this is found to be all right, then perhaps the business is not properly managed. A full up-to-date stock is lacking, the outside appearance of the place looks unkempt, signs are not bright, windows need polishing, and but little appears to be displayed to make them attractive. This matter of window decoration is nearly always an index to the prosperity of the business. If windows are more or less filled with bright, fresh stock, plants, flowers, and examples of artistic arrangement, the public is attracted, they stop and admire, make purchases or remember at some future date to do so. Go inside and have a talk with the managers of the various places. You learn every minute of your inspection, you mentally note this or that point of failure or success, that is if you have had experience, and no man should risk his money in such a venture without it; better seek employment with a good house for two or three years, and learn the business from the bottom up. With such a foundation many an important business structure has been built up from a very limited capital. A great many flower shops in the large cities, which are known to be prosperous and successful, are owned by men who began with only a basket in some crowded corner and finally rent or own the store in front of which they used to stand.

THE KIND OF STORE.

In selecting a shop it is well to favor one with a yard in the rear for a greenhouse. A small store is best, for the expense is lighter, it does not cost as much to furnish and a comparatively small amount of stock makes the place appear full. It is changed so often that it is always fresh and salable, while in a large store the percentage of waste in the quantity necessary to fill it is much greater. A smaller ice box suffices, and this with its samples of staple flowers, is much more attractive than a large one half filled. After all, the secret of success lies in the personality of the proprietor. If in building up a trade he has enthusiasm, takes a pleasure in his work, is on the job all the time, studies his customers and their needs, is always ready cheerfully to correct mistakes, he is almost sure to succeed.

Business changes rapidly in these days of combination, and it is much easier to conduct a flower shop now than 15 or even 10 years ago. Flower growers used to carry around their stock and could not be found except at home or when they made their rounds early in the morning. Now with the large commission houses it is possible to get almost anything required, the telephone and the swift-moving auto making it ofttimes a matter of minutes in the delivery of the stock.

CREDITS.

A new establishment should, if possible, require cash or reference from its customers as a matter of course, or follow the custom of giving credits prevalent years ago. Book accounts with responsible people are a good asset to any business; they constitute a good will, it being the rule generally to buy where there is a charge. Accounts with good people are generally paid before the 10th of the month. A bill rendered them being very objection-

able to prompt payers. Some things must be charged, but in many lines this promiscuous credit is being curtailed and cash or very short time is now extended except to persons of known financial responsibility. All public utilities now demand cash, or even that payments shall be made in advance. That this plan can be carried out in the cutflower business is seen in a number of instances where flowers, plants, decorations, in fact the entire products, are sold for cash only, and the business increases as the fame of the stores and their low prices become known. Ross, of Philadelphia, Pa., has three such stores in the heart of the business districts of residential sections, and in each the business is increasing rapidly.

There is no doubt that there are many openings in the large cities for these cash stores in which flowers bought in quantity lots are quickly sold at low prices, but which on account of the quantity handled show a very good return. K.

Abutilons for the Greenhouse.

Despite their many desirable qualities, abutilons, generally speaking, do not appear to be as popular now as they were a generation ago. The mood for change has undoubtedly had a good deal to do with this, while on the other hand, the fact that many new varieties were raised in the early '80's led to renewed attention being paid to them at that period. Apart from the vast number of garden forms there are several distinct species, some of which are of high ornamental value. Prominent among these species is Abutilon Darwini, a sturdy-growing plant, with orange-red flowers that are veined with a deeper tint. This species has played an important part in the production of new varieties, the various reds and crimsons having emanated from it. A. insigne, sometimes known as A. igneum, is of a rambling habit, the branches being clothed with large heart-shaped leaves of a peculiarly rugose character. The drooping, bell-shaped flowers are much more widely expanded than the ordinary garden varieties; the color is rosy-red with blackish veinings. This species flowers, as a rule, during the autumn and early winter months.

A. megapotamicum, also known as A. vexillarium, is an exceedingly rapid- you were when you moved out to your growing climber, possessing small, pointed leaves and a profusion of brightly-colored blossoms, that are borne throughout the greater part of the year. The petals are yellow, and the sepals dark red. There is also a variety of this with leaves finely marbled with golden-yellow. This is very popular, indeed it is more generally met with than the ordinary, green-leaved form. A. megapotamicum is valuable as a wall, pillar, or roof plant for the conservatory or greenhouse, while the variegated-leaved variety is often bedded out during the summer months, and under the influence of bright sunshine both the leaves and flowers acquire an unusual richness of coloring.

A. striatum is a very free-growing plant with large-lobed leaves and rich yellow flowers veined with bright red. It is well suited for growing as a pillar plant in a lofty structure. In A. vitifolium we have a grand outdoor shrub for the milder parts of the West of England and similarly favorable spots, but it is not so much at home as a greenhouse shrub. When in good condition it forms a large bush clothed with saucer-shaped flowers of a pleasing shade of porcelain-blue. The white variety of this species is also very desirable.

STANDING CROSS AND WREATH.

Among the many garden forms there is a wide range in color varying from pure white to deep crimson through various intermediate shades. A Boule de Niege, the oldest white-flowered variety, whose origin seems to be unknown, was sent out forty years ago, and although there have been many whites distributed since then, it still remains one of the best of that hue. Another good white variety is named Driven Snow, while other desirable kinds are Anna Crozy, purple; Eureka, pink; Future Fame, crimson; Golden Fleece, yellow, particularly fine; Jules Marty, orange; Rosæflorum, rose; Royal Scarlet, scarlet; Crepuscule, salmon-rose; Sanglant, bright crimson; and Gold Kaffir, deep orange.

These garden varieties of abutilon may be treated in various ways. In the first place, if stopped two or three times during their earlier stages, and shifted into larger pots when necessary, they quickly form bushy specimens that will maintain a display of blossoms for a very long time in the greenhouse or conservatory. An important point to bear in mind is that they are gross feeders, therefore occasional doses of some stimulant are very necessary, and greatly assist the plants in the production of good blooms. Another way of growing abutilons is in standard form, as in this way the pendulous nature of the blossoms is seen to advantage. This remark also applies with equal force when they are trained to a roof, for which purpose the looser-growing kinds are well suited. As an instance of their beauty when grown in this way, reference may be made to a specimen of Golden Fleece in the greenhouse at Kew, which has for years been greatly admired.

There is also quite a long list of abutilons with variegated foliage, among them being A. Darwini tessel-

latum, with leaves that are tesselated with various shades of yellow and green; A. Savitzi, the foliage of which is closely variegated with white; A. Souvenir du Bon, a stronger grower and less variegated than the preceding; A. Thomsoni, green leaves mottle gold; and A. Thomsoni flore plena, a double-flowered variety of the latter; A. nævium marmoratum, leaves blotched with pale yellow; and for further varieties there are forms of A. megapotamicum and A. insigne having variegated foliage.—The Gardeners' Magazine.

FLORISTS' FERNS.

Fern Notes.

During midwinter there is comparatively little growth made by the majority of ferns, and consequently but little potting that may be done to advantage, for unless the roots of a plant are active it is not much use to repot. The holiday season uses up a great many ferns, either those in the larger sizes, or the small stock that is available for filling table ferneries and for baskets being among the plants that find a ready opening at this season.

In the more expensive arrangements Adiantum Farleyense takes a prominent part, in some cases the whole plant being turned out of the pot and placed among other plants in a fancy basket, while great quantities are cut off and used for a setting for some elaborate cut flower arrangement. Of course this means considerable outlay on the part of the retailer, for Farleyense in five or six-inch pots count up quite rapidly on the bill, but the results fully justify this form of extravagance. But these plants have to be prepared in advance of the season, for Farleyense cannot be pushed up in a few weeks, the plants in six-inch pots having been grown from small stock of the preceding spring. It is now quite generally understood that this adiantum rarely produces spores, and as a matter of fact, the writer has never seen seedling plants of this fern, though having seen the spores occasionally in an experience of forty years. On this account, the division of the crowns is the method of increase in general use, and this operation is performed early in the season.

There seems to be a dormant eye at the base of nearly every leaf stem, so quite small divisions of the crown will produce a young plant, provided, that proper care be given to the divisions after they are placed in the propagating frame.

A mixture of sand and sphagnum moss makes a good medium in which to start the young plants while they are in the frame, and a rather sandy loam to which has been added some chopped moss and a little broken charcoal, forms a good mixture in which to pot off the young stock from the propagating bed.

When the young plants have progressed sufficiently to require another shift, the compost may be of a stronger nature, some dry cow dung broken up and mixed with the soil being a very satisfactory fertilizer for the purpose. A temperature of 65 at night is a satisfactory condition for growth, this being combined with a moist atmosphere and light shading for the best results.

There is something peculiar and yet quite attractive in the bird's nest fern, Asplenium nidus, its broad and smooth fronds of glossy green forming such a decided contrast to the foliage of ferns in general that it is scarcely to be wondered at that the plant-buying public have taken to it, and that some growers are handling a house or two of this fern. Of course it cannot be used everywhere in place of a Boston fern, but it is a pleasure to see the trade lists of such plants gradually expanding, and the public taste being encouraged toward a greater variety, for the public, like the individual, is very largely a creature of habit.

W. H. TAPLIN.

A Curious Panama Fern.

W. R. Maxon has recently described, in the miscellaneous collections of the Smithsonian Institution, a polypodium from Panama in which the apex of the frond is capable of continuous growth like species of Nephrolepis, says the Fern Bulletin. The pinnules are many times forked, and the sori borne on club-shaped vein endings that project beyond the segments of the frond on which they are located. The fern is named Polypodium podocarpum and is not distantly related to P. curvatum and various other species of the tropics that make their habitat the trunks of trees in the rain forest.

Tennessee Florists.

The tenth annual convention of the Tennessee State Florists' Association, the Tennessee Horticultural Society, the Tennessee State Nurserymen's Association and the Tennessee Beekeepers' Association was held in Nashville January 27-29, with headquarters at the Maxwell house, the meetings being held in the assembly room there. There was a large attendance from all over the state of those interested in any of these associations. The Nashville florists decorated the assembly room, and had exhibits of cut flowers and pot plants. The Stark Bros. Nurseries and Orchards Co., of Louisiana, Mo., exhibited Hood River grown apples. Washington apples and many varieties of Tennessee grown, all superb specimens of world-famed delicious apples, were also exhibited. English walnuts and pecans from Vincennes, Ind., were shown and their cultivation explained.

The horticulturists opened the meetings with a call to order January 27 by President Henry R. Howard of Chattanooga. The address of welcome was delivered by Will R. Manier, secretary of the Commercial Club of Nashville. The president's address and that of the secretary-treasurer were encouraging statements of the conditions of the society. The papers prepared were all instructive and entertaining. Dennis Corble, of Chattanooga, gave a fine paper on the "Motor Car as a Factor in Market Gardening." O. M. Watson, of the University of Tennessee, Knoxville, read an instructive paper on "Summer Pruning of the Peach;" R. S. Walker editor of the Southern Fruit Grower at Chattanooga gave an encouraging talk on "The Fruit Growers' Outlook" which was listened to with marked attention; "Growing and Storing Sweet Potatoes" was ably discussed by W. R. Hawk, of Jackson. "My Experience With Compressed Air Sprayers in Commercial Orchardizing" was discussed by J. D. Ellis, Dayton, and Joseph Phillips, of Davidson County; "The Relation of the Fruit Grower to the Beekeeper" was discussed by Ben G. Davis, of Spring Hill. There was a lively discussion on fertilization of orchards,

JOY FLORAL CO.'S DISPLAY AT THE TENNESSEE STATE FLORISTS' CONVENTION, NASHVILLE, JANUARY 27-29, 1915.

DELEGATES AND VISITORS AT THE TENNESSEE STATE FLORISTS' CONVENTION, NASHVILLE, JANUARY 27-29, 1915.

and much valuable information interchanged. Other speakers added their helpful talks that were full of interest. The election of officers resulted as follows: Robert S. Walker, of Chattanooga, president; Neal Varnell, Cleveland, vice-president; Percy Brown of Spring Hill, vice-president for middle Tennessee; A. W. Held, Luttrell, vice-president for east Tennessee; W. Wade, Kenton, vice-president for west Tennessee; R. G. Briggs, Knoxville, secretary-treasurer.

An interesting afternoon session was held. E. A. Miller, of Etowah, horticulturist of the L. & N. railroad, spoke of "Methods Learned at the National Apple Show at Spokane, Wash., as Applicable to the Southern Fruit Grower." L. R. Neel, editor of the Southern Agriculturist, told of the "Importance of Sanitary Methods in Handling Fresh Fruits." "Rules Governing the Naming of Fruits" was ably treated by Prof. E. R. Lake, secretary of the American Pomological Society, Washington, D. C. "My Method of Growing Apples," by W. M. Landess, of Fayetteville; "Observations on Fruit Growing Conditions—Present and Future," by L. C. Stark; "Losses Experienced by Not Spraying in 1914;" "Tree Surgery," by L. G. Vair, Chattanooga; "Fertilization and Cultivation of Apple Orchards," by R. G. Briggs, Experimental Fruit Farm, Knoxville, were all fine and instructive papers and made a most interesting session. A night session closed the meeting.

On Thursday, January 28, the Tennessee State Nurserymen's Association opened their annual session. An invocation was delivered by Rev. James I. Vance. The president, Harvey M. Templeton, Winchester, was unavoidably absent and A. I. Smith of Knoxville presided. A feature of the morning session was an address by John Howe Peyton, president of the Nashville, Chattanooga & St. Louis railway, who spoke on the "Railroad's Relation to the Horticultural Development of the State." Other subjects discussed were "Growing Apple Trees," by J. H. Blackburn, of Sante Fe; "Home Mixing of Fertilizers," by J. R. H. Hilton, of Knoxville; "Improved Varieties of the Northern Pecan Adapted to Tennessee," by W. C. Ree, of Vincennes, Ind.; "The Nurseryman's Co-operation with the Fruit Grower," by John L. Jones of Columbia. The afternoon session was taken up with interesting papers by Miss Virginia P. Moore, of Lebanon; Harry Nicholson, of Winchester; Bruce Howell, Knoxville; G. M. Bently, state entomologist, who spoke on "Present Status of the Uniform Inspection Law;" W. H. Clayton, Hebron; John Mir, Hendersonville; T. W. Sowell, Columbia; F. H. Hughes, Bowling Green, Ky.; J. W. Hill, Gallatin; A. M. Hill, Luttrell; A. I. Smith, Knoxville. These discussed various problems relating to their work and some very fine papers were given. In the evening another session was held, when Henry B. Chase, of Chase, Ala.; E. W. Chattin, Winchester, and Orlando Harrison, Berlin, Md. spoke. After the meeting a very enjoyable smoker was given to the visiting members. On Friday morning the beekeepers held the floor for two sessions and several good papers were read.

Friday evening the Tennessee State Florists' Society met and held an interesting meeting. The association was organized some months ago, with Charles Baum, of Knoxville, as president. From the meeting held, there will be a closer union between this organization than heretofore. The address of welcome was delivered by T. C. Joy, of Nashville, and response was made by Chas. Baum, of Knoxville. G. M. Bently, state entomologist, gave an interesting talk on "Tennessee's Floral Interests;" Louis Haury, of L. H. Haury & Sons, spoke on "Looking Toward Closer Co-operation;" Mrs. G. H. McNeil, of Jackson, had a paper on "Design Making;" Carl Baum had a talk on "What We Can Make of Our State Society;" A. J. McNutt gave an interesting paper on "History of the Knoxville Florists' Society;" "Who Will Be Benefited by the State Organization of Florists," was ably discussed by Alex Dailey, of Knoxville. Committees were appointed on constitution and by-laws, one on resolutions and one on publicity. There was a business session and from the proceedings this society will soon be one of great importance to the interests in the state.

An election of officers was held and resulted as follows: Thomas C. Joy, Nashville, president; John Haury, Nashville, vice-president; G. A. Kimball, Chattanooga, secretary; G. M. Bently, Knoxville, treasurer. Several very good pictures were taken of the florists and the flowers.

There were many visitors not participating in the programme, among them were A. McNutt, Knoxville; Carl Baum and wife, Knoxville; G. M. Bently, Knoxville; Mrs. Chas. Crouch, Knoxville; M. Kiemel, Chattanooga; A. Tielman, Johnson City; J. Rudolph, Clarksville. M. C. D.

New Carnation Belle Washburn.

The new red seedling carnation Belle Washburn, originated by Bassett & Washburn, Chicago, which was awarded the silver medal of the Society of American Florists, at the Buffalo exhibition of the American Carnation Society, January 27-28, appears to be a most promising variety and is attracting much favorable attention. The color is a brilliant red and the flowers which measure from three and one-half to four inches are carried on long stiff stems, measuring from 24 to 36 inches. Bassett & Washburn have grown this variety for five years and now have 20,000 plants benched, 12,000 of which are grown for cut flower purposes and 8,000 for propagating. This firm expects to have at least 100,000 cuttings by January 1, 1916, when this variety will be distributed for the first time. C. L. Washburn says this new variety is a constant bloomer, giving a steady crop of flowers equal in quantity to that produced by any member of the Enchantress group and can be grown a second year in the same bench by cutting the plants down to eight or ten inches above the ground and removing about one-third or one-half the soil. He says that 25 per cent more flowers of the same high quality can be cut the second year than the first and considers Belle Washburn the leader of an improved type of carnations. A cordial invitation is extended to visit the greenhouses at Greggs, Ill., where this variety can be inspected at any time. This carnation was named after Mr. Washburn's daughter-in-law, Mrs. E. B. Washburn, who now resides at Pasadena, Calif.

Hardy Roses.

Abstract of a paper presented by Alex. Cummins, Jr., before the Horticultural Society of New York, February 21. 1914.

Not many years ago, when the mere mention of the rose suggested June roses only, the rose was essentially a flower of June, and the hybrid, perpetual or remontant type then attained its zenith. The addition of the more recent hybrid tea class has given the rose a new standing as a garden subject. It is not only the flower of June, but we also regard it as a flower to enhance the garden, by its sweet presence, from early June until frost—an added quality that at once pronounces the hybrid tea as the type "par excellence" for general garden culture.

The genus "Rosa" embraces a great many distinct sections, or families, yet the true garden or bedding roses susceptible to successful culture in our climate are restricted to a few well-known types, namely: the tea-scented roses in a few of the more sturdy kinds, the hybrid tea, the hybrid perpetual or remontant, the dwarf polyantha, and the newer Pernetiana group. Some knowledge of the characteristics of these types is essential to the rosarian, particularly when pruning operations are in order, or in the arrrangement of the rose garden, the success of which depends so much on the proper disposal of the various classes.

If a June display, only, is desired, the hybrid remontant type should be drawn from largely, as it is their characteristic to make a prodigious showing at that season, and for this reason they are commended to the owner of the private estate, who is absent during the late summer and would therefore prefer the early display. A limited number of the varieties will flower more or less during the Autumn months, so that by confining the planting list to a careful selection, a creditable showing could be made at that time. In pink varieties, Mrs. John Laing, Paul Neyron, George Arends, Paul's Early Blush, Mrs. R. G. Sharman Crawford and Anna de Deisbach are about the best in this respect. The red roses of this type are sadly deficient in late flowering qualities, the best being Ulrich Brunner and Gloire de Chedame Guinoisseau, varieties distinct in form, although closely related. Good white roses are limited to a few varieties in any type, but particularly so in the hybrid remontant. Frau K. Druschki is easily the best in this section and is, in fact, generally considered the queen of all white roses, regardless of classification. For June flowering only, we can add a number of excellent kinds to the foregoing. In white and flesh shades, the varieties Clio, Margaret Dickson, Gloire Lyonnaise and Mabel Morrison are well worthy a place in the rose garden. In red roses, General Jacqueminot, known as the Jack rose for over half a century, is still one of our finest; Marie Buaman, Alfred Colomb, Marie Rady, Senateur Vaisse, Jules Margotten, and Hugh Dickson are each good garden varieties. Hugh Dickson stands out prominently among these and should not be omitted from the planting list. The pink remontant roses that flower only in June, also include our hardiest garden kinds—Madam G. Luizet, Oakmont, Baronne Prevost, Magna Charta and Baroness Rothschild are varieties that will resist our winter conditions without protection.

THE HYBRID TEA.

For general garden culture, however, the hybrid tea type has attained a degree of popularity that no other type can boast of, and this, we may assume, is the logical test of all-around superiority. Combining the good qualities of the parental types, the hybrid perpetual and the tea-scented principally, it embodies many desirable traits, and although still in its infancy, it has produced so many good varieties that it would be difficult to make a selection of the best without slighting some favorite variety. In this hybrid tea family, pink seems to be the prevailing color, as we find it in other types. The varieties Caroline Testout and Radiance are perhaps the best for all-around garden purposes, yet there are many varieties which have excellent qualities and are almost equally desirable. Cynthia Forde, Konigen Karola, Jonkheer J. L. Mock, Lady Alice Stanley, Earl of Warwick, My Maryland, Lady Ashton, Mrs. George Shawyer and Madam Jules Grolez, are good garden roses, each distinct in some respect. The red hybrid teas are more numerous than we find this color in the remontant type. The varieties Laurent Carle, General Superior Arnold Janssen, Edward Mawley, Gruss an Teplitz, Ecarlate, Cardinal, Leslie Holland, Rhea Reid, General MacArthur and Robin Hood, are all desirable. The white varieties Kaiserin Augusta Victoria, Augustin Guinoisseau, Bessie Brown and Double White Killarney are about the best in their color. Yellow hybrid teas, or varieties with yellow as the predominating color are all too scarce. Mrs. Aaron Ward, Madam Ravary, Madam Jennie Guillemot, Madame Charles Lutand, Mrs. A. R. Waddell and Madame Melanie Soupert, are quite desirable. The variety Sunburst, although somewhat shy in blooming, makes up for this in color and form. There are many excellent varieties of intermediate colors or blends ranging from pink to yellow and orange. The best of these perhaps would be Lady Pirrie, Dean Hole, Antoine Rivoire, Dorothy Page Roberts, Betty, Madame Leon Pain, and Theresa.

In the newer hybrid teas we have some varieties of more than usual merit. Nerissa, a cream-colored variety intermingled with white and peach shadings, is one that must prove popular when better known. Although it is not heavy wooded, it is extremely vigorous in growth, the flowers are large enough for exhibition purposes, and in regard to freedom it leaves little to be desired. British Queen, a fine new white variety, is, when once established a desirable addition to our roses of this color, but it is none too quick in getting under way. Ophelia is another new salmon-shaded rose in the way of Antoine Rivoire, but is more perfect in form and will prove an excellent variety for cutting purposes. Madame Edmund Rostand will also prove a most desirable garden variety. Its free branching growth and fine play of color, including reddish salmon and orange yellow, will especially appeal to the rose lover. General Superior Arnold Janssen is one of the most desirable new red roses, being vigorous in growth and unusually free in flowering. King George V. and George Dickson, two British introductions of last year, were sent out as hybrid tea roses, but under our conditions they partake more of the hybrid perpetual character and are not continuous in flowering. In point of color, however, they may be considered improvements on the majority of the deep crimson varieties and are, therefore to be commended. The comparatively new American rose, Robin Hood, approaches the ideal rose for garden culture in our climate. Its color, a bright rosy scarlet, really improves with its growth as the season advances, deepening into a scarlet crimson. So far it has proved immune from mildew or black spot and appears to flourish under the most adverse conditions, throwing out great heavy bottom growths continually during the hot summer months, each terminating in a massive but beautifully formed flower. Roses of this calibre are the typical roses for America.

TEA ROSES.

Tea roses are more delicate in nature, and while they are noted for their free flowering qualities, they lack constitution, and, with a few notable exceptions, are altogether too tender to survive our severe winters. The varieties Pink and White Mamman Cochet, Wm. R. Smith and Lady Hillingdon, are, however, sufficiently hardy, with a little additional winter protection, to thrive in our climate. The Cochet roses which have been famous for many years and Wm. R. Smith, a variety somewhat similar but more vigorous in growth, are at their best during the autumn. Lady Hillingdon, a remarkably free growing variety, is perhaps one of our best yellow roses and is well worthy of a place in any rose garden.

ROSE PERNETIANA.

An entirely new break in bedding roses was obtained with the introduction of the variety Soleil d'Or, the result of crossing the Austrian briars with hybrid teas and roses of similar types. In this section we find colors that are entirely new in the garden rose, ranging from yellow through orange, copper, apricot and nasturtium red. The type, as a whole, requires a different treatment, particularly in pruning, from that of the other bedding roses, to give the best results. The original variety, Soleil d'Or, is undoubtedly our most glorious garden rose when grown to perfection, but is lacking in continuous flowering qualities.

DWARF POLYANTHA OR BABY RAMBLERS

The last of the more important bedding types brings us to the baby rambler or dwarf polyantha roses. Previous to the introduction of the variety Madame Norbert Levavassem or baby rambler, this type was not considered important. Within the last few years, however, the type, on the whole, has greatly improved and we now have varieties that flower so continuously that they are most desirable for various purposes. Each year shows these roses used more extensively for edging and underplanting the larger types. Massed by themselves they will make a showing that is truly wonderful. Among the newer baby ramblers we find greatly improved varieties, especially in regard to freedom of flowering. Orleans Rose, Jessie and Erna Teschendorff are among the most effective of the red bedding varieties. Among the pink, perhaps the best are Aennchen Muller, Ellen Poulson and Mrs. Cutbush. Among the novelties of this class offered this year, we find varieties so improved as to indicate that this type is entering an era of greater usefulness. When we consider that in Europe some of the most famous rose breeders are devoting their entire time and energy to the production of new roses of this type, we may

well look forward to even better things in the future.

In conclusion, it might be apropos to point out that the culture of the hardy rose, although apparently surrounded by detail and difficulties, is one that rapidly becomes a second nature to the enthusiast. Familiarity with the types and characteristics of the varieties removes all technical obstacles. We find with further pursuit none of the arduous, but a hobby that is always fascinating and delightful.

Calceolaria Veitchii.

Robert Veitch & Son, Exeter, Eng., are offering a very distinct new calceolaria. This, in many respects, is a remarkable plant, and an extraordinary departure from the conventional color of greenhouse calceolarias, being milk-white in color. It is a true perennial, has a strong habit of growth, with healthy, strong, lance-shaped, shining, serrated foliage. It bears an abundance of bloom on first-season plants, which grow to a height of about three feet and are quite bushy. The second season the plants may be grown to four and five feet, and then make grand specimens.

Commercial Fertilizer Elements.

U. S. CONTROLS IMPORTANT SOURCES.

Present agricultural practice prescribes the use of three chemical elements as a "soil amendment," a "stimulant for plant growth," or a "plant food," as it is variously put. These three elements, when applied to the soil in which a crop is growing, have been found by practice to afford an increased crop yield. They are phosphorous, potassium and nitrogen, spoken of by the respective trade terms of phosphoric acid, potash and "ammoniates." In the commercial fertilizers phosphoric acid is found in the form of calcium phosphate, which is bone phosphate or rock phosphate, usually treated with sulphuric acid to render it soluble. Potash is found as a salt or salts of potassium, either sulphate or chloride, and the "ammoniates," as the inorganic salt of ammonia, ammonium sulphate, the inorganic salts of nitric acid, sodium nitrate, and inorganic compounds of nitrogen, calcium cyanamid, or the organic compounds of nitrogen, contained in animal or vegetable refuse matter, cottonseed meal, abattoir tankage or fish scrap.

The usual commercial fertilizers contain these three elements and have the designation of "complete fertilizers." These are sold under various brand names, the various brands frequently being recommended for particular crops. The proportion of the three essential ingredients is varied; as a usual thing that of the phosphoric acid is considerably higher than the other two, which are present in about the same proportion. Thus, for example, a "6-2-2 mixture" contains six per cent phosphoric acid (P_2O_5), two per cent ammonia (NH_3), and two per cent potash (K_2O). Its selling price in the retail market is based on its analysis. Little attention is paid to the source of these ingredients so long as the essential compounds are "available," or readily may be decomposed or made soluble for the use of the plants.

The nation's supply of these three common ingredients of fertilizer may be summarized as follows: Of phosphoric acid there is an abundant supply in the large deposits of phosphate rock in Florida and Tennessee, and the enormous deposits of Idaho, Montana and Wyoming.

Of potash, now obtained exclusively from the German mines, there is little known in this country outside of the dessicated residues in Searles Lake, Calif., and the giant kelps of the Pacific littoral. In the latter there is much more than enough to supply the present demands of the fertilizer trade of the United States, the present annual consumption of potash being about 1,250,000 tons, of varied composition. At present the kelps are not supplying any of this, since it has not been determined by actual experimentation on a commercial scale that they can be used economically as a source of potash. Estimates based on costs of similar operations indicate that they can be so used.

Of "ammoniates" there is a large source in the ammonia produced as a by-product in the distillation of coal for the production of gas or coke, or both. This source is but partially developed, as by the methods most commonly practiced in this country this possible by-product is not recovered. The amount of ammonia now going to waste is almost large enough to supply all of the "ammoniates" now demanded by the fertilizer trade. The abattoirs supply a large amount of tankage and dried blood of high fertilizer value; but of these possible by-products there is still an enormous loss through the lack of organization and co-operation in the small-scale slaughter of animals for food.

Boston.

STOCK CLEANS UP WELL.

Business held up very well during the past week. There was a slight falling off on roses during the last few days. But all told, the stock cleaned up very well. Carnations are rather scarce and move none too fast, but the prices, ranging from $2 to $4 per 100, are considered fair for the season. Violets are still plentiful and consequently prices low. Bulbous stock is dropping off in price, and larger shipments are being made every day. Marguerites are scarce for the season and many find it impossible to buy them at any price. The plant trade is normal. Pans of hyacinths and tulips met with a fair demand.

CLUB MEETING.

The Boston Gardeners' and Florists' Club held their annual "ladies' night" and installation of officers on January 28. President Herman Bartsch gave a very fine speech in which he pointed out the growing strength and influence of the club. Secretary Wm. Craig reported a membership of 465. Treasurer Peter Fisher was attending the American Carnation Society's convention at Buffalo. The directors were appointed as follows: Andrew Rogers, Geo. Anderson, Peter Miller and Wm. J. Patterson.

The executive committee for 1915 is as follows: J. Wheeler, chairman; R. Cameron, Wm. Sim, Thos. Westwood, F. E. Palmer, John McKenzie, Chas. Sanders, S. J. Goddard, H. Holmes, Julius Huerlin, Wm. Elliot, A. Montgomery, Henry Penn, K. Findlayson, A. A. Pembroke and D. Findlayson. The committee on entertainment is G. W. Hamer, W. J. Collins, J. McIntyre, Henry M. Robinson, Joshua Lawson, W. R. Thornhill, Geo. Noyse, J. McCarthy, Harold Edgar and W. H. Judd. An entertainment followed the business meeting and was a great success. Refreshments were served and were followed by dancing. The whole meeting was a very enjoyable affair, about 400 being present.

New England carnation growers certainly deserve credit for the showing made at the convention at Buffalo, Fifty-two first prizes came to New England. A. A. Pembroke, of Beverly, Mass., exhibited 22 vases and won 22 prizes. This in itself speaks well for the quality of his carnations as it took 1,500 blooms to complete his exhibits. A. Roper, Tewksbury, Mass., had four exhibits and won three medals and a first prize. His new seedling, Alice Coombs, according to reports, seemed to be the "hit" of the show. E. Winkler. I. Strout, S. J. Goddard and J. A. Nelson also deserve credit for their high class blooms.

NOTES.

F. W. Fletcher of Auburndale, Mass., sent out invitations to come and see his strain of Freesia Purity, Saturday and Sunday, January 30-31. His houses are a solid mass of blooms of the finest freesias one could wish to see. He figures that there are 300,000 blooms showing color, so some idea can be formed of the appearance of his houses. It has long been his ambition to own land in Florida where he can grow his bulbs, and now he is considering a place there where he will spend the winters hereafter. During the two days he had about 200 visitors.

J. Peterson, of Saxonville, Mass., is shipping a heavy crop of myosotis to the Boston Flower Exchange. He also has a good cut of the standard varieties of carnations.

Wm. T. Walke, of Salem, Mass., is strong on Freesia Purity in 4-inch pots at present. They are very well flowered and thrifty looking stock.

J. A. Budlong & Son Co., of Auburn, R. I., is shipping to the co-operative market some very fine American Beauty roses at present. All their stock looking particularly fine just now.

M. Leibman at the flower exchange is receiving very good carnations from C. B. Johnson of Woburn, Mass. He is also receiving good jonquils from Peter Hylen of Randolph, Mass.

Burgess & Cooney, of Malden, Mass., are sending to the co-operative market some very fine double tulips and jonquils. Their carnations are doing very well this year.

Visitor: Joseph Hill, of Richmond, Ind.

F. L. W.

OBITUARY.

Mrs. G. A. Heyne.

Mrs. G. A. Heyne, wife of Superintendent of City Parks Heyne, of Dubuque, Ia., died at the family residence in that city January 27. For nearly a year her health had been failing and for a month previous to her death her condition had been serious. She was born sixty-two years ago and had made Dubuque county her home all her life. Her husband and two brothers, Henry L. Wilke and Frederic Wilke, are left to mourn her death.

She was greatly devoted to her husband and his work, a great lover of flowers, a friend to all park visitors, a loving and generous friend to all. Her broad charity was not confined to her home, and many needy ones found in her a true friend. The funeral was held Saturday, January 30, with burial at Linwood Cemetery. The many beautiful floral offerings showed the high esteem in which the deceased was held by her friends.

SHREVEPORT, LA.—C. E. Rush, of Richmond, Ind., florist and greenhouse proprietor, is spending some time in this city, visiting his sister, Miss D. E. Rush.

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From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

THIS ISSUE 56 PAGES WITH COVER

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Society of American Florists.

BOARD OF DIRECTORS' MEETING.

President Patrick Welch has issued a call for the meeting of the board of directors at the La Salle hotel, Chicago, Monday, March 1, at 10 a. m.

JOHN YOUNG, Sec'y.

Sprays That Stick.

Referring to the article in your issue of January 16, page 1343, on "Cactus Solution in Arsenical Sprays," in spraying with Bordeaux, especially carnations, we always use brown sugar or molasses, just a small amount. This causes cohesiveness and results are far better. Probably a little coal oil emulsion added would be still better. This has cleared up red spider effectively. The spray should be made very fine, preferably on a dark day. We use about a quarter or a third pint sugar or molasses to two gallons of spray.

C. BETCHER.

Gas Kills Plants.

Charles C. Ball, florist of Wakefield, Mass., has placed a statement before the municipal lighting department, in which he claims that escaping gas has destroyed growing plants valued into the thousands of dollars, during the past two years. The damage has occurred, he says, only during cold weather and those who have made tests for him state that when the ground has frozen, the leaking gas, alleged to come from a city main, has found a passage in the unfrozen ground into the greenhouses.

American Gladiolus Society.

The American Gladiolus Society will hold two shows next August, one at Atlantic City, N. J., which will be a mammoth trade exhibition, not for competition, the idea being to create a greater interest in the gladiolus. Maurice Fuld, 1 Madison avenue, New York, has the matter in charge and will be glad to correspond with any wishing to take part.

The annual meeting and show will be held at Newport, R. I. The preliminary schedule of prizes will be issued shortly. Secretary Henry Youell, who has charge of the show, predicts it will be a record breaker, as the premium list is the largest and best the society has ever had. The dates for holding the shows will be announced shortly.

Agricultural Appropriation Bill.

The Agricultural Appropriation Bill, which is now under discussion by the house of representatives at Washington, contains the following clauses of interest to seedsmen and florists:

For studying and testing commercial seeds, including the testing of samples of seeds of grasses, clover, or alfalfa, and lawn-grass seeds secured in the open market, and where such samples are found to be adulterated or misbranded the results of the tests shall be published, together with the names of persons by whom the seeds were offered for sale, $28,700.

For horticultural investigations, including the study of producing, handling and shipping truck and related crops, including potatoes, and the study of landscape and vegetable gardening, floriculture and related subjects, $56,080.

For continuing the necessary improvements to establish and maintain a general experiment farm and agricultural station on the Arlington estate, in the state of Virginia, in accordance with the provisions of the act of congress, approved April 18, 1900, $15,000.

For investigation in foreign seed and plant introduction, including the study, collection, purchase, testing, propagation, and distribution of rare and valuable seeds, bulbs, trees, shrubs, vines, cuttings and plants from foreign countries and from our possessions, and for experiments with reference to their introduction and cultivation in this country. $75,400.

For the purchase, propagation, testing and distribution of new and rare seeds; for the investigation and improvement of grasses, alfalfa, clover, and other forage crops, including the investigation of the utilization of cacti and other dry land plants; and to conduct investigation to determine the most effective methods of eradicating weeds; $119,920, and for the purchase and distribution of drought-resistant field seeds throughout the Great Plains area and other dry-land sections of the United States, $39,000 of this amount.

For chemical investigation of soil types, soil composition and soil minerals, the soil solution, solubility of soil and all chemical properties of soils in their relation to soil formation, soil texture and soil productivity, including chemical work in connection with the soil survey, $22,350.

For physical investigation of the important properties of soils which determine productivity, such as moisture relations, aeration, heat conductivity, texture and other physical investigations, $15,000.

For exploration and investigation within the United States to determine possible sources of supply of potash, nitrates and other natural fertilizers, $35,500.

For investigation of soils, in cooperation with other branches of the department of agriculture and other departments of the government, state agricultural experiment stations, and other state institutions, and for indicating upon maps and plats, by coloring or otherwise, the results of such investigation, $168,200.

For enforcement of the Plant Quarantine act, to enable the secretary of agriculture to carry into effect the provisions of the act of August 12, 1912, as amended March 4, 1913, entitled "An Act to Regulate the Importation of Nursery Stock and Other Plants and Plant Products, to enable the secretary of agriculture to establish and maintain quarantine districts for plant diseases and insect pests; to permit and regulate the movement of fruits, plants, and vegetables therefrom and for other purposes," $50,000.

Carnation Convention Echoes.

The banquet at the Iroquois hotel, Thursday evening, January 28, was a splendid affair, the large dining room being handsomely decorated by the local florists. Wm. F. Kasting officiated admirably as toastmaster, having the support of a fine array of speakers including W. H. Eiss, Buffalo Florists' Club; J. A. Valentine, Society of American Florists; S. J. Goddard, American Carnation Society; W. R. Pierson, American Rose Society; Geo. Asmus, National Flower Show; F. R. Pierson, New York spring show; C. S. Strout, Jos. H. Hill, F. Brown, John A. Dunlop, F. E. Dorner, A. F. J. Baur, W. A. Manda, J. F. Ammann and M. J. Stewart.

Much sympathy was expressed with Edwin Lonsdale, way off in Lompoc, Calif., when his illness was announced at the meeting. The Brave Old Duke of York still occupies a large place in the hearts of his many friends throughout the land.

Chas. Loechner of Loechner & Co., New York, still found many friends to welcome him on his arrival late the last day of the meeting. Both St. Louis and Philadelphia will have national carnation exhibitions next year.

Horticultural Society of New York.

FALL EXHIBITION.

The fall exhibition of this society will be held November 4-7, inclusive, at the American Museum of Natural History. The schedule of premiums is now being prepared, and as soon as ready, announcement will be made in these columns. This is the big autumn show of New York and vicinity, and it is hoped that other societies in this vicinity in fixing the dates of their shows will avoid this period in so far as possible. Such action will accrue to the best interests of all.

GEORGE V. NASH, Sec'y.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Young man 24 years of age, thoroughly experienced in all branches of the florist business, wishes position at once. Address Key 473, care American Florist.

Situation Wanted—Work in greenhouse by a young Dane, seven years' experience, can do all kinds of floral design work. References furnished. A. MENGEL, 66 High St., Oshkosh, Wis.

Situation Wanted—As rose-section man; capable rose-grower; number of years experience; single, speak English and German; guarantee good results; state salary in first letter. P. OTTO, 954 Bellevue Ave., Detroit, Mich.

Situation Wanted—As working florist, by middle aged man; many years experience in England, Canada and United States as private and commercial grower; total abstainer. Address HENRY TUCKER, 210 North Tod Ave., Warren, Ohio.

Situation Wanted—For March 1st, by a practical all-around grower, competent to produce first-class stock and manage any kind of place. Commercial or private institution. Strictly honest sober and reliable. Best references. State particulars. Address, Key 415, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Help Wanted—Lady experienced in all lines of retail work for first-class store; references. SCHLURAFF FLORAL CO., Erie, Pa.

Help Wanted—A florist to take charge of green house and ground. Established trade Low rent. Must act quick, better opportunities do not exist. LEHMANN'S SEED STORE, Baton Rouge, La.

Help Wanted—Competent grower to take entire charge of small place growing cut flowers and plants for retail trade; man who can handle trade and telephone; state wages and references. SCHLURAFF FLORAL CO., Erie, Pa.

Help Wanted—A first-class, reasonable priced florist and landscape gardener of good recommendations. Permanent position. With references and experiences. Address. LOUISIANA HOSPITAL FOR THE INSANE, Jackson, La.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted To Rent—Party wants to rent three or four small greenhouses with right of buying. State terms and purchase price in first letter. Address Key 468, care American Florist.

For Sale—One 60 in. x 18 ft. boiler, good for 160 lbs. working pressure. Shaking grate and superheater. Good as new. ALLEN B. WRISLEY CO., 925 S 5th Ave., Chicago.

For Sale—Thoroughly equipped greenhouse with modern residence, in city of Rockford, Ill. Doing good business. Bargain. Easy terms. Address C. F. HATCH, Zenda, Wis.

For Sale—Greenhouse and poultry plant at Lake Geneva, Wis. Elegantly equipped with every modern convenience. Bargain for cash. For particulars address C. F. HATCH, Zenda, Wis.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N Clark St. or Proprietor 5964 N. Paulina St., Chicago.

Greenhouse For Sale or Rent—Up-to-date iron structure 148x45 ft all in one house; well stocked for spring trade. Practically no competition in town of 8000. Must be rented or sold at once on account of ill health. C. W. MOORE, Clinton, Illinois.

Situation Wanted.

As Manager or Foreman by a practical grower of cut flowers and plants; over 30 years experience; single; a capable supervisor. Commercial or institution. Excellent credentials. State wages. Address, **Key 469, care American Florist.**

Help Wanted

Civil Service Commissioners Lincoln Park, N. Clark and Center Sts.: will hold an examination for position of gardener on February 3rd, 1915. Examination open to men 28 to 50 years of age. Further information supplied at the office of Lincoln Park, N. Clark and Center Sts., Chicago. Phone Lincoln 2410.

JOHN C. CANNON, Supt. of Employment.

HELP WANTED.

Party contemplating opening a Wholesale Floral Commission house wants to get in touch with experienced commission man. Must be energetic, capable and already acquainted with trade. Have plenty capital and pledge of accounts if right manager can be obtained. Rare opportunity. References required. Only those competent need apply. Address Key 416, care American Florist.

Wanted--Rose Grower

To work under foreman. Must come well recommended and be a thoroughly experienced man. Good wages to right party. Apply

SINNER BROS.,
56 East Randolph St., CHICAGO

Civil Service Board

West Chicago Park Commissioners

The Civil Service Board of the West Chicago Park Commissioners will hold the following examination on the date and at the place given below. Application blanks may be obtained at the office of the Board in Union Park or at the West Park playgrounds.

Examination No. 146.

FLORIST, Class G, Grade II, Division Z. Pay 28½c per hour to $85.00 per month. Original Entrance. To be held February 24, 1915, at 9:00 a. m. at the Garfield Park Pavilion. Applications must be filed in the office of the Board in Union Park before 5:00 p. m. of February 23, 1915.

Subjects Special Subject, weight of 5; Experience, weight of 3; Physical, weight of 2.

Special subject: An oral and a practical test in **exhibition** greenhouse work and written questions on the care and propagation of plants and on general greenhouse operations.

The duties of Florist are general work in the conservatory and propagating houses and in the outdoor gardens throughout the System.

January 28, 1915.

FRED. G. HEUCHLING,
Superintendent of Employment.

LANDSCAPE ARCHITECT

Practical landscape gardener and nurseryman with college training; experienced in drawing surveying, laying out, grading, road construction, planting, natural wood work, etc., etc.; best experience in nursery and perennial garden; wishes steady position with city, cemetery or leading landscape firm; able to handle help and take full charge of department; state full particulars in first letter. Address

Key 414, care American Florist.

FOR SALE.

Two 72-inch diameter by 16 feet long Tubular Return Boilers, good for 80 lbs. steam pressure. Will sell cheap for cash.

BIRD & SON,
East Walpole, Mass.

Florists' Attention!

We have on hand ready for shipment all material necessary for the superstructure of a **Modern Iron Frame Lutton Greenhouse, 42 ft. wide x 150 ft. long.** We will dispose of this material for **$1,300.00** F. O. B. our factory. Remember everything is new and strictly first class; just the same kind of a house that has made the **Lutton** reputation. We will send you even the **Galvanized Nails, Bolts and screws** for assembling the house. Plans sent on request.

William H. Lutton Company
JERSEY CITY, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

New 1914 Edition. **Price $3.00, Postpaid.**

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Established 1883 Incorporated 892

Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS

163 North Wabash Avenue, CHICAGO, ILL.

The House of Kennicott long known as "Carnation Headquarters" has now arranged to handle the entire stock of some of the best known rose growers in the country.

Kennicott's new rose department has one of the most complete assortment of fancy grades on the Chicago market.

The addition of a Rose department means an increase in the stock handled by this House, but *in no way detracts* from the established reliable lines of Carnations, Seasonable Bulb Stock, etc.

We have Fancy Valley at all times, and of course are headquarters for Greens.

San Francisco.

STOCK PLENTIFUL WITH LIGHT DEMAND.

As is usual at this season of the year, trade in the cut flower line is very quiet. There are plenty of flowers to go around of nearly everything with the exception of carnations, but this flower too, is meeting with scant demand. There are great quantities of roses arriving daily and of splendid quality, and were it not for the fact that great numbers find their way to the northwest, there would be very poor prices prevailing. The only rose that is in short supply at present is Cecile Brunner. In carnations, Gorgeous is still the favorite and is bringing $4 per 100. The prices of the other varieties range from $2 to $3 for select. The market is full of cattleyas. Every store in town is showing them in great profusion and they are moving fairly well at that. Freesias are now in and meet with ready sale, the price varying from $2 to $3 per 100 according to grade. There are also a few chrysanthemums hanging on. Lily of the valley is plentiful and is quoted from $3 to $4. There seems to be a great abundance of pot plants, such as cyclamens, azaleas, etc. There was a much larger stock of these plants grown this season than the market could absorb and we may expect to find good stock in evidence for some time to come. The market for greens is quiet. There are plenty of ferns, asparagus and smilax, but in common with other stock, are not subject to any unusual demand. With the opening of the exposition only a few weeks away, and all the social functions it is likely to bring about, the majority of the trade are taking a fairly optimistic view of the situation, and are in the hopes that the next fortnight will bring about a much desired improvement.

The executive committee of the Pacific Coast Association of Nurserymen and the California association have jointly fixed the meeting date for 1915, August 12-14, at this city, in the new auditorium, close to the Exposition. August 16 is "nurseryman's day" at the Exposition, and James A. Barr, director of congresses, will give personal attention to make that day one of great interest and much pleasure to nurserymen from all parts of the world. President John Vallance states that when the gavel strikes at the opening session, 500 members are to be in attendance, so that it will be necessary to plan early for the trip and make the coming event known to fellow nurserymen. Never before in the history of the world will horticulturists have had such opportunity to see and inspect trees, plants and flowers from all climes. The Society of American Florists will meet at the same place August 17-18, and the American Pomological Society on a date closely following. The National Association of Gardeners will also be there at the same time, and taken all together it will be the greatest gathering of the craft at one place at one time that we will witness for a long time to come.

The California State Floral Society, one of the oldest organizations of its kind on the coast, is writing to the different horticultural societies throughout the state soliciting their co-operation for the holding of a spring flower show in this city, the location of which is to be determined later. They are requesting the different societies to appoint committees to meet in conjunction with that of the society. The address of the society's secretary is J. G. Weintzen, 240 Golden Gate avenue. It has been some years since we have had a spring show in this city, and it is to be hoped that the appeal of this society will be considered seriously.

Frank G. Cuthbertson, of C. C. Morse & Co., who is also assistant secretary of the American Sweet Pea Society, is a very busy man these days, perfecting plans and arrangements for the show to be held in the Palace of Horticulture, June 4. Through his untiring efforts most of the leading professional and amateur growers on the coast have signified their intention of exhibiting. A large number of the eastern seed houses, specializing in sweet peas, will also show. From present indications the show will be perhaps the most elaborate ever held in this country, which is saying a good deal.

One of the interesting displays that is being made ready at present, at the exposition grounds, is that of the Yokohama Nursery Company. This firm has a magnificent stock of plants which is being very carefully arranged and will no doubt be one of the interesting features of the horticultural section. The exhibit consists of several thousand plants and many bulbs also.

Andrew McDonald, chief of floriculture, for San Mateo County, has a remarkable showing at the county greenhouses at San Carlos. His cyclamens, nephrolepis and adiantums are in grand shape and Mr. McDonald is to be congratulated upon the showing he has made in so short a time.

It is with much regret that I have to report that Mrs. E. Servean, wife of one of our leading florists, is making slow progress on the road to recovery from the effects of a recent accident. She is still confined to the French hospital in this city.

Hector MacLean, of Vancouver, B. C., and well known to the trade in this city, is in town. He has decided to locate in this vicinity permanently.

Visitors: M. H. Ebel, Sacramento, Calif.; George C. Roeding of Fancher Creek Nurseries, Fresno, Calif.; J. G. Elser of Roeding & Wood Nurseries Co., Los Angeles, Calif.

G. N.

Belle Washburn

THE BEST RED CARNATION.

Winner of the Silver Medal at the last Exhibition of the American Carnation Society, Buffalo, N. Y., January 27 and 28.

THIS new red Seedling Carnation is the leader of what we consider an improved type of carnation. The color is a most brilliant red. The size of the flower 3½ to 4 inches. Stems 24 to 36 inches long, stiff and strong as iron. We have never had a burst calyx. all flowers grading firsts and best of all it is a constant bloomer giving a steady run of flowers equal in number to the Enchantress family and should be grown a second year right in the same bench by cutting down to 8 to 10 inches above ground and removing about one-third or one-half the soil. The second year at least twenty-five per cent more flowers of the same high quality can be cut than the first year. For above reasons we consider the **Belle Washburn** the leader of an improved type of carnations.

The present sharp competition in business requires the grower to plant a variety that always produces high grade flowers, never bursts the calyx, has strong, long stems, is a steady and continuous bloomer, no cropper and does away with the replanting every year, saving one-half the heavy expense of your young stock each year. The color is the most brilliant red of any carnation now grown. We have grown this variety for five years, it being one of our own seedlings and we now have 20,000 plants benched in our greenhouses at Greggs of which 12,000 are for the cut flowers and 8,000 devoted to rooted cuttings. We will have 100,000 strong, well rooted cuttings guaranteed, not a single top cutting in the lot, ready for delivery by January 1, 1916.

To those who wish to improve the earning capacity of their greenhouses we invite a visit to our greenhouses at Greggs, Ill., and an investigation of our statements, which we back up with our 22 years of business reputation in the cut flower trade. The flowers of the **Belle Washburn** are being sold in Chicago at retail by the following well known houses:

E. Wienhoeber Co.	**W. J. Smythe**	**John Mangel**
Geo. Wittbold Co.	**Johnson & Chronis**	**August Lange**
C. A. Samuelson	**O. J. Friedman**	**The Alpha Floral Co.**

and many others. The flowers are for sale wholesale only by ourselves. The price of the rooted cuttings for Jan. 1, delivery in 1916 will be **$12** per 100 or **$100** per 1000.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale Ill., and Greggs Station, Ill.

POEHLMAN

72-74 E. Randolph St.,

BIG SUPPLY OF

Fancy Red, Pink, White Carnation

Tulips, Fancy Pink, Red and Yellow.
Fancy Long Beauties-Fancy Killarney
White Killarney-Killarney Brilliant-Killarney Queen
Cattleyas--Lilies--Valley--Daffodils--Jonquils.

CURRENT PRICE LIST.

Orchids.

	Per Doz.
Cattleyas	$4.00 and $6.00

Beauties.

	Per Doz.
Specials	$6 00
36-in. long	5.00
30-in. long	4.00
24-in. long	3.00
18 to 20-in	2.00
Short ..... per 100,	8.00 to 10 00

Roses.

	Per 100
Hadley	$8.00 to $18.00
Shawyer	8.00 to 18.00

Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen	Ex. long	$15.00
	Long	$10.00 to 12.00
	Medium	8.00
	Short	4.00 to 6.00

Roses—Continued.

		Per 100
Killarney, White Kill., Aaron Wards	Ex. long	$10.00
	Long	8 00
	Medium	6.00
	Short	$4.00 to 5.00
Russell—Ex. long		25.00
" Long		20.00
" Medium		$15.00 to 18.00
" Short		6.00 to 12.00

Carnations.

	Per 100
Short Split	$2.00
Medium	3.00
Fancy	4.00

Lily of the Valley.

	Per 100
Extra Fancy	$ 5.00
1st Quality	4.00
2nd Quality	$2.00 to 3.00

Miscellaneous.

	Per 100
Jonquils and Daffodils	$3.00 to $
Romans	3.00 to
Paper Whites	
Sweet Peas	1.50 to
Freesia	
Tulips	
Easter Lilies	
Violets, double	0.75 to
Violets, single	
Mexican Ivy	
Smilax ..... per doz., $2.00	
Sprengeri-Asparagus	2.00 to
Asparagus Plumosus, string, 50c.	
Leucothoe	
Adiantum	.75 to
Galax, bronze and green	per 1000,
Eastern Ferns	" "
Boxwood ..... per bu., 25c,	per case,

SUPPLY DEPARTMENT.

Accessories for

St. Valentine Day

CORSAGE SHIELDS

Chiffon, $2.00 doz.; Transparent, 50c doz.

SPECIAL CORSAGE TIE

No. 5 ribbon with tassels, $1.25 per doz.

4-INCH PINS, PEARL-HEADED

All colors, $1.00 per gross.

HUGHES' VALENTINE BOX

24x5x3½ inches, $2.00 for ten.

ARNOLD'S VALENTINE BO

White glazed with red heart and arrow on co

	Per 100		Pe
10x6x5½, -	$5.50	30x5x3½, -	$6
12x8x5, - -	6.50	24x8x4, - -	7
24x5x3½ - -	5.75		

Special prices on best quality three stripe chiff

	Per yd.		Pe
2 in. Waterproof	2 c	6 in. Plain .	3
4 in. Plain .	2½ c	All Colors.	

ELEVENTH HOUR ORDERS PROMPTLY FILLED.

N BROS. CO.

ng Distance Phone, Randolph 35. **CHICAGO, ILL.**

WESTERN PALM HEADQUARTERS

argest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

				Each
ch pots,	5 to 6 leaves,	18	in. high	$0.35
ch pots,	6 to 7 leaves,	24	in. high	1.00
ch pots,	6 to 7 leaves,	28 to 30	in. high	1.50
ch pots,	6 to 7 leaves,	32 to 34	in. high	2.00
ch pots,	6 to 7 leaves,	40 to 42	in. high	3.00
ch tubs,	6 to 7 leaves,	40 in., heavy		3.50
ch tubs,	6 to 7 leaves,	42 to 44	in. heavy	4.00
ch tubs,	6 to 7 leaves,	45 to 48	in. heavy	5.00
ch tubs,	6 to 7 leaves,	58 to 64	in. high	7.50

Specimens, $20 00 to $40 00.

Kentia Forsteriana

Single Plants

3-in. pots, $2 00 per doz.; $15.00 per 100.

ch pots,	5 to 6 leaves,	18 to 20 in. high	0 35
ch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
ch pots,	5 to 6 leaves	34 to 36 in. high	1.50
ch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
ch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
ch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
ch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
ch pots,	3 plants in a pot,	28 in. high	$1.50
ch pots,	3 plants in a pot,	36 to 38 in. high	2.50
ch tubs,	4 plants in a tub,	38 to 40in. high	3 00
ch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
ch tubs,	3 plants in a tub,	48 to 54 in. high	5.00
ch tubs,	4 plants in a tub,	52 to 56 in. high	6.00
ch tubs,	4 plants in a tub,	5 ft. high	8.00
ch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
ch tubs,	4 plants in a tub,	6 ft. high	12.00

ry strong specimens in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1.25
7-in. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 50 cents.
7-in. pots 22-in. high 30-32-in spread.....$2.00
7-in. pots, 26-in. high 34-36 in spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

5 inch, each	$0.25	per doz	$ 3.00
6 inch, each	.50	per doz	6 00
7 inch, each	.75	per doz	9 00
8 inch, each	1.00	per doz	12.00
10 inch, each	2 50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties, from 65c to $3.00 each in bloom.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2.50 each.

Cyclamen

In bloom, mostly light-colored stock but a limited supply of dark colored and salmon colored plants, 5-in., $5.00; 6-in., $7.50 per doz.; 7 in., $1.25 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in , $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Aspidistras

Green, 5-in. pots, 10-12 leaves, $1.00.
Variegated, 5-in. pots, 10-12 leaves, $1.50.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-in. and 2-in. plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator	2 50	22 00
Venus	2 50	22 00
Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale	2 50	22 00
David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

☞ **Lily of the Valley in Pots.** In bloom, 6 inch, 75 cents each; 25 pips to the pot.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

Grafted and Own Root Rose Plants

estern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

afted, 2½-inch.	Per 1000	Per 5000
ell	$130 00	$600 00
elia	130 00	600 00
ey	120 00	550 00
Geo. Shawyer	110 00	500 00
n Ward	110 00	500 00
rney	110 00	500 00
te Killarney	110 00	500 00
rney Brilliant	110 00	500 00
mond	110 00	500 00
arie or Taft	110 00	500 00
le Brunner	100 00	.....

r 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-inch.	Per 100	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00
Aaron Ward	60 00	275 00
Sunburst	60 00	275 00
Milady	60 00	275 00
Killarney Brilliant	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white.....$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
ITE—				
ith's Advance	$2 50	$22 00	$3 00	$27 00
tober Frost	2 50	22 00	3 00	27 00
rginia Poehlmann	2 50	22 00	3 00	27 00
arles Razer	2 50	22 00	3 00	27 00
se Papworth	2 50	22 00	3 00	27 00
H. Chadwick	2 50	22 00	3 00	27 00
nothy Eaton	2 50	22 00	3 00	27 00
nnwood Hall	2 50	22 00	3 00	27 00
rner	2 50	22 00	3 00	27 00
ith's Ideal	2 50	.....	3 00	.....
nto	2 50	22 00	3 00	27 00
ce Salomon	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00

YELLOW—	100	1000	100	1000
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000.
Philadelphia, light pink, $6.00 per 100; $50 00 per 1000. **Winsor,** $20 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

ROSES--A BIG CROP

Now being cut of extra choice blooms in all lengths of stem.

We **call attention** to our **Killarney, 36 inch stems, big fine heads** and **perfect color.** They are better than American Beauties at the present time. Price, 15c for these extra specials.

Sweet Peas--The true Zvolaneck varieties now coming with fine long stems, colors mostly pink and lavender.

Easter Lilies—Large flowers on fine long stems.

Fancy Red Carnations—The Belle Washburn, the queen of all red Carnations—nothing better for St. Valentine's day.

CURRENT PRICE LIST

BEAUTIES.	Per doz.
Specials, stems 48 in. and over	$6.00
36 in. stems	5.00
24 to 30 in. stems	4.00
18 to 24 in. stems	$2.00 to 3.00

Richmond-Killarney Brilliant-Pink and White Killarney.	Per 100
Specials, extra long stems	$12.00
Long	10.00
Medium length stems	$6.00 to 8.00
Short length stems	4.00 to 5.00

Rhea Reid-Bulgaria-Sunburst.	Per 100
Specials, extra long stems	$12.00
Long	10.00
Mediums, stems 10 to 15 in.	8.00
Shorter stems	$5.00 to 6.00

Carnations.	Per 100
Fancy red, very choice	$4.00
Fancy dark pink, very choice	$3.00 to 4.00
Fancy white and light pink, very choice.	3.00 to 4.00
Easter Lilies	per doz., $2.00 12.00
Lily of the Valley	3.00 to 4.00
Narcissus Paper Whites	2.00 to 3.00
Tulips	2.00 to 4.00
Jonquils	3.00
Sweet Peas, assorted colors	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

DISAGREEABLE WEATHER.

The disagreeable weather of the past week has affected trade somewhat with the result that stock is a trifle more plentiful and the market is not as firm as it was last week. The weather at this writing has turned colder again, however, and a gradual improvement in business will likely result. Short and medium stemmed roses are still scarce, but there are plenty of the fancy grades obtainable. Richmond roses are more plentiful than they have been and the same holds good for American Beauties, but at that both are cleaning up well each day at good prices. Killarney roses are more plentiful as are White Killarney and the supply of Prince de Bulgaria and Mrs. Geo. Shawyer seems to be steadily increasing. Killarney Brilliant roses are arriving in fine condition now and some choice Sunburst and Mrs. Aaron Ward are also seen. Carnations are seen in large supply everywhere, but are moving fairly well. Some choice stock is obtainable in this line at present and the better grades especially seem to be moving as well as can be expected, all things considered. Orchids are in large supply, but the supply of gardenias is very small and it is almost impossible to supply the demand at times. Sweet peas have improved greatly in quality and the supply is much larger. Violets have not been moving any too well the past week and have been sold in large quantities at very low prices. Lilies are plentiful and so is lily of the valley, but the latter is cleaning up pretty well each day. Jonquils, tulips, Paper White narcissi, freesias and Romans are arriving in larger quantities and some very choice stock is obtainable in all these lines. Greens of all kinds are plentiful and from present indications it appears as if there will be a large supply of choice stock in all lines for St. Valentine day to select from at reasonable prices. This is getting to be quite a big flower day and the retailers everywhere should bear in mind that February 14 is rapidly approaching and make up their orders and place them as early as possible.

NOTES.

The programme of the next florists' club meeting will include an old-fashioned smoker for which Chairman Fink, of the good-of-the-club committee, says all arrangements have been completed. The transportation committee will make a preliminary report on the San Francisco convention trip. The meeting will be held at the Hotel Bismarck, Thursday evening, February 4, at 8 o'clock.

John Kruchten says his shipments of gardenias are very small now, and that it is impossible for him to supply anywhere near the demand.

THIS RANGE WILL BE IN NICE CROP WITH

Roses for St. Valentine Day

SO PLACE YOUR ORDERS WITH US FOR

Beauties, Richmond, Milady, Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward and Russell.

CARNATIONS

Large supply of Choice Stock in all the best new and standard varieties. Try a few of our new Pink Seedling Josie Merle, the best shipping variety on our list.

Our supply of stock always so Large that we can supply you when others cannot.

Current Price List.

AMERICAN BEAUTIES	Per doz.
30-36-inch stems	$4 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.	Per 100
Specials	$10 00 to $12 00
Select	8 00
Medium	5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward..	Specials	$10 00
	Select..	8 00
	Medium	6 00
	Short...	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short... 75 to	1 00
Roses, our selection, per 100		4 00

	Per 100
Carnations, fancy	$3 00
" select	2 00 to 3 00
Sweet Peas	1 00 to 1 50
Harrisii..per doz., $1 50 to $2 00	
Valley	3 00 to 4 00
Violets	1 00 to 1 25
Stevia	1 50
Smilax.....per doz., $2 00	
Adiantum	1 00
Asparagus, per bunch..50 to 75c	
Ferns, per 1000.....$2 50	
Boxwood, per bunch.....25c	
Galax, bronze and green, per 1000 $1 00	
Leucothoe Sprays, per 100.....75c to	1 00

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

Bassett & Washburn are more than pleased with the splendid record that their new red seedling carnation Belle Washburn made last week when it won the silver medal at the Buffalo exhibition of the American Carnation Society on January 27-28. This splendid variety has attracted much attention on the local market the past year and will be distributed on January 1, 1916. A cordial invitation is extended to all local and visiting florists to inspect this variety at the firm's greenhouses at any time that they desire, for it has been given a most thorough test and found to be such an unusually fine variety that this firm does not hesitate a moment to back it up with their business reputation of 22 years as growers for the cut flower trade.

A. L. Vaughan & Co. are handling a large variety of seasonable cut flowers now, including everything in bulbous stock and a fancy grade of American Beauty roses. Florida grown gladioli are still seen in large supply daily at this store and are meeting with good demand. Business has been good right along, A. L. Vaughan reports, and while conditions have not been what they should be the opening of this week, they could hardly expect to be otherwise with a heavy storm raging throughout the country as was the case the last few days.

Peter Reinberg will grow as many Ophelia roses as possible this year, and at the very least 20,000, according to Emil Reichling, superintendent of the Reinberg greenhouses, who paid the store force a visit on February 1. He is firmly convinced that this is the best variety in its class that is now being grown at the Reinberg establishment, and adds that the E. G. Hill Co. certainly picked a winner when it placed this rose on the market. Mr. Reinberg was confined to his home several days this week with a severe cold, but is up and around again.

N. J. Wietor says that business continues to be very good at Wietor Bros.' store and that while the disagreeable weather of the past few days has affected trade somewhat stock in all lines is cleaned up well at their establishment each day at satisfactory prices. Killarney and Richmond roses are in good crop with them now and a large supply is to be seen at the store now.

Phil Brodbeck says that the damage to his roses by gas last week was so severe that he does not expect to cut any more flowers for at least three or four months. The plants are completely stripped of their foliage and one cannot realize how much the damage really is unless a visit is made to the place.

H. B. Kennicott is well pleased with the way business has been at Kennicott Bros. Co.'s store since he became president and says that January 30 was the best day that the firm has had for some time. Roses and bulbous flowers are now featured in good supply at this store.

The Retail Florists' Association met at the Hotel Bismarck last Monday, February 1, when several important papers were read and thoroughly discussed. A Dutch luncheon was served and the 30 members present had a most enjoyable time. Another meeting will be held in about two weeks.

Phil Schupp reports that the demand for lily of the valley has been brisk all week at the J. A. Budlong store and that the cuts are cleaned up nicely each day. His firm will have a large cut of this stock as well as roses for St. Valentine Day.

It is rumored that one of the employes of the Chicago Flower Growers' Association will be married in the near future. Paul Klingsporn, Michael Fink and Mr. Niessen are already benedicts, so only one guess is necessary.

Otto W. Frese, with Poehlmann Bros. Co., received a folder this week from the Duluth Floral Co., Duluth, Minn., which contained an interior view of its very pretty store.

H. VAN GELDER, Pres. L. M. JONES, Secy.
PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO
Importers and Jobbers of Florist Supplies
Ribbons and Chiffons Our Specialty

YOUR PARTNER could not take greater care in filling YOUR ORDERS if he was on this Market just to BUY FOR YOU.

YOU CANNOT buy our quality of Flowers elsewhere at a lower price, and YOU CANNOT buy our quality of service elsewhere AT ANY PRICE.

Very truly yours,
PERCY JONES.

USE Budlong's Blue Ribbon Valley.
Mention the American Florist when writing

The George Wittbold Co. will start to decorate the Coliseum this week for the Cement Show, which opens on February 10 and closes on February 17.

Mrs. Irene Williams of the Atlas Floral Co. is on the sick list and everybody is missing the "Merry Widow" now.

Erne & Klingel are experiencing a good call for fancy sweet peas, which they are handling in quantity.

The E. C. Amling Co. is showing a large quantity of bulbous stock, especially fancy tulips.

The Frank Floral Co. is receiving regular shipments of fancy Butterfly sweet peas now.

BEAUTIES=ROSES
CARNATIONS

Violets, Sweet Peas, Valley, Lilies, Tulips, Paper Whites, Jonquils, Gladioli, Romans, Freesias, Orchids and everything in the line of Green Goods. Try us on your next order and you will have no complaint whatever to make.

Current Price List.

AMERICAN BEAUTIES	Per doz.
Long stems	$4 00
36-inch stems	3 50
24 to 30-inch stems.	3 00
20-inch stems	2 50
18-inch stems	2 00
12 to 15-inch stems.	$1 00 to 1 50

	Per 100
Richmond, Specials	$10 00 to $12 00
Medium	6 00 to 8 00
Short	4 00

		Per 100
W. Killarney	Fancy..	$10 00
Killarney	Med....	$6 00 to 8 00
" Brilliant	Short..	4 00
Ward		
Sunburst		
ROSES, our selection.		4 00
Carnations, common..		2 00 to 3 00
Fancy		4 00
Splits		1 50
Valley		3 00 to 4 00
Violets		50 to 75
Jonquils		3 00
Gladioli		6 00 to 8 00
Freesia (choice white)		3 00 to 4 00

	Per 100
Paper Whites	$3 00
Romans	3 00
Stevia	2 00
Lilies per doz.,	$1 50 to 2 00
Callas per doz.,	1 50 to 2 00
Sweet Peas	75 to 2 00
Smilax per doz.,	2 00
Adiantum	1 00
Asparagus Strings, ea.,	75
Asp. Plumosus bunch,	35 to 50
Fancy Ferns per 1000,	2 50
Wild Smilax per case,	5 00
Boxwood per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays	75
Mexican Ivy	75

A. L. VAUGHAN & CO.,
(NOT INC.)
161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

ROSES AND CARNATIONS

Our supply of roses is steadily increasing now that our Growers are coming in crop again and this is especially true in regard to Prince de Bulgarie and Richmond of unusually fine quality, so if you can use any stock in either of these two varieties you would do well to place your order with us, because our stock is perfect in every respect and our supply is large enough so that we can fill all orders at prices that will meet with your approval. In addition to Richmond and Bulgarie we have all the other new and standard roses as well as American Beauties and are always ready to serve you. In Carnations we have every variety that is worth handling and can take as good care of you in this line as we can in Roses.

For St. Valentine Day

Large supply of the finest Freesias that you ever had an opportunity to buy. Also Tulips, Romans, Narcissus, Violets, Sweet Peas, Valley, etc. Bear in mind that you can obtain whatever you need in seasonable Cut Flowers and Greens from us, for our line is so complete that if any particular item is desired and is to be had, it is usually at our establishment.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phone Central 3284. **Chicago**

At Zech & Mann's store Prince de Bulgaria roses are arriving in splendid condition as well as in large quantities and the same holds good for fancy freesia, which is in good demand now. Miss Carrie Zech, a daughter of the senior member of this firm, is still confined to the Presbyterian hospital, where she is receiving treatment for neuritis.

S. Freund of the A. A. Arnold Paper Box Co. has returned from an out-of-town trip, which covered a period of several weeks and is now calling on his local customers. His firm had a good call for its special folding Valentine boxes and late orders for same are being filled as quickly as they arrive.

Joseph Ziska & Sons are now manufacturing wire lamp shades in addition to its regular line of wire floral designs. Business at this house is reported to be very good and John and Joseph Ziska manage to fill enough orders to keep Raymond and his delivery truck going all day.

M. C. Gunterberg is booking orders for violets for St. Valentine's Day at prices which would lead one to believe that they will be plentiful then.

USE **Budlong's Blue Ribbon Valley.**

The New Live Wire

FRANK FLORAL CO.

WHOLESALE FLORISTS,

179-181-183 N. Wabash Avenue, CHICAGO

Telephone, Central 42

Automatic 44-864

Consignments of Roses, Carnations, Violets and All Other Seasonable Stock Solicited.

Poehlmann Bros. Co. has its supply department well stocked up with goods for the coming season and according to T. E. Waters, who is in charge, business is showing much improvement. At the greenhouses in Morton Grove a nice lot of lily of the valley in six-inch pots, in bloom, is ready for immediate use and is meeting with good demand among the retailers who feature it in their window displays.

J. Mergen, the well known West Twelfth street florist, has the sympathy of the trade in the loss of his son, Henry J. Mergen, whose death occurred January 30. He was 26 years of age and was well known in the local market for he was formerly identified with his father in business. The funeral was held from the family residence at 2526 Avers avenue and interment was at Oak Ridge cemetery.

The civil service board of the West Chicago park commissioners will hold an examination for florists February 24, at 9 a. m., at the Garfield Park pavilion. Applications must be filed in the office of the board in Union park before 5 p. m., February 23, 1915. Application blanks may be obtained at the office of the board in Union park or at the West park playgrounds.

Frank F. Benthey is now making his headquarters at Kennicott Bros'. store at 163 North Wabash avenue and will hereafter sell the output of the Benthey greenhouses at New Castle, Ind., through this store. Mr. Benthey, as usual, will have personal supervision over the Benthey roses and will give his customers the same attention as in the past.

Philip L. McKee of the John C. Moninger Co., is back from a pleasant business trip to Milwaukee, Wis., where he called on quite a number of the growers. He reports that he found them all in good spirits and pretty well satisfied with business conditions so far this year.

Sidney Buchbinder is doing double duty at Buchbinder Bros. store, 518 Milwaukee avenue, where the Buchbinder refrigerators are sold, since his father, Henry Buchbinder, has been confined to the hospital, where he recently underwent an operation for appendicitis.

John Risch, of Weiland & Risch, expects to see a shortage in Mrs. Chas. Russell rose plants before the planting season is over if one-third of the inquiries that are now being received turn out to be orders.

Percy Jones is strong on fancy carnations this week and is supplying his trade with some very choice Enchantress and other leading varieties. He reports a brisk demand for chiffon and other supplies.

A. T. Pyfer says that the demand for carnation cuttings at the Chicago Carnation Co.'s store is much better than it has been and several large orders have been booked the past few days.

A little baby girl gladdened the household of George Propps and wife last week. The happy father is employed as salesman at George Perdika's South Dearborn street store.

St. Louis.

MARKET CLEANS UP WELL.

The cold, cloudy weather which prevailed last week caused stock in general to be quite scarce. Roses were very scarce and carnations cleaned up at good prices. A good demand in funeral work cleaned up narcissi, lilies and greens of all kinds, and at this writing a thaw has taken place, with propects of cooler weather.

NOTES.

J. J. Beneke received a telegram from Fred Ammann, of Edwardsville, Ill., that St. Louis had been selected as the next meeting place of the American Carnation Society and that he had been elected vice-president.

The florists' club dance took place January 27, but owing to the very severe weather the attendance was cut down, but the crowd that was there had a splendid time.

Young & Sons had the decorations for the second annual Imperial ball, January 25, over 5,000 carnations being used.

Alphonse Artman, of Mullanphy Florists, will be married in the spring. Congratulations are in order.

Ed. Kalisch, of Kalisch Bros., has been on the sick list, but is now out again attending the store.

Frank Vennemann was in town recently. He is cutting some nice carnations.

Wm. C. Smith Wholesale Floral Co. has a fine stock in double violets.

The annual report of the trustees of Shaw's Garden is out.

Arthur Waldman reports the cut flower trade good.

Robert J. Windler had a very prettily decorated window.

O'Leary Floral Co. says trade is improving.

Moss Floral Co. reports business good.

W. F.

Wichita, Kan.

TRADE HOLDING UP TO AVERAGE.

The past month will show about the usual volume of business for January, with funeral work furnishing a good part of the demand. There seems to be a conservative tendency abroad, even in the land of the big wheat crop, and while the volume of business is fair, there prevails a feeling that it ought to be better. Growing conditions have been fair during the month, and the local supply has improved both in quality and quantity.

NOTES.

Fire destroyed the boiler room and packing shed of the J. R. Sites lettuce houses January 26. The ends of two greenhouses were destroyed with considerable damage to the glass and almost a total loss of crops therein. A third house was slightly damaged. Fortunately the weather was mild, and with hard work repairs were made to it and the heating plant in time to save it, with but partial loss of crop.

F. Kuechenmeister handled the decoration for the banquet of the state cattlemen's convention last week; about one thousand were served.

W. H. Culp & Co. are showing fine azaleas and Begonia Lorraine, and are just right with a crop of violets for the Valentine trade.

Valentine Day Baskets

Pretty heart shaped styles, made especially for this occasion. Order as early as possible, for the the day is rapidly approaching.

Raedlein Basket Co.

713 Milwaukee Ave., CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

USE **Budlong's** Blue Ribbon Valley.

Smith & Young Co.

WHOLESALE

Cut Flowers and Supplies

228 East Ohio Street

INDIANAPOLIS, IND.

The G. R. Bixby greenhouses have a heavy crop of nice sweet peas, which is kept cleaned up by the less fortunate florists.

Chas. P. Mueller's greenhouses are sending in some very good American Beauty roses.

W. I. CHITA.

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

L. D. Phone Randolph 5449 176 N. Michigan Ave. Chicago

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph Street, L. D. Phone, Randolph 6578 CHICAGO, ILL.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

Mention the American Florist when writing

A. L. Randall Co.,

RANDO BRAND 66 E. Randolph St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone, Central 328

Mention the American Florist when writing

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

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Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

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Wholesale Only. Consignments Solicited.

118 Broadway, DETROIT, MICH.

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Wholesale Flower Markets

Current Price List	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in.	5 00
" " 30-in.	4 00
" " 24 in.	3 00
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	4 00
Carnations	1 50@ 4 00
Cattleyas...per doz.	4 00 to 6 00
Freesias	3 00@4 00
Gladiolui (Southern)	6 00
Gardenias.....$2.00@$4.00 per doz.	
Lilium Harrisii	12 50@15 00
Paper Whites	3 00
Romans	3 00
Stevia	1 50@ 2 00
Sweet Peas	1 00@ 2 00
Tulips	4 00
Valley	3 00@ 4 00
Violets	75@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns 2 50	
Galax " 1 00@1 25	
Leucothoe	75@ 1 00
Mexican Ivy....per 1000, 5 00@6 00	
Plumosus Strings..each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

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THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

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All telegraph and telephone orders given prompt attention.

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Everything in the line of Cut Flowers, Plants and Florists' Supplies.

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HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

Florists' Greening Pins

No florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins.)
Price, per box, $1.50; 5 boxes for $7.00.

GEO. H. ANGERMUELLER
Wholesale Florist, 1324 Pine St., St. Louis, Mo.
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WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones. ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Philadelphia.

SHORT SUPPLY ADVANCES PRICES.

Stock in many lines still continues scarce, roses particularly selling up very close, and one has to make a round of the commission houses to get together a dozen special American Beauties, a few at each place making up the total. Prices have advanced very materially, being higher now than they were at the holidays. Growers hope before long, with the crops coming on, to be able to relieve the situation. If in turn, the retailers could only do something to create an increasing demand, and keep it more in unison with the supply, everybody would be happy. Carnations continue in abundance, with the quality fine Something has been said about Enchantress running out; the stock here is fine and it is one of the leading sorts in this market. Sweet peas sell well, the orchids having the call and easily hold their own in the race with all other flowers Bulbous stock is now plentiful; tulips are seen in all colors; Golden Spur daffodils are large stocks in all the commission houses; Paper White narcissi are easing up, $5 to $7.50 per 1,000 being the price last week. Cattleyas are seen much above the demand, still really select flowers command a good price. Callas and Easter lilies are abundant, as is lily of the valley. Violets are offered at a discount, owing not so much to a large supply, as a poor demand, the business in the stores being light. Gardenias have sold well the past week, although there appears to be enough to supply special sales in some of the stores at 10 cents each, for very good, fresh stock, but a trifle short in the stems. Good asparagus and maidenhair are in demand; there scarcely ever seems a surplus of this necessary stock and yet the retailer gets no profit out of handling it, unless it is purchased outright, as it goes a little at a time without charge with almost all purchases. Mme. Van der Cruyssen azaleas are now offered, some very well flowered plants being seen. Primula malacoides, with its wealth of dainty blossoms, is also a welcome addition to the pot plants. Bulb pans, hyacinths, tulips and daffodils, are also offered and they are very good for the season.

CLUB MEETING.

The February meeting was rather slimly attended. Matters connected with the S. A. F. were the feature. Adolph Farenwald reported that the national committee has definitely de-

Wholesale Flower Markets

PHILADELPHIA, Feb. 3.	Per 100
Roses, Beauty, extra	25 00@35 00
" " first	8 00@15 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	2 00@ 4 00
Cattleyas	35 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, Feb. 3.	Per 100
Roses, Beauty, special	35 00
" " fancy	30 00
" " extra	15 00
" " No. 1	8 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50@ 75
Violets	1 00
White Lilac, per bunch,	$1.00
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch.	35@40

RIGE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, Feb. 3.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Taft, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 3 00
Lilies, per doz.,	$1.50
Snapdragon, per bunch,	25c @50c
Valley	2 00@ 4 00
Violets	50@ 1 00
Stevia	2 00

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

cided to rent convention hall for the international exhibition to be held next year. President Burton was directed to urge the executive committee of the S. A. F., at its coming meeting, that the society take up the work of nation-wide publicity to the end that the general public will take a greater interest in horticultural matters, plants, flowers, etc.. for the adornment of the exterior and interior of the house. Such work will, they feel, be sure to redound to the benefit of the trade generally. A recital on the Edison diamond disc phonograph, with the compliments of the company, was given after the meeting adjourned.

NOTES.

The Habermehl Bellevue-Stratford store used imported heather and broom in their window decoration. Several nicely flowered specimens of ericas were also a feature, as were baskets of cyclamens. Their Ritz-Carleton store window was done in yellow, well flowered acacias and forced Forsythia sprays, with choice cattleyas, making a fine display. Very unique store fittings of special patterns will make this shop very beautiful. The large flower case is a model of efficiency in arrangement and lighting. A large, high-ceilinged basement with an auxiliary flower case gives them a commodious work room where orders may be assembled without confusion in the store.

Stewardson Brown, botanist of the Philadelphia Academy of Natural Sciences, has gone to Porto Rico with Nathaniel Britton, director of the New York Botanical garden. The flora of this tropical clime will interest them for the next two months.

Choice white and pink Killarney, splendid flowers, together with Lady Hillingdon and a few Hadley roses, are the varieties in the Jos. Heacock Co.'s stock. There is a magnificent stock of kentias at its Wyncote place.

Spring flowers continue a feature with the Leo Niessen Co. There is a large assortment of choice stock in variety. Rooted carnation cuttings of the leading varieties are handled in large quantities.

The Century Shop ran a special sale of imported Scotch heather last week in honor of Burns' birthday. Special plaid covered boxes tied with plaid ribbon, were a feature.

Easter and calla lilies, together with a large assortment of orchid sweet peas, were the leaders with the Berger Brothers. Select lily of the valley was also a feature.

Pennock Bros'. window was very attractive last week, arranged with fancy boxes and baskets of heather and other choice flowers.

The M. Rice Co.'s handy desk calendar has made quite a hit; it is something better than most things in this line.

A cattleya with 27 blooms was one of the features in H. H. Battle's window last week.

W. Atlee Burpee and his son are spending a month in Costa Rica.

K.

DETROIT, MICH.—Chas. H. Maynard has sold his interest and severed his connection with the Flower Growers' Corporation. Mr. Maynard has not fully decided where he will locate, but will remain in the trade.

From now on you will need more

EASTER LILIES

Get fresh fine stock from The Lily Grower of the middle West.
We also have fine
Adiantum Croweanum fronds at $1.00 per 100.

HOFFMEISTER FLORAL CO.
Lickrun, Cincinnati, Ohio.

Wholesale Flower Markets

BOSTON, Feb. 3.	Per 100
Roses, Beauty	5 00@35 00
" Killarney Queen	2 50@ 8 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 6 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	75@ 1 00
" medium	50@ 75
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, Feb. 3.	
Roses, Beauty, special, doz.	$5 00@$7 00
" " fancy, "	3 00@ 5 00
" " extra "	2 00@ 3 00
" " No. 1, "	1 50@ 2 00
	Per 100
" " No. 2	4 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@ 8 00
" Hillingdon	4 00@ 6 00
" Richmond	3 00@10 00
" Sunburst	4 00@12 00
" Ward	5 00@10 00
" Taft	4 00@10 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Daffodils	3 00@ 4 00
Freesia	3 00@ 4 00
Mignonette	3 00@ 4 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Stevia	1 00
Tulips	3 00@ 4 00
Asparagus, per bunch	35@ 50
Asparagus Sprengeri	35@ 50
Ferns, per 1000	2 00
Smilax	15 00

CINCINNATI, Feb. 3.	
Roses, Beauty, per doz.	$1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	10 00@15 00
Asparagus Plumosus, per bch., 25c	
Carnations	2 00@ 3 00
Orchids, per doz.	3 00@ 3 50
Violets	35@ 75
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	3 00@ 5 00
Rubrum Lilies	4 00@ 8 00

BERGER BROS.
DAHLIAS In large assortment, best varieties.
Choice Roses, Orchids, Valley, Lilies.
Send us a trial order.
Exceptional shipping facilities.
1225 Race St., Philadelphia, Pa.
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"The" Wholesale Florist of Cincinnati
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Complete Stock of Florists' Greens and Supplies
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THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.
Mention the American Florist when writing

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.
Mention the American Florist when writing

ST. LOUIS, Feb. 3.	Per 100
Roses, Beauty, medium	8 00@12 50
" " short stems	4 00@ 6 00
" Killarney	4 00@10 00
" My Maryland	3 00@ 6 00
" White Killarney	6 00@10 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	4 00
Carnations	2 50@ 4 00
Rubrum	8 00
Violets	40@ 60
Asparagus Sprengeri, per bu.	25@50
Asparagus Plumosus, per bu.	25@60
Harrisii	@10 00
Ferns, per 1000	2 00
Leucothoe, per 100	60
Galax, per 1000	1 25

Our Motto:—The Best the Market Affords

C. S. & Co.
NEW YORK

JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00

Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00. Lilium Multiflorum, 7/9-in., case of 300 bulbs, $16.50. Lilium Giganteum, 7/9-in., case of 300 bulbs, $16.50.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

During the past week there was a scarcity of stock and prices advanced. That was due, rather to the falling off in supply than to any increase in the demand, because there was no increase in demand. Necessarily, in a great city like this there will always be some business, but at the present time the flower business is far below what it should be, and far below what it has been in previous years at this season. Various publications may hand out inflated reports,

NEW YORK SPRING SHOW
MARCH 17-23.

but a trade paper is of no value unless it gets somewhere near the truth. While roses are yet off crop, there is an increase in the supply of carnations and a leading dealer, on January 30, advised us that he received more on that day than he could sell. Paper White narcissi are getting pretty well cut out and the price has somewhat advanced. The yellow stock remains about the same as our quotations of last week. Orchids and gardenias remain cheap.

NOTES.

For a comparatively small sized flower stand in City Hall park, near the Brooklyn bridge, Anna Papadametri bid $12,120 per year, rent, on January 30, and held it against other bidders. The stand formerly rented for $50 per month. Miss Papadametri, who is well known in the trade, as soon as she was declared the successful bidder, counted out $2,020 as two months' rent in advance.

Dorothy Caroline Gunther, aged 12 years, daughter of John Gunther, of Gunther Bros., the well known wholesalers of West 28th street, died on January 28. She had been ill for over a year with heart trouble. Interment was on January 30. Mr. and Mrs. Gunther have the sympathy of many friends.

George Vocke, who, for 14 years, has been with Joseph Millang in the rooms of the New York Cut Flower Co., is now selling the carnation stock of F. B. Abrams and Julius Chevally, Blue Point, N. Y. In his section we have just noted a handsome floral horse-shoe inscribed: "From your employers."

M. Barker, of THE AMERICAN FLORIST, Chicago, after attending the American Carnation Society's meeting, came on from Buffalo and spent several days in this city.

L. B. Coddington, the well known rose grower of Murray Hill, N. J., who is a heavy shipper to H. E. Froment, is reported to be seriously ill with pneumonia.

Roman J. Irwin, well known in the seed and plant trade, has taken rooms at 108 W. 28th street.

The scores of the New York Florists' Bowling Club, January 28, were as follows:

J. Miesem	169	214	167
A. Donaldson	170	163	156
A. M. Henshaw	162	147	162
A. Schawzer		132	127
P. Jacobson	156	184	149
H. C. Riedel	158	162	180
J. Birnie	146	152	143

A. F. F.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Buffalo.

STOCK AND DEMAND BALANCE.

Weather conditions in Buffalo the past week have been as varied as the population. Stock the past week has been equal to all demands and of good quality. Roses, such as Maryland, Killarney and Ward, are in good condition. Daffodils are improving daily, while tulips are as usual, short stem for the first crop. Carnations are getting better each day, as are also sweet peas.

NOTES.

The American Carnation Society, which met here the past week, we trust had a pleasant time. The local florists tried to make their visit a memorable one; if they failed it was not their fault. The different committees, headed by S. A. Anderson, W. J. Palmer and Wm. F. Kasting, with their assistants, tried to have everything in readiness. The A. C. S., like all well organized associations, got right down to business. Their exhibition was a grand one from every point of view. The tables of the local florists in the exhibition hall were excellent, as were also the decorations in the banquet room, showing plainly that carnations can be used very effectively in decorating. Many of the visitors made visits to Palmer's, Scott's and Anderson's green houses.

S. A. Anderson is sending in some fine lilac plants which are selling well. Other plants, such as daffodils, cyclamens, azaleas and hyacinths, are on sale in all stores. The different stores have had very attractive windows the past week which is in keeping with the Buffalo idea, "make an attractive window and you sell your goods."

BANQUET NOTES.

The match game between Rochester and Buffalo for the Lord & Burnham trophy and won by Rochester will put Buffalo on their mettle. They thought they had a cinch, but Allie Salter and the Glenn team were very much alive, and consequently Buffalo will have to go to Rochester if they want that cup in Buffalo permanently—and they will have to practice before they go. If the young shoots don't improve, the "has beens," Kasting, McClure, Adams and some others, will have to bowl at least one game to get a score for the regulars.

Toastmaster Kasting made good use of his time, not missing many, working the seven minute order only one way. The speakers were Messrs. Valentine, Strout, F. R. and Wallace Pierson, Urban, Asmus, Neubeck, Goddard and Brown of the sixth city, and W. J. Stewart, who so ably responded to the toast of the ladies who were well represented and were an inspiration to the banquet. John H. Dunlop was an able representative for Canada.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

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Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
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WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

The young men visitors have got to take their hats off to the other youngsters, Messrs. Evans, Nicholson and Burki. Will they look as hale and hearty after 30 years of conventions as the three boys mentioned? Some one else will have to answer.

BISON.

Albany, N. Y.

Among those who left last week to attend the exhibition and convention of the American Carnation Society at Buffalo were, Fred Henkes, formerly president of the Albany Florists' Club, Thomas F. Tracey, manager of the Albany Cut Flower Exchange, and Roman J. Irwin of New York. On their return from Buffalo the three stopped off at Rochester to visit some of the growers' and retailers and returned home January 30. On the afternoon of January 26 an extra coach attached to one of the New York Central trains conveyed the New York delegates to the convention west through Albany.

At the funeral of R. W. Allen, held at Hudson on January 13, the Albany Florists' Club was represented by Fred A. Danker, formerly president, Louis Menand, and William Hannell. The club sent a fine floral piece, the work of the Rosery.

R. D.

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Established 1878
106 West 28th Street
New York
Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

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F. R. SNYDER
RHINEBECK, - N. Y.
Grower of
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VIOLETS
Best stock. Prompt service,
Reasonable prices.
Send your orders.

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20 Years' Experience.

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Traendly & Schenck
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Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

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Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Wholesale Flower Markets

	Per 100
NEW YORK, Feb. 3,	
Roses, Beauty, special	30 00@75 00
" " extra and fancy	20 00@60 00
" " No. 1 and No. 2	10 00@20 00
" Alice Stanley	6 00@12 00
" Prince d'Arenberg, special	6 00@12 00
" Francis Scott Key, special	10 00@12 00
" Mrs. Geo. Shawyer, special	6 00@12 00
" " " extra	4 00@ 8 00
" " " No. 1 & No. 2	3 00@ 4 00
" White Killarney, special	6 00@10 00
" Killarney, My Maryland	
" " special	6 00@10 00
" " No. 1 and No. 2	3 00@ 4 00
" " Queen, special	5 00@10 00
" " Brilliant	3 00@10 00
" Aaron Ward	3 00@10 00
" Richmond, special	8 00@12 00
" Sunburst	3 00@12 00
" Taft	3 00@12 00
" Milady, special	3 00@12 00
" J. L. Mock	3 00@10 00
" Hadley	6 00@20 00
" Ophelia	3 00@12 00
" Mrs. Chas. Russell	3 00@15 00
Carnations	2 00@ 3 00
Cattleya Orchids, special	25 00
" inferior grades	10 00@15 00
Jonquils	3 00@ 4 00
Lilies, Longiflorum and Harrisii	5 00@ 8 00
Lily of the Valley	3 00
Tulips	2 00@ 4 00
Violets	25@ 35
Gardenias....per doz., $1.00@$2.00	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	2 50
Smilax....doz. strings.	1 00@ 1 25
Paper White Narcissus, doz., $1.60@$1.75	
Sweet Peas, per doz. bunches,	1 00@2 00
" " Spencer type	1.50@2.50

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
Phones: Madison Square 594-4422.
We solicit consignments of cut flowers of all kinds
Books open for inspection.
GEORGE J. POLYKRANAS, Manager.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
57 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing

WHOLESALE FLORISTS
A. L. Young & Co.
54 WEST 28th ST. NEW YORK
Consignments Solicited

Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer
WHOLESALE FLORIST
103 West 28th Street, NEW YORK
Mention the American Florist when writing

Oklahoma City.

TRADE CONDITIONS IMPROVE.

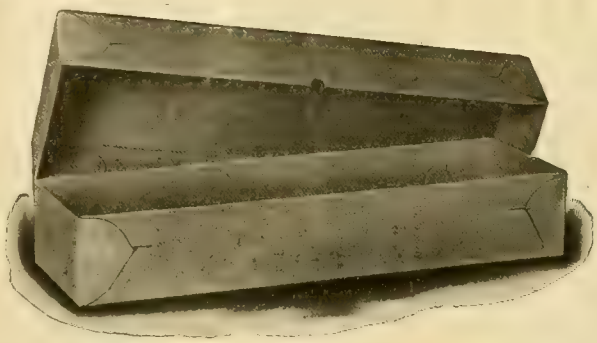
Business is keeping up very nicely and storekeepers are more optimistic in their expressions regarding trade conditions than they were two or three weeks ago. The flower store windows are kept in excellent condition with plenty of flowering plants and cut flowers; no town can boast of more artistic window displays than are shown here.

NOTES.

Thomas Howard, who drives the delivery automobile for Furrow & Company, met with a serious accident one day this week. A large auto-truck belonging to an ice company collided with Howard's machine, with the result that Howard was severely cut about the head. So severe was the cut that many stitches had to be taken. He is still confined to his bed.

Visitors: A. Zirkman, representing M. Rice Co., Philadelphia, Pa., and M. Schultz, representing A. L. Randall & Co., Chicago.

S. S. B.



QUALITY AND STYLE
IN
FLOWER BOXES
AT NO GREATER COST

Quality of material used in addition to the practical and handsome non-fading shades in which the boards are finished, bring style and distinctiveness to the package.

Write for our illustrated catalog in colors, also price list and samples.

THE SEFTON MFG CO., 1335 W. 35th ST., CHICAGO, ILL.

Cleveland.

TRADE GENERALLY GOOD.

The market conditions are practically the same as last week, a shortage in nearly all lines except bulbous stock. There is an abundance of Paper White narcissi, Lorraine tulips, and daffodils on the market. Roses of all kinds are still short of the demand and clean up early in the day, as do carnations. Good Freesias Purity have a good call, with an adequate supply. A good grade of snapdragons arrives, but only in very limited quantities; also a few mignonette, daisies, a few real good sweet peas, single and double violets, orchids (cattleyas and cypripediums), calandulas, etc. Easter lilies have been short of the demand for some time, as are also calla lilies. Asparagus plumosus and Sprengeri are a little more plentiful now. Smilax is in good supply, as is adiantum fern. Lily of the valley can be had at all times, and is of excellent quality. There is still considerable boxwood being used. Funeral work is plentiful and helps to move considerable stock.

NOTES.

A good show is assured for this fall when the Chrysanthemum Society of America holds its annual meeting at the Coliseum here. The Ohio Horticultural Society and Cleveland Florists' Club have combined forces and the show promises to far outdo our last one. Come to the florists' club meetings and hear the reports of the different committees on "what's doing."

F. C. Bartels, L. L. Lanborn, of Alliance, O.; Fred Brown, of the Gasser Co., and Charlie Gibson, all report the "carnation show" was a grand show, and a good, enjoyable time was shown them by our brother florists of Buffalo.

About fifty couple enjoyed the music and dancing at the Hollenden hotel at the dance given by the Ladies' Florists' Club. Don't forget their card party, February 18.

The Cleveland Florists' Club had a stand at the pure food show exhibit this week, advertising for St. Valentine's day.

Owing to the death of one of the firm of the Eagle Wire Works, that firm was closed Monday and Tuesday, February 1-2.

C. F. B.

Louisville, Ky.

Henry Nanz, veteran florist, and manager for many years for Nanz & Neuner, is confined to his home. He has been in ill health for some time. He takes great interest in floricultural magazines and is one of the best posted men in his line in the country.

A. Rasmussen, of New Albany, Ind., is sending in an exceptionally fine cut of roses. He still grows Killarney, as well as most of the newer varieties. Next season he will grow lily of the valley extensively.

E. G. Reimers & Sons Co. had the decorations for the automobile show at the Armory this week.

Folding Valentine Boxes

This box is made from White Glazed Stock has an Embossed Red Heart in center and an Arrow of Gold piercing the Heart.

Boxes ready for delivery now.

Order early to insure prompt delivery.

We also manufacture a complete line of various colors and sizes of Florist Boxes.

Write for samples and prices.

	Per 100		Per 100
10x6x5½	$5.50	30x5x3½	$6.50
12x8x5½	6.50	24x8x4	7.25
24x6x3½	5.75		

A. A. Arnold Paper Box Co.
16-18-20-22 South Peoria St., CHICAGO

USE Budlong's Blue Ribbon Valley.

BUCHBINDER FLORISTS' REFRIGERATORS
Write to Dept. C3 for Catalog.
BUCHBINDER BROS.
MANUFACTURERS
518 Milwaukee Ave., - Chicago, Ill

The Kentucky Society of Florists met February 3, and discussed the subject of a fall flower show.

Pussy willows in bud are shown in many of the florists' windows. There is some sale for them.

F. Walker & Co., are propagating more heavily on hardy shrubs and perennials.

Visitor: Ralph M. Ward, New York.

H. G. W.

Westchester and Fairfield Hort. Society.

The annual entertainment and dance of this society will take place, Tuesday, February 16, at 7:30 p. m., in Mechanics' hall, Stamford, Conn. A pleasing program will be rendered, consisting of vocal and instrumental numbers, vaudeville features, etc., to be followed by a buffet lunch, and concluding with dancing. Members and their friends are cordially invited. Admission will be by card which can be obtained from the secretary. A pleasant evening is assured all who attend.

P. W. POPP, Cor. Sec'y.

SCRANTON, PA.—Baldwin, the Florist, has removed from his old location, 526 Spruce street, to his now store at 118 Adams avenue. The new quarters are more commodious, and an auto delivery service has been added.

From the Cambridge University Press

THE GENUS IRIS

By WILLIAM RICKATSON DYKES.

With Forty-eight Colored Plates and Thirty Line Drawings in the Text

This magnificent work brings together the available information on all the known species of Iris. The account of each includes references to it in botanical literature and a full description of the plant, together with observations on its pecularities, its position in the genus, its value as a garden plant, and its cultivation.

The most striking feature of the book is the forty-eight life-sized colored plates, reproduced from originals drawn from living plants—making it a volume of remarkable beauty as well as of great scientific importance.

246 pages, demi-folio, half morocco, $37.50, postage extra (weight 11 lbs. 9 oz.)

The American Florist. Lovers of Irises owe a huge debt of gratitude to William Rickatson Dykes, who after years of labor has produced a magnificent work on these plants. Mr. Dykes combines the scientist's analytical skill with all the grower's enthusiasm.

THE UNIVERSITY OF CHICAGO PRESS
5753 Ellis Avenue
CHICAGO, - - ILLINOIS

New Crop Wild Smilax
Now ready for shipment,
$2.50 per case.
Natural and Perpetuated Moss.
E. A. BEAVEN, Evergreen, Ala.

Southern Wild Smilax
New Crop now ready for shipment. $2.50 per case
Natural and Perpetuated Moss.
Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA.

High Grade Floral Publicity
Write today for full particulars and sample
McNeff-Swenson Co.
220 So. Michigan Ave., CHICAGO

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold
FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS
TO
HARRY PAPWORTH
The Metairie Ridge Nursery Co.'s
STORE
135 Carondelet St.
NEW ORLEANS
ROSES
ORCHIDS
VIOLETS
F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n.

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS.

T. J. JOHNSTON & CO.
171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway.
WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

.:.FLOWERS.:.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Addres4, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery

—OF—

"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

FLOWERS delivered promptly in Buffalo, Niagara Falls, East Aurora, Lockport, Tonawanda, Lancaster and other Western New York cities and towns.

Palmer's

304 Main Street

BUFFALO, N. Y.

Members Florists' Telegraph Delivery Association

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS.

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metaire Ridge Nursery Co., New Orleans, La.
Muir, Craig, New York.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Pollworth Co., C. C., Milwaukee.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for FLOWERS. Delivered to all parts of the country. Special care, select and artistic work.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Kansas City, Mo.

Samuel Murray,

913 Grand Avenue

All Orders Given Prompt and Careful Attention

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing

Kansas City, Mo.

Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

Mention the American Florist when writing

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackistone.

14th and H. Street.

Mention the American Florist when writing

JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists Telegraph Delivery

Milwaukee, Wis.

C. C. Pollworth Co.

Will take proper care of your orders in **Wisconsin**

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Milwaukee—C. C. Pollworth Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metaire Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York.—Craig Muir.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

New York.

CRAIG MUIR,

62 WEST 40th STREET.

Will fill your orders for

New York and Vicinity

with promptness and satisfaction.

Mention the American Florist when writing

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave Vanderbilt Hotel

BOSTON 126 Tremont Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist

All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,

FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City.

Little Rock, Ark.

PAUL M. PALEZ,

FLORIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heinl)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.

DULUTH, MINN.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF **HEINL'S**

New York.

MYER, FLORIST, 609-611 Madison Ave

Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Memphis, Tenn.

The Flower Shop The Leading Florists

60 MADISON AVENUE

KANSAS CITY, MISSOURI.

Rock's Flowers

Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.

Trade discounts. First-class stock.

GEORGE RYE

"Some Florist"

16 N. 6th St., **Ft. Smith, Ark**

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DENTON FLORAL CO., **DENTON, TEX.**

S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist

1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas, Texas.

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

SIMMONS & SON, **TORONTO**

CANADA'S LEADING FLORISTS

F. T. D. Members **266 Yonge St.**

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

WICHITA, KAN.—Provision was made by the city commission January 16, for a new and larger building to replace the Riverside Park greenhouse. The proposed building will be 20 by 60 feet, of brick and glass, one story high, steam heated and will be large enough to provide all the plants and flowers the park will need.

Funeral Emblems Cut Flowers

Brown Bros. & Co.,

Ltd.

FLORISTS, NURSERYMEN AND SEEDSMEN

Bulbs Seeds

48 Hastings St., E.,

Vancouver, B. C.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade discount

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

---

Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery.

Vaughan's Cannas

HEADQUARTERS for all Leading Varieties.

NEW CANNA FIREBIRD, The best red-flowered, green leaved canna, Doz., $6.50; 100, $50.00

	Per 100	Per 1000
Allemania	$ 2.50	$20.00
Beaute Poitevine	3.50	30.00
Burbank	2.50	20.00
Buttercup	5.00	40.00
Chas. Henderson	2.50	20.00
Comte de Sachs	2.50	20.00
David Harum	3.50	30.00
Egandale	3.50	30.00
Florence Vaughan	3.50	30.00
Frederick Benary	$ 3.50	$30.00
Hungaria, $2 per doz.	18.00	
Improved Mont Blanc	7.00	65.00
King Humbert	4.00	35.00
Long Branch	5.00	45.00
Louisiana	2.50	20.00
Mad. Crozy	3.00	25.00
Milwaukee	3.50	30.00
Mrs. Alfred Conard	12.00	100.00
Mrs. Karl Kelsey	$ 3.50	$30.00
New Chicago	10.00	90.00
Niagara	2.50	20.00
Prince Wied	2.50	20.00
Queen Charlotte	3.50	30.00
Souv. de A. Crozy	3.50	30.00
The Express	5.00	40.00
Venus	3.50	30.00
Wm. Sanders	5.00	45.00
Wyoming	3.00	25.00

ROSE PLANTS, Grafted and Own Root

THE UP-TO-DATE AND POPULAR VARIETIES.

	2½ inch pots O. R. Per 100	Grafted Per 100
Geo. Elgar, New Yellow Cecile Brunner	$15.00	$25.00
Hoosier Beauty, The New Red Rose		35.00
Mrs. F. F. Thompson, Shell Pink, Sport of Shawyer	30.00	35.00
New White Shawyer	30.00	35.00
	Per 1000	Per 1000
Mrs. Chas. Russell		$130.00
Mrs. Geo. Shawyer	$65.00	110.00

	2½ inch pots O. R. Per 1000	Grafted Per 1000
Killarney Brilliant	$60.00	$110.00
Sunburst	65.00	100.00
Francis Scott Key	100.00	100.00
Ophelia	100.00	130.00
Hadley	80.00	120.00
Prince C de Arenberg	65.00	120.00
Milady	65.00	120.00

For 3½ inch plants wanted at planting time write for special quotations.

DECORATIVE PLANTS

		Doz.	Per 100
Araucaria Excelsa—Whorls			
9 inches	3	$ 5.00	$40.00
12 inches	3	7.50	60.00
15 inches	3	10.00	75.00
Araucaria Glauca—			
10-12 inches	2-3	8.00	
		Per 100	Per 1000
Asparagus Plumosus—			
Seedlings ready Feb. 15			$ 6.00
2½-inch		$ 3.00	25.00
4 -inch		12.00	
Asparagus Sprengeri—			
Seedlings from flats, 2-inch			4.00
		Doz.	Per 100
Crotons—			
4-inch		$ 4.00	$30.00
5-inch		6.00	

			Each	Doz.
Kentia Fosteriana—				
Size pot	Leaves	Height		
6-inch pots	5-6	30-32 ins.	$ 1.50	$17.00
7-inch pots	6-7	36-40 ins.	3.25	
10-inch pots	6-7	60 ins.	8.00	
Kentia Fosteriana—Made up.				
	No. of plants	Height		
7-inch	3	28-30 ins.	2.50	27.50
7-inch	3	30-34 ins.	3.00	32.50
8-inch	3-4	34-38 ins.	4.00	45.00
10-inch		70-74 ins.	15.00	
Phoenix Canariensis—				
7-inch		28-30 ins.	1.50	
Pandanus Veitchii—				
4-inch pots—3 for $1.65			.60	6.00
6-inch pots			1.50	

FIELD-GROWN ROSE STOCK

CLIMBING ROSES—	2 yr. Per 100	3 yr. Per 100
Alberic Barbier	$14.00	$16.00
Crimson Rambler	15.00	18.00
Desire Bergera	15.00	
Delight	15.00	18.00
Dorothy Perkins	15.00	18.00
Excelsa	18.00	20.00
Flower of Fairfield	16.00	18.00
Lady Gay	15.00	18.00
Tausendschon	16.00	18.00
White Dorothy Perkins	16.00	18.00
BABY RAMBLER ROSES—		
Crimson Baby Rambler	14.00	16.00
Erna Teschendorff	18.00	22.00
Jessie	18.00	20.00
Mad. J. Gouchault	35.00	

HYBRID PERPETUAL ROSES—	2 yr. Per 100
Alfred Colomb	$14.00
American Beauty	15.00
Baroness Rothschild	14.00
Fisher Holmes	15.00
Frau K. Druschki	14.00
Gen. Jacqueminot	14.00
John Hopper	14.00
Mabel Morrison	15.00
Magna Charta	$14.00
Marshall P. Wilder	15.00
Mrs. J. Laing	14.00
Paul Neyron	14.00
Prince C. de Rohan	14.00
Ulrich Brunner	14.00
Victor Verdier	15.00

HYBRID TEA ROSES—	2 yr. Per 100
Avoca	18.00
Capt. Christy	15.00
Caroline Testout	15.00
Gruss an Teplitz	15.00
J. B. Clark	16.00
Jonkherr J. L. Mock	18.00
Kaiserin A. Victoria	16.00
Killarney	18.00
Lady Ashtown	18.00
La France	15.00
Mrs. Aaron Ward	18.00
White Killarney	20.00
VARIOUS ROSES—	
Rugosa Alba	15.00
" Rubra	14.00

Choice Ferns

		Doz.	Per 100	Per 1000
Assorted Ferns for Dishes— A choice assortment, our selection of varieties, 2¼-inch		$0.50	$ 3.00	$25.00
Boston Ferns—		Each	Doz.	Per 100
3-inch pots		$0.15	$ 1.25	$ 8.00
4-inch pots		.25	2.50	20.00
5-inch pots		.40	4.50	35.00
6-inch pots		.75	8.00	60.00
7-inch pots		1.00	10.00	75.00
8-inch pots		1.25	14.00	100.00

Carnation Cuttings

FOR IMMEDIATE DELIVERY.

	Per 100	Per 1000
Alice	$12.00	$100.00
Champion	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	3.00	25.00
Good Cheer	12.00	100.00
Herald	3.50	30.00
Matchless	6.00	50.00
Pink Sensation	12.00	100.00
Philadelphia	3.00	25.00
Rosette	3.00	25.00
White Enchantress	3.00	25.00
White Wonder	3.00	25.00

Book For Florists, Spring 1915, Now Ready.

Chicago **Vaughan's Seed Store** **New York**

Greenhouses: Western Springs, Illinois.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

ROCKFORD, ILL.—R. H. Shumway reports his largest mail order business comes from the state of Pennsylvania.

W. ATLEE BURPEE & Co., Philadelphia, Pa., have issued an exhaustive circular on the history and culture of the red sunflower.

HOLLANDERS who force bulbs for cut flowers are reported to have made splendid prices this year on shipments to Russian cities.

THE annual convention of the National Canners' Association will be held at the Hotel Astor, New York, next week, February 8-12.

REPORTS from Holland indicate that any Dutch workman who is out of employment can find it readily and at good pay in Germany.

JUNE 4 has been officially designated as American Sweet Pea Society Day at the Panama-Pacific International Exposition, San Francisco, Calif.

BIRMINGHAM, ALA.—The Alabama Seed Co. has changed its name to Amzi Godden Seed & Grain Co., and the capital stock has been increased from $2,000 to $20,000.

LOMPOC, CALIF.—Geo. W. Kerr, of the Fordhook farms, has come on to assist with the work on Burpee's Floradale seed farms during Superintendent Lonsdale's illness.

MOORHEAD, N. D.—The D. D. Simmons Company, seedsmen, have commenced business in this city, and have issued their 1915 catalogue. The company also has a branch at Fairmount, N. D.

GREEN BAY, WIS.—The Everett B. Clark Seed Company, of Milford, Conn., has received a license permitting them to do business in this state. This city will be the company's state headquarters.

VISITED CHICAGO: A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; C. W. Scott, of the Yokohama Nursery Co., New York; Walter Helms, of Helms Seed Store, Janesville, Wis.

CHICAGO.—Prices for grass seed on the Board of Trade February 3 were as follows: Timothy, $6.00 to $7.25 per 100 pounds.—Arnold Ringier of the W. W. Barnard Co., expects to attend the canners' convention at New York, next week.

NEW YORK.—Advice has been received here to the effect that the German government has proclaimed prohibition against the exportation of bags and bagging, including bags used as containers for other merchandise, to take effect February 1. In consequence of this it will be impossible to ship from Germany seeds which are generally packed in bags.

CALLA, O.—M. B. Templin, of the Templin Seed Co., reports: Trade is responding to the catalogues with the usual promptness. While we are considerably later with our issue than formerly, trade appears to be starting out all right. We have hopes for increased business over last year, having increased our catalogue issue one third.

Onion Bushel.

The Leonard Seed Co., Chicago, is sending out a circular letter to the trade reading as follows:

"We understand that Representative Dillon of the house of representatives, Washington, has introduced a bill to establish a standard of weights for various commodities, and among other articles mentioned are onion sets, 28 pounds to the bushel.

"We suggest it might be well for you to write Representative Dillon, care of the House of Representatives, Washington, D. C., calling his attention to the fact that top onion sets are sold 28 pounds to the bushel, but that there should be a distinction and that bottom onion sets should be classed in this bill 32 pounds to the bushel, as it is customary among the seed trade."

Those interested would do well to follow the Leonard Seed Co.'s suggestions.

Government Seed Contracts.

The department of agriculture at noon, February 3, announced the list of successful bidders for government seed contracts for 1915-16 and the kinds of seed in each case. The contract prices and the amounts of seed were not made public. No growing contracts were placed with foreign firms. The awards are:

Domestic.

Ark Valley Seed House, Lakin, Kans., surplus muskmelon.

John Bodger & Sons Co., Los Angeles, Calif., surplus lettuce; contract balsam, calendula, chrysanthemum, kochia, delphinium, mignonette, zinnia.

W. A. Boggs, LaJunta, Colo., surplus cucumber.

F. W. Bolgiano & Co., Washington, D. C., surplus radish, squash.

Braslan Seed Growers' Co., San Jose, Calif., contract lettuce, parsley.

D. V. Burrell, Rocky Ford, Colo., contract muskmelon, balsam, calendula, centaurea, coreopsis, eschscholtzia, kochia poppy, zinnia.

California Seed Growers' Association, San Jose, Calif., surplus carrot, onion.

Carter's Tested Seeds, Inc., Boston, Mass., surplus parsley, radish.

C. Herbert Coy Seed Co., Valley, Neb., contract squash.

C. P. Coy & Son, Waterloo, Neb., surplus muskmelon.

Ebbert Seed Co., Rocky Ford, Colo., surplus cucumber; contract muskmelon.

The Everett B. Clark Seed Co., Milford, Conn., surplus peas.

H. Harrington, Rome, Ga., surplus okra.

S. M. Isbell & Co., Jackson, Mich., contract beans dwarf.

Chester Johnson, Rocky Ford, Colo., contract muskmelons.

Chas. Johnson, Marietta, Pa., surplus beet.

Victor Johansen Seed Co., Arroyo Grande, Calif., surplus candytuft, cosmos, dianthus, mignonette, nasturtium, poppy, sweet alyssum; contract eschscholtzia, sweet alyssum.

Kimberlin Seed Co., Santa Clara, Calif., surplus carrot, lettuce, onion.

Lenawee Seed Co., Blissfield, Mich., surplus tomato.

R. H. Morrison Estate, Fairfield, Wash., contract antirrhinum, candytuft, dianthus, poppy.

Geo. R. Pedrick & Son, Pedricktown, N. J., surplus squash, tomato, water melon.

L. C. Pharr, Catherine, Ala., contract okra.

King Pharr, Catherine, Ala., contract okra.

Pieters-Wheeler Seed Co., Gilroy, Calif., surplus onion, radish, nasturtium; contract lettuce, onion.

P. J. Reifel, Rocky Ford, Colo., contract muskmelon.

J. B. Rice Seed Co., Cambridge, N. Y., surplus tomato, water melon.

J. C. Robinson Seed Co., Waterloo, Neb., surplus corn, cucumber, muskmelon; contract squash.

W. H. Robinson, Cairo, Ga., surplus collards.

Waldo Rohnert, Gilroy, Calif., surplus carrot, lettuce, onion, radish; contract lettuce, onion.

Routzahn Seed Co., Arroyo Grande, Calif., surplus onion, radish, candytuft, poppy, mignonette; contract radish, antirrhinum, calendula, petunia, chrysanthemum, dianthus, eschscholtzsia, mignonette, poppy, nasturtium, sweet alyssum, zinnia.

Samples & Wagoner, Rocky Ford, Colo., contract muskmelon.

W. A. Shire, Jefferson, Okla., surplus watermelon.

Sioux City Seed & Nursery Co., Sioux City, Ia., contract corn.

Upper Columbia Co., Marble, Wash., contract candytuft, poppy.

H. VanBuskirk Seed Co., Rocky Ford, Colo., surplus cucumber, muskmelon; contract muskmelon.

Western Seed & Irrigation Co., Fremont, Neb., surplus corn, squash.

N. L. Willet Seed Co., Augusta, Ga., surplus okra.

T. W. Wood & Sons, Richmond, Va., surplus collards, lettuce.

Barteldes Seed Co., Lawrence, Kans., surplus squash, watermelon.

S. D. Woodruff & Sons, Orange, Conn., surplus pole beans; contract dwarf beans, corn.

Foreign.

L. Daehnfeldt, Odense, Denmark, surplus turnip, delphinium, poppy, chrysanthemum.

J. Hasslach, St. Remy, DeProvence, France, surplus beet, balsam, delphinium, dianthus, morning glory, petunia, mignonette, sweet alyssum, zinnia dwarf, zinnia giant.

Kelway & Son, Langport, Somerset, England, surplus beet, radish, balsam, coreopsis, chrysantheum, delphinium, eschscholtzia, morning glory, mignonette, nasturtium, sweet alyssum, zinnia.

Henry Mette, Quedlinberg, Germany, surplus radish, centaurea, delphinium, eschscholtzia, nasturtium.

Sluis & Groot, Enkhuisen, Holland, surplus radish, turnip, antirrhinum, calendula, centaurea, coropsis, chrysanthemum, dianthus, poppy, nasturtium, morning glory, eschscholtzia.

Vilmorin-Andrieux & Co., Paris, France, surplus parsley, morning glory, sweet alyssum.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

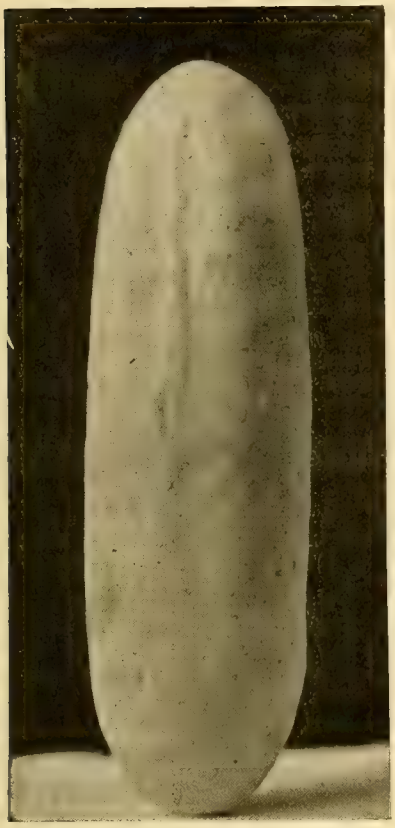
Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.



Cumberland White Spine Cucumber,
grown under irrigation by

Western Seed & Irrigation Co

Seed Growers and Dealers, Specialties:
Cucumber, Musk and Watermelon.
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - NEBRASKA

Mention the American Florist when writing

Thorburn's

SEEDS AND BULBS

WE are hard at work on our 1915 Seed Catalog which will contain some novel suggestions and real helps.

Send us your card. We don't want to miss you in the distribution.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

Mention the American Florist when writing

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Send for Wholesale Fall Catalogue.

WAR Reduces cost of Valley Pips. New imports now ready.

Bruns' Celebrated Chicago Market
BEST VALLEY IN EXISTENCE.

$14.00 per 1000.	$7.50 per 500.
4.00 per 250.	1.75 per 100.

COLD STORAGE VALLEY for February and March.
$18.00 per 1000. $9.50 per 500. $5.00 per 250.

H. N. BRUNS 3032 W. Madison St. CHICAGO, ILLINOIS.

Mention the American Florist when writing

FLOWER SEEDS For Early Sowing
Complete List for the Asking.
10 per cent discount for Cash.

THEY'RE FRESH	T. P.	Oz.
Ageratum, blue	$0.10	$0.25
Alyssum Little Gem	.10	.45
Aster Queen of Market, Mixed	.10	.50
Begonia Erfordii	.25	
Cobaea Scandens, purple	.10	
Dracaena Indivisa	.10	.25
Forget-Me-Not Victoria	.15	.80
Mignonette Machet	.10	.50
Petunia, California Giants	.25	
Salvia Splendens	.15	1.00
Salvia Fireball	.25	

CROP OF 1914	T. P.	Oz.
Lobelia Speciosa	$0.10	$0.50
Lobelia Crystal P. Comp.	.15	1.25
Pyrethrum Aureum	.05	.25
Smilax	.10	.25
Snapdragon, Giant	.10	.30
Stock, Cut and Come Again	.25	
Stock, Ten Weeks, mixed	.25	
Stokesia Cyanea	.15	
Thunbergia	.10	.40
Verbenas, Mammoth	.15	1.00
Vinca, mixed colors	.10	.40

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and German.

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Mention the American Florist when writing

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

ONION SETS GROWERS FOR THE TRADE
Write for Prices

Mention the American Florist when writing

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners.

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,
Branches Michigan, Wisconsin and Idaho.
MILFORD, CONN.

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

BRUNNINGS

Leading Suppliers of
EUCALYPTUS
and **Acacia Seeds**
P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and **FLOWER SEEDS** in general; **TOMATO, LIMA** and **POLE BEANS,** write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting **ONION SETS.**

Schilder Bros., CHILLICOTHE, OHIO.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

CHOICE
German Flower Seeds
Catalogue Free on Application
Fredrick Roemer, SEED GROWER
QUEDLINBURG, GERMANY.

TOMATO SEED

Grown For The Wholesale Seed Trade.
Contract orders now being booked for delivery after harvest, 1915.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

CONRAD APPEL, Darmstadt, Germany

ESTABLISHED 1789

NATURAL GRASS SEEDS with guaranteed analysis as per Zurich tests and norms.
GRASS SEED MIXTURES for MEADOWS and LAWNS.
Clover, Agricultural and Forest Tree Seeds.

Agents: LOEWITH, LAKSON & CO., 150 NASSAU STREET, NEW YORK.

The present war does in no way prevent the prompt and most careful execution of all orders via neutral ports.

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey

Waldo Rohnert

GILROY, CAL.
Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

THE
J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

S. M. Isbell & Co.,

Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and **GARDEN PEA SEED** in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to
S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

QUALITY SEED BULB PLANT
SEND FOR CATALOGUE
ARTHUR T. BODDINGTON
342 West 14th St., New York

Growers and Specialists

CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.
Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

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Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

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ROUTZAHN SEED CO.

Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade
CARPENTERIA, CALIF.

Trade Directory

Price: $3.00, postpaid
American Florist Co.,
440 S. Dearborn St., CHICAGO

DREER'S RELIABLE FLOWER SEEDS

Dreer's Double Blue Cornflower.

We offer below a short list of the more important varieties that should be sown early.

For complete list see our Wholesale Price List.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection, best dark blue bedder	$0.15	$0 50
" Cope's Pet, best light blue bedder	.15	.35
Alyssum, Little Gem or Carpet of Snow, very dwarf, select stock	.15	.60
Antirrhinum, Giant, in 6 colors, each	.20	.60
" Giant, finest mixed	.15	.50
" Half dwarf, in 6 colors, each	.20	.60
" Half dwarf, finest, mixed	.15	.50
Asparagus Plumosus Nanus, true, greenhouse grown, $3.50 per 1000 seeds; $30 00 per 10,000 seeds		
Asters. (See our Wholesale Catalogue).		
Begonia, Erfordii. Rosy carmine	.30	
" Gracilis rosea. Rose	.30	
" Gracilis luminosa. Fiery red	.50	
" Vernon. Orange red dark foliage	.30	2.50
" Semperflorens, mixed	.30	2.00
Candytuft Empress the best white, ¼ lb. 60c	.10	.20
Centaurea Gymnocarpa, white leaved	.15	.35
" Dreer's Double blue Cornflower, ¼ lb. $2.00	.15	.60
Cineraria Maritima Candidissima (Dusty Miller)	.10	.20
Cobaea Scandens, purple	.15	.40
Coleus, Dreer's Hybrids, mixed	.50	2 50
Dracaena Indivisa, ¼ lb. $1.00	.10	.30
Grass Pennisetum Longistylum	.10	.25
" " **Rueppelianum** (Purple Fountain Grass)	.10	.25
Heliotrope, Lemoine's Giant mixed	.30	1.50
Ipomea Grandiflora (Moonflower), ¼ lb., $1.25	.15	.40
Lobelia Crystal Palace Compacta, dwarf dark blue	.25	1.25
" **Speciosa** dark blue trailing	.15	.50
Nierembergia Frutescens	.15	.50
Petunia, Dreer's Superb Single Fringed Mixed, ⅛ oz., $1 50	.50	
" " " Double " " 75c per 500 seeds		
" " " " " $1.50 per 1000 seeds		
Stocks, Large flowering, 10-week, in six colors, each	.40	2.50
" " " Finest Mixed	.30	2.00
Sweet Peas. (See our Wholesale Price List).		
Thunbergia, mixed	.15	.50
Torenia Fournieri	.40	2.00
Vinca rosea, in 3 colors each	.15	.60
" " Finest mixed	.15	.50
Verbena hybrida, Dreer's Mammoth, in 6 colors each	.30	1.50
" " " " Finest mixed	.25	1.00

	Trade Pkt.	Oz.
Pyrethrum Aureum (Golden Feather)	.10	.25
Salvia Splendens (Scarlet Sage)	.25	1.25
" " Bonfire, fine compact sort	.50	2.50
" " Zurich, early flowering dwarf	.50	3.50
Smilax, ¼ lb., $1.00	.10	.35
Solanum Capsicastrum (Jerusalem Cherry)	.10	.25
" **Fra Diavolo,** new dwarf	.15	.50

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa.

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., at $1.25 per 100.

Asp. Plumosus and **Sprengeri,** 2¼ in. pots, $2.00 per 100.

Vinca Variegata, 3x3½-in. pots, $5.00 per 100.

Cyclamen, 3-in. pots, in bud, $3.00 100.

Geraniums, S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Pansy Plant, Giant flowering, $2.50 per 1000.

Primula Obconica, $1.00 per 100 to close out.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

Mention the American Florist when writing

SEASONABLE STOCK

Large Quantities Ready For Immediate Shipment.

	Doz.	100	1000
Acalypha, Macafeana, 2 in.	$0.50	$3.00	$18.50
Alyssum, Double Giant and Dwarf, 2 in.	.40	2.00	18.50
3 in.	.75	3 00	25.00
Alternantheras, 2 in., 10 var.	.50	2.00	18.50
Asparagus Sprengeri, 3 in.	.75	4.00	
Begonia Vernon, mixed, 2 in.	.40	2.00	18 50
3 in.	.75	3.00	25.00
Begonia Gloire de Chatelaine, 2 in.	1.00	4.00	
Chrysanthemums, Hardy Pompon, 100 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Fuchsias, 20 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Geraniums, 50 var., standard sorts, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Hardy English Ivy, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Lantanas, 10 var., 2 in.	.40	2.00	18.50
3 in.	.75	3.00	18.50
Lemon Verbenas, Aloysia citriodora, 2 in.	$0.40	$2.00	$18.50
3 in.	.75	3.00	25.00
Moonvines, white and blue, 2 in.	.40	2 00	18.50
3 in.	.75	3.00	25.00
Petunias, double mixed and single mixed, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Petunias, double white, 2 in.	.50	3 00	25.00
3 in.	.75	4.00	
Salvia, Bonfire and Zurich, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Parlor Ivy (Senecio Scandens) 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Swainsonia, pink and white, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00

Dahlia Roots and Canna Roots.

Send for our regular wholesale catalogue.

R. VINCENT, Jr. & SONS CO., = White Marsh, Md.

Lily of the Valley Pips

From Cold Storage.

2500 to case....per 1000, $17.00
New crop, 1000 to case....per 1000, 16.25

Spiraea

Gladstone, white....100 to case, $6.00
Peach Blossom, pink....100 to case, 7.00

ST. LOUIS SEED CO.

411-413 Washington St., St. Louis, Mo.

King Humbert Cannas

Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5.00 per 100; 4 in. plants, $8 00 per 100.

Satisfactory references or cash.

W. W. COLES, Kokomo, Ind.

Fancy Caladium Bulbs

4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

Tampa Floral Co., Tampa, Fla.

Seedsmen requiring the very best selections of

Garden Seeds

(**Vegetable and Flower**), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

GENEVA, N. Y.—Maney & Sayre, nurserymen, have incorporated for $30,000.

PHILADELPHIA, PA.—The Harry S. Betz Nursery Co. has been incorporated for $25,000.

ALTON, ILL.—E. H. Riehl was re-elected president of the Alton Horticultural Society at the January meeting.

DELAVAN, WIS.—F. B. Stowe, former owner of the Phoenix Nursery, died suddenly January 25, at Eureka Springs, Ark.

EL PASO, TEX.—The Wright Nursery & Floral Co., recently organized, has opened a downtown shop at 305 North Stanton street.

READING, PA.—Members of the Berks County Agricultural and Horticultural Association have decided that the 1915 fair will be held September 14-17.

WE are in receipt of the proceedings of the fourth annual meeting of the California Association of Nurserymen, held at San Diego, October 15-17, 1914.

DALLAS, TEX.—In lieu of tree-planting day in Dallas, the Waxahachie Nursery Company has made an offer to give to the school children of this city 1,000 shade trees of a number of different varieties.

PROVIDENCE, R. I.—At the fourth annual convention of the New England Nurserymen's Association, held January 26, C. H. Greaton, of this city, formerly vice-president of the association, was elected president.

BOISE, IDAHO.—The Idaho State Horticultural Association, at its annual convention, elected the following officers: J. H. Lowell, president; W. S. Starr, vice-president; W. E. Wood, secretary; A. E. Gipson, treasurer.

SALT LAKE CITY, UTAH.—The Utah State Horticultural Society has elected the following officers for the ensuing year: J. C. Knudson, Brigham City, president; Geo. W. Palmer, vice-president; W. H. Homer, Salt Lake City, secretary-treasurer.

WILMINGTON, DEL.—The Peninsula Horticultural Society held its annual meeting January 12-13. The prize list amounted to $1,500. The following officers were elected: Joseph B. Seth, Easton, Md., president; J. L. Soper, Magnolia, Del., first vice-president; Wesley Webb, Dover, Del., secretary-treasurer.

SALEM, ORE.—Representative Olds introduced a bill providing for the creation of a board of horticulture, January 21, to consist of five members, to be appointed by the governor, secretary of state and state treasurer. The state is divided into districts by the bill, and the commissioner appointed must be a resident of the district for which he is appointed. Provision is made for a secretary at a salary of $100 per month.

American Association of Nurserymen.

FORTIETH ANNUAL CONVENTION.

Seven years ago this association held its annual meeting in Detroit, Michigan. At the Cleveland convention of 1914, Detroit was again practically unanimously chosen for the meeting of 1915. So much enthusiasm was evinced in the discussion as to the city in which this anniversary should be celebrated that we consider ourselves warranted in boosting "the city beautiful" in anticipation of June 23-25, 1915. It is such fun to be a "booster," because, after your energy has been spent, such a delightful satisfaction gets up under a man's vest as he congratulates himself on his success, always, of course, presuming that he has boosted in a good cause. So let us all assume the role of the booster in one united effort to make this fortieth anniversary the most notable in the association's history—notable in size of membership, notable in attendance and notable in all other ways that shall build up the business of the legitimate nurseryman. To this end let every man look after the fellow who is "not on the list." President Chase is on the war path. He has appointed a committee of seven live men to boost the membership, with Will Munson, of Texas, as chairman. Somethin' doin'.

As already announced Hotel Cadillac will be headquarters. T. I. Ilgenfritz is chairman of the committee on arrangements and entertainment. He has made the personal acquaintance of the manager of the hotel, who has promised not only to do his best to give satisfaction equal to that felt seven years ago, but to surpass it as far as his capabilities will permit.

The entertainment mill is working and we will shortly be able to take members more fully into the committee's confidence. The program mill is also grinding, and we suggest that members write to C. R. Burr, Manchester, Conn., any thought they may have that will be helpful to him. I shall be glad to give prompt attention to all enquiries regarding membership, etc.

JOHN HALL, Sec'y.

Tree Planting Planned for Dallas, Texas.

At a meeting of the leaders of the Oak Cliff North Loop Improvement League, January 11, a systematic plan was outlined for conducting the campaign of tree planting in that section of the city. The North Loop territory was divided into districts and a captain appointed for each district. These captains will line up the citizens in their respective districts and get them pledged to plant trees. It is expected that 1,500 trees will be

MANETTI, On Hand. Best English Stocks.

Grafting size, 3-5 m/m, not "as they run," but **re-graded here,** culls thrown out; shrinkage eliminated; all good, at $9.50 the 1000, while they last.

Jackson & Perkins Co., Newark, New York

Mention the American Florist when writing

TREE SEEDS

	Lb.	10 lbs.		Lb.	10 lbs.
Concolor Fir	$1 00	$ 7.50	Scotch Pine	$2.50	$20 00
Douglas Fir	2.75	25.00	Am. Arbor Vitae	2.75	25.00
Hemlock	4.00	37.50	European Larch	1 75	15.00
Engleman Spruce	3.50	30.00	American Red Oak (bu. $2.00)	.25	1.00
Colo. Blue Spruce	3 75	35.00	Hard Maple	.75	6 50
Silver Cedar	.50	3.50	Wild Black Cherry	.25	1 50
Jack Pine	3 50	30.00	Catalpa Speciosa	1.00	7.50
Ponderosa Pine	1.75	15.00	Syringa Vulgaris	.75	6.50
Pitch Pine	3.00	25 00	Rhus Glabra	.50	4.00
White Pine	2 50	20.00	Cornus Paniculata	.75	6.50

Will supply ½ lb. at lb. rates; 5 lbs. at 10 lb. rates; ½ bu. at bu. rates. Our seeds give satisfaction. Before offered to the trade they are fully tested for germination and purity. Order at once while supplies are available.

THE D. HILL COMPANY, Seed Dept., Box 404, **Dundee, Ill.**

Headquarters For

California Privet

AND OTHER HEDGE PLANTS

CALIFORNIA PRIVET. One year, 12 to 18 inches; 1½ to 2 feet. Two years, 12 to 18 inches; 1½ to 2 feet; 2 to 3 feet; 3 to 4 feet. Three years, 3 to 4 feet; 4 to 5 feet.

All well branched, bright and clean. The two and three year grades have been cut back one or more times. Very attractive prices for car lots for prompt acceptance. Prices will be advanced February first.

I offer a lot of 150,000, 2 years, 12 to 18 inches, well rooted and with good tops, at a great bargain.

AMOOR RIVER PRIVET. One year, extra fine, 12 to 18 inches. Two years, 1½ to 2 feet; 2 to 3 feet.

BERBERIS THUNBERGII. Transplanted, stocky plants, 6 to 9 inches; 9 to 12 inches; 12 to 18 inches; 1½ to 2 feet sizes by the 1000.

J. T. LOVETT, Little Silver, N. J.

ROSES

Rose Stocks, Fruit Tree Stocks, Young Evergreen and Deciduous Ornamental Trees and Shrubs. Young Forest Stocks, new, rare or noticeable Trees and Shrubs, Hardy Herbaceous Plants, etc.

Write for prices to

F. H. MICHAUD,
CENTRAL PARK, B. C.
Agent for
E. Turbat & Co., Orleans, France

Baltimore Nurseries California Privet

Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
BALTIMORE, MD.

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists — Largest Growers in America
Box 404, DUNDEE, ILL.

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

planted this spring in that section. The general committee has also drawn up a set of specifications upon which nurserymen can bid for the tree planting.

These specifications cover the size of the tree, the method of planting, the pruning and care for two years. The nurseryman will be forced to give a heavy bond before he is allowed to receive a contract. The trees will not be considered paid for until they have grown for two years. The officers of the North Loop Association include Dr. W. T. Christman, president; Charles A. Mangold, vice-president, and A. G. McGee, secretary.

HARRISBURG, PA.—A large electric sign in the form of a bouquet with flowers in natural colors and different colored electric globes to give the proper effect, has been erected by Charles Uttley, florist.

SPRING BULBS

The Dwarf Pearl Tuberose.

GLADIOLUS

Of several leading kinds we can supply planting stock, white bulbs under one inch and small black bulblets by the bushel.

	Per 1000
MRS. FRANCIS KING, First Size	$10.00
MRS. FRANCIS KING, Medium Size	8.00
AUGUSTA, First Size	12.00
AUGUSTA, Medium Size	10.00
AMERICA, First Size	12.00
AMERICA, Medium Size	10.00
HYDE PARK	60.00
CHICAGO WHITE, First Size	30.00
CHICAGO WHITE, Medium	25.00
PRINCEPS	30.00
FLORISTS' MIXTURE, Light Colors	15.00

BEGONIAS

(Tuberous Rooted Giant Flowering Varieties)

Singles, in colors, white, scarlet, yellow, pink, Doz., 40c; 100, $2.50; 1000, $21.00.

Singles, Mixed Colors, Doz., 35c; 100, $2.00; 1000, $18 00.

Doubles, white, scarlet. yellow, pink, Doz., 50c; 100, $3.50; 1000, $30.00.

Doubles, Mixed Colors, Doz., 50c; 100, $3.00; 1000, $28.00.

LILY BULBS

	Per 100
Album, 9-11 inch	$17.50
Auratum, 9-11 inch	10.00
Rubrum, 8-9 inch	6.00
Rubrum, 9-11 inch	9.00

TUBEROSES

TRUE DWARF PEARL.

	Per 1000
Mammoth, 6-8 inch	$15.00
First Size, 4-6 inch	8.50
Medium Size, 3-4 inch	5.00

CALADIUM

ESCULENTUM.

	Per 100	Per 1000
5 to 7 inch	$1.75	$15.00
7 to 9 inch	3.50	30.00
9 to 11 inch	5.50	55.00

LILIES

COLD STORAGE

Lil. Giganteum	Per Case
7-9 inch (300 bulbs to case)	$16.00
8-10 inch (225 bulbs to case)	16.00
9-10 inch (200 bulbs to case)	20.00

Lil. Rubrum	Per Case
8-9 inch (170 bulbs to case)	$10.00
9-11 inch (100 bulbs to case)	9.00

Write for Our Spring "Book for Florists"

Caladium Esculentum.

Vaughan's Seed Store,
CHICAGO — NEW YORK

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, February 2.—Mushrooms, 60 to 65 cents per pound; lettuce, 12½ cents to 15 cents per box; radishes, 20 cents to 50 cents per dozen bunches; asparagus, $2.00 per dozen bunches; celery, 12 stalks, 10 cents to 20 cents; cucumbers, $1.25 to $2.00.

New York, February 2.—Cucumbers, $1.00 to $1.50 per dozen; mushrooms, 60 cents to $1.35 per 4-pound basket; tomatoes, 15 cents to 25 cents per pound; radishes, per 100 bunches, $2.50 to $3.50; lettuce, per strap, $1.00 to $2.00.

Hotbed Sash.

There is probably no part of a gardener's outfit that gets poorer attention, considering importance of service and money invested, than hot-bed sash. This of course is not true of all places, but there are too many where sash are roughly handled and sorely neglected. Only too often we can find sash exposed to all the weather, overgrown by weeds, subject to strains and warping, left just where they were last used. This is not good management, and every gardener should take some pride in his outfit and not only prolong the life of the sash, but receive better results besides. Light is the life of plants and at the time of the year when sash are most needed, light is often at a premium. Therefore everything should be done to keep the sash clean, straight and well painted. Too often we run across instructions to paint sash frequently with the glass in. At best this is a bad job and does not strike the needed spots—the grooves where the water lies.

Beginning with new sash, we are careful to give them two good coats of paint. Be sure the paint is dry and hard before glazing. We bed the glass in putty by applying the putty to the grooves by hand, not with a bulb or machine, as semi-liquid putty does not give enough body to support the glass. The glass is carefully examined and laid with the curve up, lapping the joints only ¼ inch or less. More is a damage, as the joints soon collect dirt and reduce light. We still prefer the double points, such as the Perfection, to any of the newer schemes, as these points are the strongest to resist strains in handling. We have never used the practice of collecting odds and ends of glass to patch up our sash. We use 10-inch glass exclusively, and nothing less than a half pane is ever used. The halves are placed at the lowest end, as there breakage is more likely to occur, reducing damage. All our sash are three feet by six feet for three lights of 10-inch glass and we use only 10x14 A dbl. glass. Single glass is a poor investment. We instruct all our help along a definite course of handling sash to avoid breakage.

At the close of the season the sash are stored in a dry building, being careful to stand them on a level foundation. We make a practice of overhauling a portion of our sash each season either in the summer or in the winter. If in winter we move that lot into the boiler room to dry them thoroughly. The glass is then all removed and washed, the sash cleaned and brushed, removing all putty, then two coats of paint applied and reglazed. We find this necessary once in five or six years, and it not only improves the light transmitted, but it prolongs the life of the sash. We have our first lot of sash in practically sound condition after many years of service. Part of our sash are in use on sash houses, part on hot-beds and part on cold frames for wintering plants; however, we arrange each season for a certain lot to go into "dry dock" for overhauling.

MARKETMAN.

Providence, R. I.

BUSINESS NOT UP TO STANDARD.

Business the past week has been very quiet, with very little doing in any line. The cut flower trade has fallen away to some extent, and floral work is not much in demand. Daffodils are starting to come in more plentifully, and the market is filled with Paper Whites. Carnations are beginning to shorten up again, and roses are commencing to come better every day. Violets are still very good, but with little demand as yet. Sweet peas are having very little call. Tulips are just starting to arrive in quantities now, but are mostly short stems.

CLUB MEETING.

The Florists' and Gardeners' Club of Rhode Island adopted a resolution of condolence, and paid a silent tribute of respect to the memory of the late Michael Sweeney, a member of the club, and one of the leading florists of the state, at its meeting held January 25. It was the regular meeting of the club and the installation of officers and a banquet were to be held. The committee on arrangements reported that owing to the bad weather and other conditions that required the close attention of some of the members of the club to their business, it was impossible to carry out the plans for the banquet. It was decided to defer the affair for one month, and at the February meeting of the club the committee said the dinner and entertainment would be provided for. W. E. Chappell read a historical sketch of the association, which was organized January 2, 1896, and related some of the more important events since the start of the club, which was very interesting to everyone present.

NOTES.

The New England Nurserymen's Association began its fourth annual convention in Providence, January 26. C. H. Greaton, of Providence, was elected president of the association; he was formerly the vice-president of this society.

Lawrence Hay, East Providence, is cutting good daffodils and also has plenty of them.

Fred Hoffman, of Pawtucket, is still bringing in good cyclamens in 8-inch pots.

H. A. T.

YOUNGSTOWN, O.—R. W. Dimond and T. M. Fountaine have purchased the cut flower business of Stewart McLean in North Phelps street, and will take charge of the establishment under the name of the R. W. Dimond Company. Mr. Dimond was connected with Walker, the florist, in South Hazel street for some years and later with the Cade interests at the same stand.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

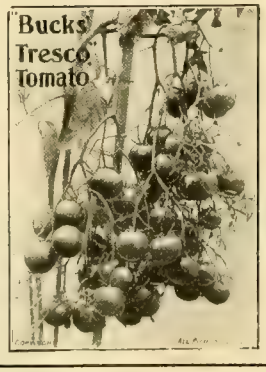
Trade Mark. **American Spawn Co., St. Paul, Minn**

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price $1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.



TO LIVE AMERICAN SEED HOUSES A VOICE FROM ENGLAND.

Push This Wonderful Tomato. You will be pushing a **Tip Top Novelty.** It is a money maker. American opinion is that as a "whole-fruiter" it has no equal. **As a Cropper** the testimony of a grower in Guernsey is that he has gathered 50 to 60 lbs. from a single vine.

Record Truss. A grower in Ireland writes us that he cut a remarkable truss weighing 12 lbs. 11 ozs.; he showed it in his window for a fortnight. It is equally good under glass and outside. **It is so good** that some seedsmen are trying to introduce it under other names. **Procure your stock from headquarters,** in our own sealed packets. **Improved "Bucks' Tresco,"** 100 seeds, 25 cts.; 250 seeds, 50 cts; 500 seeds, $1.00

Ordinary guaranteed stock, double quantity in each pkt., 33⅓d trade discount **per doz.**

Bucks' Tresco Tomato Nursery, Ipswich, England

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

Matchless Is Still Unbeaten

At the Buffalo Show, **Matchless** came through in the usual manner and swept the boards. In the Sweepstakes in Class A, it defeated thirty-eight vases of all varieties. In the white, the only two vases of **Matchless** were placed first and second. Thus it is again conclusively proved that in quality, size and fragrance, **Matchless** tops them all.

AND BESIDES THIS,

Matchless will produce more than any carnation of its color, will bloom more continuously and keep better. It is absolutely non-bursting and the easiest carnation to grow in existence.

Matchless Is Unsurpassed

Rooted cuttings of "Cottage Gardens Quality," for immediate delivery.

$ 6.00 per 100; $ 50.00 per 1000;
112.50 per 2500; 200.00 per 5000.

Cottage Gardens Co., Inc., Queens, New York

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

The Early Advertisement Gets There.

CARNATION CUTTINGS

Finest in the land. Big value for your money.

Enchantress,	per 1000,	$20.00
White Enchantress,	" "	20.00
White Wonder,	" "	25.00

Sinner Bros.

56 East Randolph Street, CHICAGO

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc , $3.00 per 100, $25.00 per 1000.
Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.
Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.
Asparagus Plumosus, 2¼-in., $3 00 per 100; $25.00 per 1000.
Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.
Cyrtomium Rockfordianum, 4-in. pots, 10c; 5-in., 20c; 6.in., 35c.
Bougainvillea Glabra Sanderiana, 4-in. pots, $15.00 per 100.
Hydrangea, pot grown, French sorts, including La Lorraine, Mad. E. Mouilliere, Mad. Maurice, Hamar, Mad. Gaillard, Mad. Chantard, 5-in. pot plants, ready for 6-in., at $25.00 per 100.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

Detroit.

CLUB MEETING.

Fifteen members of the florists' club faced the inclement weather Monday evening, February 1, to attend the regular meeting and exhibition of carnation novelties scheduled for that date. The growers of the new carnations shown were: Avid Anderson, Moline, Ill., seedling No. 100, a white of immense size; Mt. Greenwood Cemetery Ass'n, Chicago, seedling No. 3112A, a deep crimson, very double and large; No. 212E, scarlet; No. 2612D, a crimson of medium size and rather weak stems; No. 14009A, splendid pure white, quite full, fragrant and having long stiff stems; No. 112B, Lawson color, pink, deeply fringed and very fragrant; No. 3112B, crimson; No. 3912D, white; No. 2612D, crimson, shown in rather soft condition. C. Akehurst & Son, Whitemarsh, Md., showed a vase of their new pink seedling, Mrs. C. Edward Akehurst. It is very double, deeply fringed on long stiff stems. F. Dorner & Sons Co., LaFayette, Ind., showed Pink Sensation, a salmon pink of immense size, with stiff stems and very fragrant; also Good Cheer, a dark pink, which having been shipped the Saturday previous, showed good keeping qualities. E. G. Hill Co., Richmond, Ind., showed two vases of Alice Coombs, a beautiful pink, irregular in form, deeply fringed, on long, stiff stems; also a salmon pink which elicited much praise. The above exhibitors were given a vote of thanks by the club for the blooms staged. A belated shipment of red carnations "Belle Washburn" from Bassett & Washburn, Chicago, intended for our exhibition of carnation novelties, arrived one day late in good condition.

A. J. Stahelin, who attended the carnation meeting at Buffalo, gave a report of his observations there. He stated that the vase of Gorgeous shown by A. A. Pembroke, Beverly, Mass., was, he thought, the finest single exhibit he had ever seen of any variety. The eastern growers, he said, were the largest, as well as the most successful exhibitors, the west and middle states being poorly represented. E. G. Hill & Co.'s Hoosier Beauty and Ophelia were shown to great advantage. A certificate of merit was awarded by the club to Mr. Stahelin for the exhibit of sweet peas he made at the previous meeting, January 18.

The problem of advertising St. Valentine's day in a co-operative way was discussed and the publicity committee instructed to prepare copy for a full page advertisement in one of the local papers and E. A. Scribner was assigned the duty of collecting the amounts assessed against each florist represented in the page advertisement.

NOTES.

A continued scarcity of roses afflicts the local market while the supply of carnations, sweet peas, violets and bulbous stock continues to increase, but a spirited demand felt by all florists does not allow a surplus to accumulate.

Wm. Dilger is preparing plans for an amusement park for Morris Wolfe. The enterprise will be located on the St. Clair river near West Grand boulevard and will be most elaborate in all respects.

J. F. S.

BELVIDERE, ILL.—Lyon & Anderson have discontinued operating the Fairview greenhouses and will conduct those at the Riverview location only. The retail store on Main street will be continued. John Eldredge has taken over the Fairview range.

Mrs. C. W. Ward

As a Bread and Butter Variety

What Mr. Fritz Bahr, the famous writer of "The Weeks Work" in the Florist Exchange of January 9th, 1915, says about this variety:

"With a good many of the retail growers, throughout the Middle West in particular, the great merits of Carnation Mrs. C. W. Ward have just been recognized and appreciated. It is one of the best of its color that we have today. Every retail grower should provide room for at least a few, and fairly well grown stock will sell at a higher price than any of the standard sorts on a glutted market."

We have 40,000 Cuttings of this variety ready. $2.50 per 100; $20.00 per 1000.

For other varieties see classified list in this paper. All stock guaranteed.

J. D. Thompson Carnation Co., JOLIET, ILLINOIS.

IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in..... 30c
" " " 18-in..... 50c
" " " 24-in.....$1.00
" " " 30-in..... 1.50
Pyramids, 36-in..... 2.25
" 42-in..... 3.00
" 48-in..... 3.50
" 54-in..... 4 00
Globes, 18 by 18-in..... 3.50
Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.
Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.
Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.
Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped, $1.50 each.
Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.
Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.
Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.
Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

Cincinnati.

TRADE IS SATISFACTORY.

During the past fortnight we have had everything in the weather line from cold winter days to balmy spring weather; from snow to rain and from sunshine to cloudy and foggy weather. Just what effect these changes will have on flowers depends largely upon the weather we have for the next fortnight. As it is the supply at the time of this writing is heavier than a week ago. Most all receipts continue to clean up well and in some lines more might be used. Roses are now in somewhat stronger supply than for a while, but with the present call for them all clean up readily. American Beauties are not very plentiful, but there seems to be no especial demand for them. The carnation cut, too, is a little heavier than it was, and the average quality better. They meet with a pretty fair market. Lilies continue plentiful and prove good property. Narcissi, too, sell fairly well. Other bulbous offerings include callas, rubrums, jonquils, tulips, freesias and Roman hyacinths. Double and single violets, orchids and sweet peas are having only or hardly a fair market at the present time. This is especially true of the double violets. They are, however, having a strong call for Valentine's day. Other offerings include wallflowers, primroses and forget-me-nots. Greens are plentiful.

NOTES.

The list of Cincinnatians who were at the American Carnation Society's convention at Buffalo last week include Roger Peterson, R. Witterstaetter, and C. E. Critchell and wife.

Chas. F. Hoffmeister has been cutting some very fine sweet peas at his greenhouse in Ft. Thomas, Ky.

The florists' society will hold its next regular meeting at the Hotel Gibson on Monday, February 8.

C. E. Critchell reports a very strong call for violets for Valentine's day.

Visitors: M. L. Holland, representing Vaughan's Seed Store, Chicago; G. Van Bochove, representing G. Van Bochove & Bro., Kalamazoo, Mich., C. E. Ruch, Richmond, Ind.; H. A. Moller, representing the American Foil Co., New York; Mrs. Fennel, Cynthiana, Ky., and J. T. Herdigen, Aurora, Ind.

H.

DAYTON, O.—The first Annual Floral and Landscape Gardening Exposition of the Miami valley will be held March 1-6, in the Exposition building. W. Allen Barber, 303 Reibold building, is manager.

The New French Hydrangeas

For Spring Sales and Memorial Day

Our stock is in prime condition, retarded dormant plants from 6-inch pots, in fine shape to flower for Spring Sales or for Memorial Day; any of the varieties described below at $30.00 per 100.

Avalanche. A splendid large white with a well established reputation; an easy variety to force.
Bouquet Rose. Large trusses of rosy amber turning to bright pink; a favorite with all growers.
Dentelle. Entirely distinct, deeply fringed flower of a creamy white color.
E. G. Hill. Trusses of immense size, color a most pleasing shade of pink which does not fade, growth vigorous, foliage of a pea green color, large and attractive.
General de Vibraye. A favorite wherever seen; very large heads of bright rose colored flowers, a splendid early forcing variety.
La Lorraine. Very large flowers, pale rose, turning to bright pink; has become a general favorite.
Mme. A. Riverain. Superb bright rose color; very vigorous and floriferous.
Mme. E. Mouillere. Probably the most popular white variety on the market today, an early easy variety to force.
Mme. Maurice Hamar. A delicate fresh-rose color, a vigorous grower, the individual flowers as well as the trusses being very large.
Mlle. Agnes Barillet. A splendid white; flowers large and very freely produced.
Mousseline. A beautiful mauve-rose with cream-colored center; the flower heads are large and held erect; a fine acquisition.
Mont Rose. Immense panicles of clear-flesh rose, entirely distinct, one of the best very early flowering varieties.
Ronsard. Flowers and trusses very large, of a beautiful rose-tint.
Souvenir de Mme. E. Chautard. One of the very best, of splendid erect habit, very robust, medium sized heads of bright rose colored flowers; one of the very best of the Bouquet Rose type.
Senateur Henri David. Another splendid rose-colored variety, with red reflections; flowers produced in immense large heads; on the style of La Lorraine, but an earlier bloomer.
Vieux Chateau. Very large pure white becoming suffused with delicate rosy carmine as they mature.
Hydrangea Otaksa. Dormant plants, 6-inch pots, $25.00 per 100; 10-inch tubs, $1.00 each; 12-inch tubs, $2.50 each.

NEW FRENCH HYDRANGEA.

For full line of seasonable Plants, Bulbs, Seeds, Etc., see our current Wholesale Price List.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

The above Prices are intended for the trade only.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.
As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.
Money orders payable at Lowdham, Notts.
Address **Editors of "H. A."**

Chilwell Nurseries, LOWDHAM, Notts, England

SMILAX

Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.
Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

J. C. SCHMIDT. Bristol, Pa.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.
$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

We Offer For Immediate Delivery

Good, strong, well-established plants in 2¼-inch pots of the exceedingly

Valuable New Roses

Ophelia, Francis Scott Key, and Prince E. C. D'Arenberg.

Growers will find all of these valuable additions to the list of standard varieties. They have been tested thoroughly, and have been found to have exceptional value.

OPHELIA. No fancy rose ever introduced possesses so many excellent qualities. It is a splendid grower, a very free bloomer, and has fine stems. It sells on sight. The demand undoubtedly will exceed the supply. Anticipating the large demand, we have propagated it extensively. Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

FRANCIS SCOTT KEY. This variety, raised by Mr. John Cook, is very distinct, being entirely different from any of the indoor roses grown today. Flowers are rosy red, and are unusually large and double, resembling very much a very full, double hardy garden rose. Coupled with its large size and double form, it is an exceedingly free bloomer. It promises to be exceedingly valuable, especially for spring, summer, and fall flowering, when other less double roses are difficult to handle. Its keeping qualities are remarkable.
Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

PRINCE E. C. D'ARENBERG. This variety might well have been termed Red Killarney, as it possesses so many of the good qualities of the Killarneys. In color, the flowers are similar to Richmond, but they are much more double, and it should prove a very much more profitable rose. Flowers have fine straight stems on all the grades—from the shortest to the longest. It has fine foliage, comes away quickly, and is even a freer bloomer than the Killarneys. We believe it is the best all-round red rose that we have today.
Strong plants on own roots, 2¼-in. pots, now ready, $12.00 per 100; $90.00 per 1000.

We will be glad to quote on application prices on all the newer and standard varieties—strong grafted plants ready in March.

F. R. PIERSON, Tarrytown, New York

OPHELIA, ONE OF THE FEW THAT HAS PROVEN ITS WORTH

We have grown this magnificent rose the past season, with most gratifying results. As a free and vigorous grower and great producer it has no equal. It sets bud freely in the short days of winter, and is now coming in with a heavy midwinter crop, doing equally well on grafts or own roots.

MRS. GEORGE SHAWYER is at present more favorably thought of than ever, and we intend to again plant it heavily this season. As a money getter, our experience has proven its superiority over all sorts, and having grown extensively on own roots and grafts, we have no hesitancy in stating that like Sunburst, it does better on own roots.

We will have a splendid lot of both varieties, (grafts and own root), ready for shipment about the middle of March, together with a choice lot of **Sunburst, Ward, Prince d' Arenberg, White and Pink Killarney,** cutting taken from sand the latter part of December. For prices and further particulars write

F. J. BENTHEY, 165 N. Wabash Ave., CHICAGO

Greenhouses: Newcastle, Ind.

Newport, R. I.

Under the joint auspices of the Newport Horticultural Society and the Garden Society, H. L. Frost, of Boston, Mass., gave a lecture January 26, on injurious insects. The stereopticon showed the pests in their various stages of growth and localities they have ravaged. Among the varieties treated upon by the lecturer were the gypsy moth, tent caterpillar, brown tail moth and boxwood minor. In regard to the latter, he said it was found mostly in Newport, and the large audience present gave the lecturer rapt attention throughout his discourse. At the close, warm applause showed the appreciation of his hearers. At the next meeting of the Newport Horticultural Society the matter of swelling the building fund will be discussed and from all accounts the discussion is liable to bear fruit, as many members seem to think that the time is ripe to build. The society has completed arrangements for the coming to Newport of the American Sweet Pea Society. This show will take place at the Casino July 8-9. Alexander McLellan has been appointed exhibition manager, and the schedules are now being distributed.

NOTES.

The Garden Association will hold an exhibition February 9-10, and is arranging to have a lecture each evening of the meeting.

Thomas Gibson, formerly senior partner of Gibson Brothers, is erecting a 70 foot palm house.

Andrew Ramsay is cutting handsome gardenias daily.

J. G. B.

Menlo Park, Calif.

The annual election of officers of the Menlo Park Horticultural Society was held Thursday evening, January 21, and the following officers were elected to serve during the ensuing year: Henry Goertzhain, president; David W. Slade, vice-president; Percy Ellings, secretary; Arthur Bearsby, financial secretary; George Nunn, treasurer. Thomas Templeton was elected trustee, succeeding James T. Lynch, whose term expired. An exhibition committee to serve for one year was appointed as follows: John M. Daly, Percy Ellings, David Bassett, George Nunn and David W. Slade. Percy Coff and John Aitken were selected for ushers. Several new members were admitted and a few applications for membership were received. The society decided to hold a smoker at the next regular meeting and President Goertzhain appointed a committee to make the necessary arrangements. The exhibits made were varied and excellent. As John M. Daly and Chas. Ehrich tied for the most points for the best display during the past year it was decided to award a gold medal to each.

G. N.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

ROOTED

Rose Cuttings

Pink Killarney,	per 100,	$2.50;	per 1000,	$20.00
White Killarney,	" "	2.50	" "	20.00
Richmond,	" "	2.50	" "	20.00
Sunburst,	" "	3.00	" "	25.00

Extra fine stock ready now. Satisfaction Guaranteed.

George Reinberg

162 North Wabash Ave., - - CHICAGO, ILL.

This Ought To Be OF INTEREST To YOU.

That **Local Growers** have placed the **Largest Individual Orders** for my

New Carnation "Alice"

offered to the Trade this season. Some have doubled, and trebled their orders on successive visits. The color is an exquisite shade of clear soft pink, midway between Enchantress and Gloriosa. Habit of plant ideal, strong, very early, and a continuous, and without doubt the most productive commercial variety I have offered to date.

Prices: Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

If you have not seen it, send for descriptive circular, and get your **order** in **now.** Over 200,000 sold.

PETER FISHER, - Ellis, Mass.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz
5-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. ceda tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3 in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9 in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety. Write for prices.

Weiland & Risch
154 N. Wabash Ave., CHICAGO

GERANIUMS

All sold until the latter part of February. March delivery guaranteed to reach any point east of the Mississippi River in good growing condition. **Nutt,** $12.50 per 1000. **Ricard** and **Poitevine,** $15.00 per 1000.

Asparagus Plumosus, fine lot ready now at $2.50 per 100; $25.00 per 1000.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

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A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

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SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Mention the American Florist when writing

Rooted

ROSE CUTTINGS

For Immediate Delivery.

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$2.50	$20.00	Mrs. Geo. Shawyer	$3 00	$22.50
Pink Killarney	3.00	22.50	Mrs. Aaron Ward	3 00	22.50
White Killarney	3.00	22.50	Sunburst	3.00	22.50

Rose Plants.

Extra fine 2½ inch stock for February delivery. You can get what you want here in any quantity and at prices that are cheap considering the unusually fine quality. Order today.

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$3.00	$25.00	Sunburst	$4.00	$35.00
Killarney	4.00	35.00	Ward	4.00	35.00
White Killarney	4.00	35.00	Maryland	4.00	35.00
Mrs. Shawyer	4.00	35.00	Milady	4.00	35.00

Carnation Cuttings

250,000 Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000		Per 100	Per 1000
White Enchantress	$2.00	$17.50	Beacon (red)	$3 00	$25.00
Pink Enchantress	2.00	17.50	White Perfection	2.00	17.50
Rose Pink Enchantress	2.00	17.50	Herald (extra fine red)	3.00	27.50
Mrs. Ward (dark pink)	2.00	17.50	Josie Merle (fine pink seedling)	3.00	27.50

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

Mention the American Florist when writing

NEW ROSES —FOR— SPRING DELIVERY

MRS. F. F. THOMPSON—Beautiful Shell Pink.
WHITE SHAWYER—Pure White.
Both sports of Mrs. Geo. Shawyer. If you handle the parent successfully, you certainly must investigate these two Roses. Just as good! Just as free growing and just as remunerative!

SEPTEMBER MORN—(Turner).
Light pink Rose from California. "A Rose by any other name **might** smell as sweet," but this is the sweetest Rose we have ever grown.
HOOSIER BEAUTY.
Dorner's crimson; seems to be the King in its color.

Now grafting all the above. Place your order for early delivery.
Grafted Stock, $35.00 per 100; $300.00 per 1000. **Own Root Stock,** $30.00 per 100; $250.00 per 1000.

1914 VARIETIES: OPHELIA. HADLEY, PRINCE D'ARENBERG, KILLARNEY BRILLIANT, MADAME HERRIOT
Grafted, $17.50 per 100; $150.00 per 1000. **Own Root,** $12.50 per 100; $120.00 per 1000.

These varieties, with a full list of Novelty 'Mums and Carnations, fully described in our Catalogue, which will be mailed for the asking.

CHARLES H. TOTTY, - MADISON, N. J.

Robert Craig Co.
High Class **PALMS**
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

JANUARY Price List
2½ and 4-inch **ROSES**
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

NEW ROSE BOOK

The Practical Book of
Outdoor Rose Growing For The Home Garden
By George C. Thomas, Jr.

GENERAL SCOPE:

The Propagation of Roses. Location and Preparation. Ordering.
The Best Varieties with their Characteristics. Planting. Pruning.
Some General Information and Hints of Hybridization. Climbers. Cultivation.

Elaborately illustrated with 96 reproductions in full color of leading varieties of roses and a few halftone plates. Handsome cloth binding, in slip case. Price, $4.00, postage or expressage extra.

American Florist Co., 440 South Dearborn Street, **Chicago**

Toledo.

INCLEMENT WEATHER HURTS TRADE.

Last week saw a period of very cold and stormy weather which was followed by a thaw and a terrific rain storm. This put a damper on business and resulted also in a deterioration of stock. The quality of most flowers and plants that are marketable at this time of the year is gradually improving, while the demand on the other hand is very light. Numerous funerals are helping out wonderfully. With the approach of St. Valentine's day, it is gratifying to local retail florists to note that the supply of sweat peas and violets will be good for that day. Carnations on the whole are of better grade and find a ready sale. Roses are still scarce in the short stemmed variety. There is now a brisk demand for Easter lilies, of which there are not enough on the market to go around.

NOTES.

The case of George Poulin, delivery man for Harry Heinl, wholesale florist, versus the Toledo Railways and Light Co., being tried at the present time in the common pleas court, is giving all the florists of this city something to talk about. The plaintiff is suing the transportation company for injuries sustained four years ago in a collision with a street car. One verdict was given him for $12,000, but the case was remanded by the supreme court for another trial. Moving pictures taken by the company showing Mr. Poulin delivering heavy plants play an important and unique part in the case. The newspapers are playing the case up big, and it is called the "moving-picture case."

At the meeting of the Toledo Florists' Club, which was held at Schramm Bros., the growers present decided to take active steps to remedy defects in the state law regarding the firing of boilers and to counteract the evils of its administration, which in certain cases has worked a hardship on greenhouse men here. The secretary was instructed to get into communication with other florists throughout the state and a united effort will be made to get satisfactory conditions.

The presentation of "Town Topics" by Toledo's society for the benefit of the Belgians, was marked by a wealth of floral offerings. Metz and Bateman, Mrs. J. B. Freeman and the Scottwood did a good business as a result.

Some Excellent Stock

Size of pots.	Per 100	1000
2½ in. **Asparagus Plumosus**	$3.00	$25 00
4 in. **Asparagus Plumosus**	7.50	70 00
2½ in. **Asparagus Sprengeri**	2.50	22.50
4 in. **Asparagus Sprengeri**	6.50	60.00
2¼ in. **Abutilons,** 8 varieties	3.00	25.(0
3½ in. **Begonia,** flowering in bloom	8.00	75.00
3½ in. **Cinerarias,** choice mixed	6.50	60.00
3 in. **Cyclamens,** ass't varieties	8.50	80.00
2¼ in. **Fuchsias,** 15 choice varieties	3.00	25.00
2¼ in. **Heliotropes.** 3 varieties	3.00	25.00
2½ in. **Marguerites,** white and yellow.	2.75	25.00
2½ in. **Marguerite** Mrs. Sanders	3.00	28.00
4 in. **Primula Obconica,** in bud and bloom	7.50	70.00
3 in. **Primula Obconica,** in bud and bloom	4.00	38.00
3½ in. **Vinca Variegata**	6.50	6).00

5 and 6 in. **Dracaena Indivisa,** 20c and 25c each.
Geraniums, 2 and 2¼ in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, etc., $2.50 per 100; $20.00 per 1000.
Also abundance of other stock, including 30 varieties of **Canna Bulbs.** Correspondence solicited

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Wholesale Florist
WASHINGTON, - NEW JERSEY

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft	$1 00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½-ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

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Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Cash with order.
GEO. M. EMMANS, Newton, N. J.
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GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.
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Sold with an absolute guarantee. Carefully selected cuttings from clean, healthy stock, properly grown by specialists, carefully handled give you the best healthy plants, full of vitality.

How much money do you lose every time you buy cheap cuttings? You can buy cuttings for less than we quote you but what do you get? Cuttings from exhausted stock that has not been changed in years, subject to stem rot or other disease. **You lose** half of them before planting time and have to buy field plants to fill your benches. What you have left are not worth keeping, therefore, practice safety first by getting your cuttings from us, as we are specialists and grow the carnation properly to the highest standard of perfection, guaranteed in every respect.

Peerless Pink Dark pink. The best and most profitable Carnation introduced to the trade last season. No other new carnation can equal it in early and continuous productiveness. The blooms command the highest prices at all times. **Rooted Cuttings, $6.00 per 100; $50.00 per 1000.**

	Per 100	Per 1000
Champion, scarlet	$6.00	$50.00
Yellow Prince	6.00	50.00
Matchless, white	6.00	50.00
Philadelphia, pink	6.00	50.00
Gloria, pink, free	6.00	50.00
Princess Dagmar, crimson	$6.00	$50.00
Pink Delight	6.00	50.00
The Herald, scarlet	4.00	30.00
Enchantress Supreme	4.00	30.00
Conquest, overlaid pink	$4.00	$30.00
Gloriosa	3.00	25.00
White Wonder	3.00	25.00
White Enchantress	3.00	25.00
Enchantress	3.00	25.00

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TRADE IS SATISFACTORY.

The month of January closed with one of the best weeks of the season from the florists' standpoint. A snappy, cold atmosphere, which produced brisk business, brought color and sturdiness to the growth of the flowers. Roses are of the best quality this season, and while not overabundant, yet are sufficiently plentiful to take care of all orders. Carnations are of splendid quality, are increasing in quantity, and find a ready market. Easter lilies and callas continue to find a ready call for funeral work, which has been good during the past week. Home-grown violets are very scarce, and are quickly sold. Cattleyas are bringing fifty and seventy-five cents. American Beauty roses are in good supply, with long stems and fine color. Sweet peas are abundant and of exceptionally fine quality. Tulips, jonquils, daffodils, narcissi and hyacinths meet with a good sale, although cyclamens retain much public favor on account of their lengthy blooming possibilities.

NOTES.

A golden wedding celebration of unusual interest, because of the social prominence of the parties as well as the elaborate floral decorations, was that of Mr. and Mrs. Michael Battes, February 1. The cathedral was handsomely decorated with banks of ferns and palms with an artistic draping of southern smilax for a background. On the marble altars, Harrisi lilies and Hillingdon roses were used. At the anniversary dinner the table was decorated with Sunburst roses in gold basket-hats, with a background of Adiantum Farleyense ferns.

Miss Rhoda Doswell entertained the members of the Birthday Anniversary club at dinner January 27. English nosegays in quaint baskets formed a very pleasing table-decoration.

Mrs. Cecil Max left last week for her home in Mobile, Ala., after a visit of several months with her father, Judge W. J. Vesey.

Visitors: Geo. Mauny, representing Reed and Kellar, New York; Sidney Bayersdorfer, of H. Bayersdorfer & Co., Philadelphia, Pa., and John D. Arentshorst, representative of Boartman & Konig, bulb growers, Sassenheim, Holland. H. K.

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Meetings of Florists' Clubs.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

ALBANY, N. Y. — Albany Florists' Club, 611 Broadway. First Thursday of each month at 8 p. m Robert Davidson, Secretary, 139 Second street, Albany.

BALTIMORE, MD.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets. Second and fourth Monday of each month, at 8 p. m. Noah F. Flitton, Secretary, Gwynn Falls Park, Station F, Baltimore.

BOSTON, MASS.—Gardeners and Florists' Club of Boston, Horticultural Hall. Third Tuesday of each month, September to June inclusive, at 8 p m. W N. Craig, Secretary, Faulkner Farm, Brookline, Mass.

BUFFALO. N Y.—Buffalo Florists' Club, Kasting's hall, 385 Ellicott street. First Tuesday of each month at 8 p. m. Wm. Legg, Secretary 889 West Delaware avenue, Buffalo.

CHICAGO —Chicago Florists' Club. First Thursday after the first Monday of each month, at 8 p. m., in Hotel Bismarck, 175 West Randolph street. Guy W. French, Secretary, Morton Grove, Ill.

CHICAGO.—Gardeners' and Florists' Union No 10615, 232 North Clark Street. Second Wednesday of each month. Louis Heidtman, Secretary, 3610 North Richmond street, Chicago.

CINCINNATI, O.—Cincinnati Florists' Society, Jabez Elliott Flower Market. Second Monday of each month, at 8 p.m. Alex. Ostendarp, Secretary, 24 East 3rd street, Cincinnati.

CLEVELAND, O.—Cleveland Florists' Club. Hotel Hollenden, Club room B. Second Monday of each month, at 7:30 p. m. Frank Friedley, Secretary, 95 Shaw avenue, East Cleveland, Ohio.

DAVENPORT, IA.—Tri-City Florists' Club. Second Thursday of each month, in Rock Island, Moline and Davenport, alternately. Wm. Goos, Secretary, Bettendorf, Davenport.

DAYTON O.—Dayton Florists' Club, 37 E. Fifth street. First Tuesday of each month, at 8 p. m. Horace M. Frank, Secretary, 112 South Main street Dayton.

DETROIT, MICH. — Detroit Florists' Club, Bemb Floral hall, 153 Bates street. First and third Monday of each month, R H. Wells, Secretary, 827 Canfield avenue, Detroit.

DOBBS FERRY, N. Y.—Dobbs Ferry Horticultural Society, Odd Fellows hall. Second and fourth Saturday of each month. B. Harms, secretary, Dobbs Ferry.

HARTFORD, CONN.—The Connecticut Horticultural Society, County building, Hartford. Second and fourth Friday of each month at 8 p. m. Alfred Dixon, Secretary, 25 Wilcox street, Wethersfield, Conn.

HOLYOKE, MASS. — Holyoke & Northampton Florists' and Gardeners' Club, meets with its members upon the notice of the secretary, the second Tuesday of each month at 7:45 p. m. James Whiting, Secretary, French Hall, M. A. C., Amherst, Mass.

INDIANAPOLIS, IND.—State Florists' Association of Indiana First Tuesday of each month. Annual meeting second Tuesday in January. Meetings held in different parts of the state. Oliver Steinkamp, Secretary, Rockwood avenue and Thirty-eighth street, Indianapolis.

LAKE FOREST, ILL —The North Shore Horticultural Society, City hall. First Friday of each month at 8 p. m. E. Bollinger, Secretary, Lake Forest.

LAKE GENEVA, WIS.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. First and third Tuesday of each month. Wm. H. Griffiths, Secretary, Lake Geneva.

LENOX, MASS. — Lenox Horticultural Society, Town hall. First Saturday of each month, at 7:30 p. m. Geo. H. Instone, Secretary, Lenox.

LOS ANGELES, CALIF.—Los Angeles County Horticultural Society. First Tuesday evening of each month, at 237 Franklin street. Henry W. Kruckeberg, Secretary, Los Angeles.

LOUISVILLE, KY.—The Kentucky Society of Florists. First Wednesday of each month, Masonic Temple. August Baumer, Secretary, Masonic Temple, P. O. Box 295, Louisville.

MILWAUKEE, WIS.—The Milwaukee Florists' Club, Quiet house 86 Mason street. First Tuesday of each month. Eugene Oestreicher, Secretary. North avenue and Fifty-fifth street, Milwaukee.

MINNEAPOLIS, MINN. — Minneapolis Florists' Club, usually at Rice Bros., 218 North Fifth street. First Tuesday of each month, at 8 p. m. Wm. J. Vasatka, Secretary, 3340 Chicago avenue, Minneapolis.

MINNEAPOLIS, MINN.—Minnesota State Florists' Association. Meets third Tuesday of November, February and April. Place decided on by the Executive Committee. Gust. Malmquist, Secretary, Fair Oaks, Minneapolis, Minn

MONTREAL, QUE.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street. First and third Monday of each month, at 7:45 p. m. W. H Horobin, Secretary-Treasurer, 283 Marquette street, Montreal.

MORRISTOWN, N. J.—Morris County Gardeners' and Florists' Society, Masonic Hall. Second Wednesday of each month, except July and August, at 8 p. m. Edward Regan, Secretary, 139 Madison avenue, Morristown.

NEWARK, N. J.—Essex County Florists' Club, Kreuger Auditorium, 25 Belmont avenue. Meets third Thursday of each month. John Crossley, Secretary, 37 Belleville avenue, Newark, N. J.

NEWARK, N. J.—Wein. Obst & Gartenbau Verein, 15 Newark street. Second and fourth Sunday of each month, from 3 to 5 p. m. Peter Caille, Secretary, 111 Avon avenue, Newark.

NEW LONDON, CONN.—The New London Horticultural Society. Second Thursday of each month, at 8p. m., at 38 Main street. J. M. Humphrey, Secretary, New London.

NEW ORLEANS, LA.—Gardeners' Mutual Protective Association 114 Exchange alley. Second Sunday of each month, at 2 p m. John Parr, Secretary, 4539 North Rampart street, New Orleans.

NEW ORLEANS, LA.—New Orleans Horticultural Society, Association of Commerce Building, cor. St. Charles and Common streets. Third Thursday of each month, at 8 p. m. C. R. Panter, Secretary, 2320 Calhoun street, New Orleans.

NEWPORT, R. I.—Newport Horticultural Society. Music hall. Second and fourth Tuesday of each month. William Gray, Secretary, Bellevue avenue, Newport.

NEW YORK—New York Florists' Club Grand Opera House building, Eighth avenue and Twenty-third street. Second Monday of each month at 7:30 p.m. John Young, Secretary, 53 W. 28th street, New York.

NEW YORK — Horticultural Society of New York at American Museum of Natural History. Second Saturday of each month, unless otherwise announced, at 4:30 p. m., November to April; other months at Botanical Garden Geo. V. Nash, Secretary. N. Y. Botanical Garden, Bronx Park, New York.

NORWICH, CONN.—New London County Horticultural Society, Buckingham Memorial. Second and fourth Monday, January, March, April and May. Frank H. Allen, Secretary, 321 Main street, Norwich.

OMAHA, NEB —Omaha Florists' Club, Court house. Second Thursday in each month, at 8 p.m, Lewis Henderson, Secretary, 1519 Farnam street Omaha.

PHILADELPHIA, PA.—Florists' Club of Philadelphia, Horticultural Hall, Broad street, above Spruce. First Tuesday of each month, at 8 p. m. David Rust, Secretary, Philadelphia.

PITTSBURGH, PA.—Pittsburgh Florists and Gardeners' Club. Fort Pitt Hotel, 10th st and Penn avenue. First Tuesday of each month, at 8 p. m. H P. Joslin, Secretary, 7202 Perrysville avenue, Ben Avon, Pa.

PROVIDENCE, R. I.— Florists and Gardeners' Club of Rhode Island, Swartz hall, 96 Westminster street. Fourth Monday of every month at 8 p. m. William E. Chappell, Secretary, 333 Branch avenue, Providence.

ROCHESTER, N. Y.—Rochester Florists' Association, 95 Main street east. Second Monday of each month at 8 p. m. H. B. Stringer, Secretary, 47 Stone street, Rochester.

SAN FRANCISCO, CAL.—Pacific Coast Horticultural Society. First Saturday of each month, at Sachem hall, Redmen's building, 240 Golden Gate avenue, at about 8:15 p. m. W. A. Hofinghoff, Secretary, 432 Phelan building, San Francisco.

ST. LOUIS, MO.—St. Louis Florists' Club, Odd Fellows' hall No. 2. Second Thursday of each month. J. J. Beneke, secretary, 1216 Olive street, St. Louis.

TERRE HAUTE, IND. — Terre Haute Florists' Club. First Thursday of April, July, November and January, at the Chamber of Commerce, at 8 p. m. N. B. Stover, Secretary, 118 South Sixth street, Terre Haute.

TACOMA, WASH. - Tacoma Florists' Association, Maccabee hall, Eleventh and C streets. First and third Thursday of each month. F. H. Atchison, secretary, South Fiftieth and East F street, Tacoma.

TORONTO, ONT.—Gardeners' and Florists' of Ontario, St. George's Hall, Elm street. Third Tuesday of each month at 8 p. m. Geo. Douglas, Secretary, 189 Merton street, Toronto.

WASHINGTON, D. C.—The Florists' Club of Washington, D. C., 1214 F street, N. W. First Tuesday of each month, at 8 p. m. C. L. Linz, Secretary, 635 Tenth street, N. E., Washington.

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25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

ARAUCARIAS.

Araucarias, Excelsa, 9 inches, 3 whorls, $5 per doz.; $40 per 100; 12 ins., 3 whorls, $7.50 per doz.; $60 per 100; 15 ins., 3 whorls, $10 per doz.; $75 per 100. Glauca, 10-12 ins., 2-3 whorls, $8 per doz. Vaughan's Seed Store, Chicago and New York.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa. 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS NANUS. Good strong healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 3-inch, $3.50 per 100; 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Asparagus plumosus, seedlings, ready Feb. 15, $6 per 1,000; 2½-in. pots, $3 per 100; $25 per 1,000; 4-in., $12 per 100. Sprengeri, seedlings from flats, $4 per 1,000. Vaughan's Seed Store, Chicago and New York.

Asparagus plumosus and Sprengeri, 2¼-in., $2 per 100; $18 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus and Sprengeri, 2¼-in. pots, $2 per 100. Joseph H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS, 3-in., $6 per 100. SPRENGERI, 3-in., $5 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, $2.50 per 100; $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in. pots, 10-12 leaves, $1 each; variegated, 5-in. pots, 10-12 leaves, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

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REMEMBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: White, pink, lavender and purple. Price, $5 per oz.
Cash with order.
ALBERT A. SAWYER, Forest Park, Ill.

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Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Stores & Harrison Co., Painesville, O.

Azaleas, all the leading varieties, from 65c to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies, August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Gloire de Chatelaine, 2-in., $4; 3-in., $7; 4-in., $12; 5-in., $20 per 100. These are an extra choice lot of plants; if not used for sale, they make good stock plants at a bargain price. Mr. Rob. Marchant, of Hartford, Conn., says this: "The box of begonias arrived in good shape. The plants are excellent. Thanking you for your prompt attention and good stock, I remain." CHRIST WINTERICH, Cyclamen Specialist, Defiance, O.

Begonia Luminosa, fine 4-inch in bloom, 10c; fine 3-inch in bud and bloom, 7c; 2-inch, 2c. Cash, please. Brill Celery Gardens, Kalamazoo, Mich.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood, bush shape, 12-in., 30c; 18-in., 50c; 24-in., $1; 30-in., $1.50. Pyramids, 36-in., $2.25; 42-in., $3; 48-in., $3.50; 54-in., $4. Globes, 18 by 18 ins., $3.50. The Storrs & Harrison Co., Painesville, O.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, L. Formosum, 7-9-in., 9-10-in., 10-11-in., 11-13-in.; also Japan grown freesias, ½ and ¾-in. The Yokohama Nursery Co., Ltd., Woolworth Bldg., New York.

Bulbs, special offer. See advertisement on front cover page. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, all kinds. Arthur T. Boddington, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen, Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, strong tubers, 3 to 5 eyes, as follows: King Humbert, $2.50 per 100; Pennsylvania, Betsy Ross, Louisiana and Florence Vaughan, at $1.50 per 100; $12 per 1,000. Less 10 per cent for cash with order. ELITCH-LONG GREENHOUSES, Denver, Colo.

Cannas, 2,500 Austria, $1 per 100. 300 Morning Star, $1.50 per 100. 500 Red, $1 per 100. 500 Pink Beauty, $1.50 per 100. 400 Venus Pink, $2 per 100. F. WALKER & CO., 312 West Chester St., Louisville, Ky.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., $1.25 per 100. Joseph H. Cunningham, Delaware, O.

CANNAS, tubers 3 to 5 eyes, mixed colors, $1 per 100; $5 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

CARNATIONS.

CARNATION CUTTINGS, Present Delivery.

	Per 100	Per 1000
White Wonder	$3.00	$25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Champion	6.00	50.00
Commodore	2.50	20.00
Beacon	3.00	25.00
Princess Dagmar	6.00	50.00

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Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1,000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

Carnations, Peerless Pink, $6 per 100; $50 per 1,000. Champion, Yellow Prince, Matchless, Philadelphia, Princess Dagmar, Gloria, Pink Delight, $6 per 100; $50 per 1,000. The Herald, Enchantress Supreme, Conquest, $4 per 100; $30 per 1,000. White Wonder, White Enchantress, Enchantress, $3 per 100; $25 per 1,000. Chicago Carnation Co., 30 E. Randolph St., Chicago.

Carnations, Pink Sensation, $12 per 100; $100 per 1,000. Philadelphia, Peerless Pink, Pink Delight, Champion, Matchless, $6 per 100; $50 per 1,000. White Wonder, Beacon red, Enchantress, Mrs. C. W. Ward, Rosette, White Enchantress, $3 per 100; $25 per 1,000. Herald, $4 per 100; $25 per 1,000. Enchantress Supreme, $4 per 100; $35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder, White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Philadelphia, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald, $3.50 per 100; $30 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Matchless, rooted cuttings, $6 per 100; $50 per 1,000; $112.50 per 2,500; $200 per 5,000. Cottage Gardens Co., Inc., Queens, New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

EXTRA FINE CARNATION CUTTINGS.
The best in the land. Big value for your money.
Enchantress .....$20.00 per 1,000
White Enchantress ..... 20.00 per 1,000
White Wonder ..... 25.00 per 1,000
SINNER BROS.,
56 East Randolph St., Chicago, Ill.

ROOTED CARNATION CUTTINGS. Beacon, White Enchantress, Enchantress, Rose Pink and Herald, $20 per 1,000.
WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St., Cincinnati, O.

Carnations, White Enchantress, Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Beacon, $3 per 100; $25 per 1,000. Herald and Josie Merle, $3 per 100; $27.50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnation Belle Washburn, rooted cuttings for Jan. 1, 1916, delivery, $12 per 100; $100 per 1,000. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

Carnations. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

ROOTED CHRYSANTHEMUM CUTTINGS.
February and March Delivery.
WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.
POMPON CUTTINGS.
Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.
A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, rooted cuttings or 2-in., pot plants. $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co.. Morton Grove, Ill.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, rooted cuttings, 10 varieties, 70c per 100 postpaid; $5 per 1,000 by express, not prepaid. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus. rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

CROTONS.

Crotons, 4-in., $4 per doz.; $30 per 100; 5-in., $6 per doz. Vaughan's Seed Store, Chicago and New York.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN GIGANTEUM in full bloom. 4-in., red, white red eye, pink, 12c; 4-in., Salmon, 15c; 5-in., mixed colors, 35c. R. J. Southerton, Highland Park, Ill.

Cyclamens, in bloom, mostly light colored stock, 5-inch, $5; 6-inch, $7.50 per dozen; 7-inch, $1.25 each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamen, 3-in., in bud, $3 per 100. Joseph H. Cunningham, Delaware, O.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

A great bargain in blooming cyclamen, full of blooms and well set with buds, every plant a specimen, mostly light shades, 2½-in., $5; 4-in., $10 and $15; 5-in., $25 and $35; 6-in., $50 and $75 per 100. We have received a good many letters similar to this one: "Thank you very much for the beautiful cyclamen plants. It does not take a salesman to sell them."—Colonial Flower Shop, Goshen, Ind. "I am in receipt of the transplanted cyclamens and express my thanks. I of course expected good plants from you, but these are above my expectation. I will try and win first prize with them as two years ago I received first in Chicago. I recommended you to Mr. Kuppenheimer's niece from Lake Forest and I shall do all I can for you in the future. Thanking you again, etc.," yours, Paul Dieball, Gardener for Mr. Kuppenheimer at Hubbards Woods, Ill. CYCLAMEN SEEDLINGS, once transplanted, of our well-known strain, only the best sent out, with cultural directions; in separate colors, $3.50 per 100; $30 per 1,000. These are strong, once transplanted stock, not to be compared with seedlings. 250.000 grown this season. CHRIST WINTERICH, Cyclamen Specialist, Defiance, O.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

DAHLIAS.

100,000 choicest cut-flower DAHLIAS, strong field-grown roots, absolutely true to name: Delice, $5 per 100. White Swan, $4 per 100. Bonton, Elegans, Princess Victoria, Penelope, Queen Victoria, Kriemhilde, Mrs. Geo. Stevenson, Perlehilde, Prince of Yellows, The Pilot, Admiral Togo, Jumbo, Kinds Pink. Lyndhurst, Evelyn Century, Eckford Century, Golden Century, Wildfire, Cardinal, Fr. 20th Century, Gladys, Rose Pink, 20th Century, $3 per 100; $25 per 1,000. Arabella, Red Hussar, Jack Rose. Sylvia, $2.50 per 100; $20 per 1,000. Reference, Peoples' National Bank. JAS. WELLER, Hammonton, N. J.

Dahlias, Mrs. J. C. Vaughan, $50 per 100. Great Britain, $30. Hort. Fiet., $25. Chatenay, $50. Leo XIII, $30. Geisha, $12. America, $20. Avalanche, $20. Alice Roosevelt, $10. Dr. Perry, $12. Warnaar & Co., care of J. W. Hampton, Jr., & Co., 17 Battery Place, New York.

Dahlias, whole field clumps, $5 per 100, up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DRACAENAS.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

FERNS.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns for dishes, including aspidium crytomium falcatum, Pteris Mayi, Wilsoni, etc., $8 per 100; $25 per 1,000. Adiantum Croweanum, 5-in., 20c. Glory of Mordrecht, 5-in., 35c; 4-in., 25c. Cibotium Schiedei, 5-in., 75c; 6-in., $1. Crytomium Rockfordianum, 4-in., 10c; 5-in., 20c; 6-in., 35c. The Storrs & Harrison Co., Painesville, O.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns. Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Boston ferns, 2-in.....$3.00 per 100
Boston ferns, 3-in..... 6.00 per 100
Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100.
Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.
ERNEST ROBER, WILMETTE, ILL.

FERNS FOR FERN DISHES.
Fine stock: 2-inch pots, $2.50 per 100; 3-inch pots, $5 per 100.
WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St., Cincinnati, O.

If you have never had our SPRINGFIELDI FERN plants, you are missing a good thing. Guaranteed to live and stand rougher usage than any fern known. Large 4 and 5-inch, $7 per 100; 6 and 7-inch, $10 per 100. A trial will convince you. NEWELL & ULSTER, Apopka, Florida.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

BOSTON and HARRISII FERNS, strong, 2½-inch, $3.50 per 100; $30 per 1,000; 2-inch, $3 per 100; $25 per 1,000. BOSTON, WHITMANI FERNS, 5, 6 and 7-inch, 25c, 40c and 60c. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

Fuchsias, good assortment, 2-inch, $2 per 100; R. C. $1 per 100. Cash. Brill Celery Gardens, Kalamazoo, Mich.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.
Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

Geraniums, in such varieties as S. A. Nutt, Berthe de Presilly, Col. Thomas, Edmond Blanc, Jean Oberlee, Jules Vasseur, La Favorite, Marquise de Castellane, Mme. Buchner, Mme. Recamier Onella, etc., $2 per 100; $18.50 per 1,000 from 2-in. pots; $3 per 100; $25 per 1,000, from 3-inch pots. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, 2 and 2½-inch pots: Alphonse Geraniums, S. A. Nutt; fine plants out of 3½-in. pots, $7 per 100. Only 800 left. Cash with order. VALKERS GREENHOUSE, Minot, N. D.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and four other varieties, 2½-inch pots, $3 per 100; $25 per 1,000. Joseph H. Cunningham, Delaware, O.

Geraniums, Feb. and March delivery. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 2 and 2½-in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, Buchner, etc., $2.50 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

GLADIOLUS.

Bulbs, Gladiolus, Mrs. Francis King, 1st size, $10 per 1,000; medium, $8. Augusta, 1st size, $12 per 1,000; medium, $10. Chicago White, 1st size, $30 per 1,000; medium, $25. America, 1st size, $12 per 1,000; medium, $10. Florist XXX mixed, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HYDRANGEAS.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

Hydrangeas, new French; Avalanche, Bouquet Rose, Dentelle, E. G. Hill, General de Vibraye, LaLorraine, Mme. A. Riverain, Mme. E. Mouillere, Mme. Maurice, Hamar, Mlle. Agnes Barillet, Mousseline, Mont Rose, Ronsard, Souvenir di Mme. E. Chautard, Senateur Henri David, Vieux Chateau, retarded, dormant plants from 6-inch pots, $30 per 100. Hydrangea Otaksa, dormant plants, 6-inch pots, $25 per 100; 10-inch tubs, $1 each; 12-inch tubs, $2.50 each. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Hydrangeas, pot-grown, French sorts, La Lorraine, Mme. E. Mouillere, Mme. Maurice Hamar, Mme. Guillard, Mme. Chantard, 5-in., $25 per 100. Otaksa, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

HYDRANGEA OTAKSA, 3-in. pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

English ivy from field, 20 to 30 inches, $3; from pots, 30 to 40 inches, $5 per 100. CHAS. FROST, Kenilworth, N. J.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter, E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley pips, per 1,000 from $12 to $16. Chas. Schwake & Co., Inc., 90-92 W. Broadway, New York.

Lily of the valley, extra fine quality. New crop. Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

WAR reduces cost of valley pips. New imports now ready. Bruns' Celebrated Chicago Market, best valley in existence, $14 per 1,000; $7.50 per 500; $4 per 250; $1.75 per 100. Cold Storage Valley for February and March, $18 per 1,000; $9.50 per 500; $5 per 250. H. N. Bruns, 3032 W. Madison St., Chicago.

Lily of the valley pips, from cold storage, 2,500 to case, $17 per 1,000. New crop, 1,000 to case, $16.25 per 1,000. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

Lily of the valley, cold storage, $1.60 per 100; $15 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MANETTI.

Manetti, on hand. Best English stocks, grafting size, 3-5 m/m, not "as they run", but RE-GRADED HERE, culls thrown out; shrinkage eliminated; all good, at $9.50 the thousand, while they last. JACKSON & PERKINS CO., Newark, New York.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST. CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Tree seeds, fir, hemlock, spruce, cedar, pine, arbor-vitae, larch, oak, maple, cherry, catalpa, syringa, rhus cornus. For varieties and prices see advertisement elsewhere in this issue. The D. Hill Company Box 404, Dundee, Ill.

E. TURBAT & CO., Nurserymen, ORLEANS, France, grow all outdoor Nurseries stocks; FRUIT, Ornamental and Forest. Wholesale list on demand.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. Julius Roehrs Co., Rutherford, N. J.

PALMS.

ARECA LUTESCENS:
2-in., at $1.20 per doz.; $9.00 per 100.
3-in., at $2.00 per doz.
4-in., at $3.00 per doz.
6-in., 18 to 24 in. high, at 75c; $9.00 per doz.

COCOS WEDDELLIANA:
3-in., at $2.50 per doz.
2-in., at $1.75 per doz.; $14.00 per 100.

KENTIA BELMOREANA.

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	12-14-in.		4.50	35.00
5-in.,	5-6	15-18-in.		6.00	50.00
7-in.,	6-7	30-32-in.	$ 2.50		
8-in.,	6-7	48-in.	7.00		
8-in. tubs,	6-7	60-in.	10.00		
9-in. tubs,	7-8	72-in.	13.00		

KENTIA FORSTERIANA.

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	14-16-in.		4.50	35.00
5-in.	5-6	16-18-in.	$ 0.50	6.00	
5-in., extra strong			.75	9.00	
6-in.,	5-6	18-24-in.	1.00		
7-in.,	6-7	36-40-in.	2.25 to 2.50		
7-in.,	6-7	44-48-in.	4.00		
8-in.,	6-7	60-64-in.	8.50		
8-in.,	6-7	64-68-in.	9.00		
9-in.,	6-7	72-in.	11.00		
9-in.,	7-8	80-84-in.	12.00		
9-in.,	7-8	84-88-in.	15.00		

KENTIA, MADE UP.

BELMOREANA, 5-in., 3-4 in a pot, at 50c and 75c each.

FORSTERIANA:
7-in., 24-30 in. high, at $2.00 and $2.50 each.
8-in. tubs, 36-in. high, at $4.00 each.
9-in. tubs, 40-in. high, at $5.00 each.
9-in. tubs, 48-in. high, at $7.50 each.
9-in. tubs, 52-56-in. high, at $9.00 each.
9-in. tubs, 66-70-in. high, at $12.00 each.
9-in. tubs, 72-80-in. high, at $15.00 each.
6-in., 3-4 in a pot, 20-24 in., high, at $1.25; $15.00 per doz.
6-in., 3-4 in a pot, stronger, at $1.50; $18.00 per doz.
7-in., 3-4 in a pot, at $2.50 each.

LATANIA BORBONICA:
2-in., at $5.00 per 100.
3-in., at $10.00 per 100.
4-in., made up, at 25c; $3.00 per doz.

PHOENIX CANARIENSIS:
7-in., 24 in. high, at $1.50.
8-in., 30 in. high, at $2.50.
9-in., 48-50 in. high, at $6.00, $7.00.
9-in., 60-64 in. high, at $12.00.
Extra large, 7 feet and more, at $40.00.

THE GEO. WITTBOLD CO.,
739 Buckingham Place, Chicago

KENTIA BELMOREANA.
Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30	1.50
6-inch pots,	6 to 7,	32 to 34	2.00
7-inch pots,	6 to 7,	40 to 42	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44	4.00
8-inch tubs,	6 to 7,	45 to 48	5.00
9-inch tubs,	6 to 7,	58 to 64	7.50

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20	$0.35
6-inch pots,	5 to 6,	28 to 30	1.00
6-inch pots,	5 to 6,	34 to 36	1.50
8-inch tubs,	6 to 7,	46 to 48	3.50
8-inch tubs,	6 to 7,	50 to 54	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	$1.50
7-inch pots, 3 plants in a pot,	36 to 38	2.50
7-inch tubs, 4 plants in a tub,	38 to 40	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	3.50
8-inch tubs, 3 plants in a tub,	48 to 54	5.00
8-inch tubs, 4 plants in a tub,	52 to 56	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens, 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

KENTIA BELMOREANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	24	$1.25
7-inch pots, 3 plants in a pot,	38 to 40	3.50

Specimens very heavy, $10 to $12.

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6-inch pots, 3 plants in pot	$1.00
7-inch pots, 3 plants in pot	1.50

PHOENIX ROEBELENII.

4-inch, nicely characterized	$0.50
7-inch, 22 inches high, 30 to 32	2.00
7-inch, 26 inches high, 34 to 36	2.50
8-inch tubs, fine specimens	3.50

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MORTON GROVE, ILL.

Palms, Kentia Forsteriana, 6-in., 5-6 leaves, 30-32 ins., $1.50 each; $17 per doz.; 7-in., 6-7 leaves, 36-40 ins., $3.25 each; 10-inch, 6-7 leaves, 60 ins., $8 each. Made-up plants: 7-in., 3 plants, 28-30 ins., $2.50 each; $27.50 per doz.; 7-in., 3 plants, 30-34 ins., $3 each; $32.50 per doz.; 8-in., 3-4 plants, 34-38 ins., $4 each; $45 per doz.; 10-in., 70-74 ins., $15 each. Pheonix Canariensis, 7-in., 28-30 ins., $1.50 each. Vaughan's Seed Store, Chicago and New York.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 4-inch pots, 60c each; $6 per doz.; 3 for $1.65; 6-inch, $1.50 each. Vaughan's Seed Store, Chicago and New York.

PANSIES.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

Pansy plants, giant flowering, $2.50 per 1,000. Joseph H. Cunningham, Delaware, O.

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CHRISTMAS PEPPERS, strong 4-inch bushy plants, full of berries, $10 per 100. A. T. Hey Floral Co., Maywood, Ill.

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Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, dbl., mixed colors, 2-inch, $2 per 100; 3-inch, $3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

POINSETTIAS.

POINSETTIAS, 2½-in., $5 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

Primula Obconica, good 3-inch in bud and bloom. 5c. Malacoides, 3-inch fine plants in bloom, 3c. Cash. Brill Celery Gardens, Kalamazoo, Mich.

PRIMULA MALACOIDES, 2½-in., $3 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Primula obconica, $1 per 100 to close out. Joseph H. Cunningham, Delaware, O.

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200,000 California, Ibata and Variegated Privet, all sizes. 100,000 Berberis Thunbergus, 1, 2 and 3-year and all other shrubs and vines. Get list now ready. Benj. Connell, Florist, Merchantville, N. J.

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	100	1,000
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Sunburst	10.00	80.00
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Roses, rooted cuttings: Richmond, $2.50 per 100; $20 per 1,000. Pink Killarney, White Killarney, Mrs. Shawyer, Mrs. Ward, Sunburst, $3 per 100; $22.50 per 1,000. Rose plants, 2½-inch: Richmond, $3 per 100; $25 per 1,000. Killarney, White Killarney, Mrs. Shawyer, Sunburst, Ward, Maryland, Milady, $4 per 100; $35 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Roses, Ophelia, Mrs. Geo. Shawyer, Sunburst, Ward, Prince d'Arenberg, White and Pink Killarney. Write for prices and further particulars. F. J. Benthey, 165 Wabash Ave., Chicago.

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Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

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Seeds, Pansy: Vaughan's International mixture, $10 per oz.; $2.50 per ¼ oz.; $1.50 per ⅛ oz.; trade packet, 50c. Giant mixture, $4 per oz.; $1 per ¼ oz.; 60c per ⅛ oz.; trade packet, 25c. Early flowering giant pansies, white, yellow, light blue, dark blue, mixed, trade packet 500 seeds, 65c; ⅛ oz., $2.50. Asparagus Plumosus, per 100 seeds, 50c; 250 seeds, $1; 1,000 seeds, $3.50; 5,000 seeds, to 10,000, $3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, Improved "Bucks' Tresco" tomato, 100 seeds, 25c; 250 seeds, 50c; 500 seeds, $1. Bucks' Tresco Tomato Nursery, Ipswich, England.

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Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

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Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beams. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, novelties in flowers and vegetables. Carter's Tested Seeds, Inc., 125 Chamber of Commerce Bldg., Boston, Mass.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

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Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seed, pansy, giant flowering, $4 per oz. Jos. H. Cunningham, Delaware, O.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Seeds. Arthur T. Boddington, New York.

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Spireas, Gladstone, 100 to case, $6. Peach Blossom, 100 to case, $7. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

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Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

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Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

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Vinca Variegata, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Vinca Var., 3x3½ pots, $5 per 100. Joseph H. Cunningham, Delaware, O.

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VIOLETS, Princess of Wales, field-grown, strong, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

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The Kroeschell greenhouse boiler, best of all for hot water heating. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

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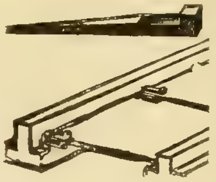

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PUBLICATIONS.

The Genus Iris, by William Rickatson Dykes; 246 pages, demi-folio, half morocco, $37.50. postage extra (weight, 11 lbs. 9 ozs.). The University of Chicago Press, 5753 Ellis Ave., Chicago.

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Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

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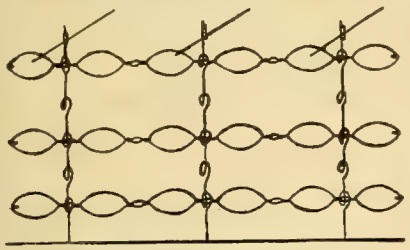

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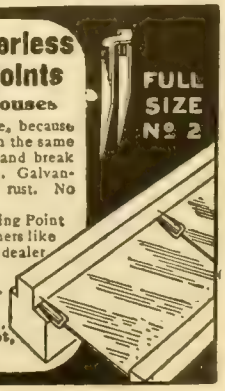

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¾-inch, per ft., 15 c
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The Best Paper Pot
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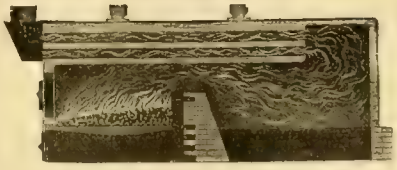

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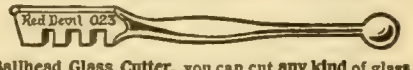

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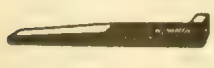

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Vol. XLIV. CHICAGO AND NEW YORK, FEBRUARY 13, 1915. No. 1393

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RECENT IMPORT DECISIONS.

United States Treasury Department.

Gladiolus Mother Bulbs.

Gladiolus bulbs, which are shown by the evidence to be mature mother flowering bulbs, that is, flowering bulbs that, planted in the ground, will produce other small bulbs, and which were imported solely for propagating purposes, are entitled to free entry under the provision in paragraph 210, tariff act of 1913, that "all mature mother flowering bulbs imported exclusively for propagating purposes shall be admitted free of duty."

The department's regulation, promulgated as T. D. 34206, instructing that free entry under paragraph 210 to bulbs claimed to be mature mother flowering bulbs imported exclusively for propagating purposes should be denied by the collector unless the invoice indicates which of the bulbs in an importation are mature mother flowering bulbs, and unless an affidavit from the ultimate consignee is submitted stating that the bulbs are imported exclusively for propagating purposes, does not preclude the importer from proving such facts before the board by other evidence.

U. S. GEN. APP'RS, NEW YORK, JAN. 29, '15.

In the matter of protests 746276, etc., of Hubert Bulb Co. et al. against the assessment of duty by the collectors of customs at the ports of Norfolk and Boston.

Before Board 3 (Waite, Somerville, and Hay, General Appraisers).

Waite, general appraiser: The importations in these cases consist of gladiolus bulbs. They were assessed for duty under the provision in paragraph 210, tariff act of 1913, for "all other bulbs, roots, root stocks, corms, and tubers, which are cultivated for their flowers or foliage, 50 cents per thousand," the gladiolus not being enumerated or otherwise described in the preceding part of the paragraph. There is a proviso, however, to this paragraph which was added to the law of 1913, changing somewhat the law of previous years. This proviso reads:

Provided, That all mature mother flowering bulbs imported exclusively for propagating purposes shall be admitted free of duty.

The importers claim these importations should be admitted free under this proviso. Testimony was given in each case which shows that the goods are bulbs within the meaning of the statute, that they are ready to flower, and that they are "mother bulbs," that term meaning bulbs which reproduce or produce other bulbs. It appears these produce others both at the upper part of the bulb itself and from the lower part, where the root of the bulb is joined to the bulb proper. The testimony clearly shows, we think, that the importations were made exclusively for propagating purposes, and there is no question but that this species of plant is a flowering plant. It appears these particular importations are ready to flower, or will flower the first year on being set out in the ground. We conclude they should be free of duty, as claimed.

In T. D. 34206 the department, in a letter addressed to the collector of customs at New York, issued instructions that free entry under paragraph 210 to bulbs claimed to be mature mother flowering bulbs imported exclusively for propagating purposes should be denied unless the invoice specifically indicates which of the bulbs comprised in any importation are mature mother flowering bulbs, and unless an affidavit from the ultimate consignee is submitted stating that the bulbs are imported for propagating purposes and are intended exclusively for such purposes. In these cases such regulation was not complied with, inasmuch as in protest 746276 the affidavit required was not furnished, and in protest 760202 the invoice did not show specifically that the bulbs were mature mother flowering bulbs.

This regulation is not provided for in the statute itself, and we think must be considered a regulation governing the action of the collector with reference to free entry of the goods. It does not, we think, preclude the importer from submitting his case to the board on proof other than that mentioned in the regulation.

The protests are sustained and free entry under paragraph 210 instructed.

Orchid Plants not Mother Bulbs.

Orchid plants, which are imported exclusively for propagating purposes, and which consist of roots surmounted by root stalks, from which grow spikes which bear flowers, these spikes being enlarged, thickened portions known as "pseudo bulbs," are not free of duty under paragraph 210, tariff act of 1913, as "mature mother flowering bulbs imported exclusively for propagating purposes," but are dutiable under the same paragraph as "orchids."

U. S. GEN. APP'RS, NEW YORK, JAN. 29, '15.

In the matter of protest 744907 of Maltus & Ware, against the assessment of duty by the collector of customs at the port of New York.

Before Board 3 (Waite, Somerville, and Hay, General Appraisers).

Waite, general appraiser: A motion made at the hearing by government counsel to dismiss the protest on the ground that the collector reported the fee was not paid on this protest, but paid on another protest on the same entry, was denied by the board in G. A. 7641 (T. D. 34927).

The commodity in question is invoiced as "30 cases living plants, each case containing 40 plants; valued per plant, 25 cents." The appraiser reports they are orchid plants and returned them for duty as orchids at 25 per cent ad valorem under the first part of paragraph 210, tariff act of 1913. Protestants claim free entry under the proviso to paragraph 210. These provisions read:

210. Orchids, palms, azalea indica, and cut flowers, preserved or fresh, 25 per centum ad valorem; * * *: Provided, That all mature mother flowering bulbs imported exclusively for propagating purposes shall be admitted free of duty.

Considerable testimony was taken, wherein the orchids are described, and from which testimony it appears that these plants are imported for propagating purposes exclusively. Samples of the imported plants were produced in evidence. They are plants consisting of the roots surmounted by root stalks from which spring the spikes which bear the flowers. The stalk from the extremity of which the flower appears is somewhat thickened and enlarged, grooved or corrugated on the outside, and is sometimes designated among botanists as a "pseudo bulb." These plants do not reproduce by means of true bulb, but are increased by a separation of the root and stalk, and reproductions of flowers are secured from sprouts or growths from the root stalk immediately surmounting the roots proper. The spike or stalk, sometimes called the pseudo bulb, and rising from the top of the plant or root stalk, never reproduces; its use, as we learn, is to store food for the plant until the spike finally dries up and disappears. The so-called pseudo bulb is in no sense a mother bulb, as we understand a mother bulb to be a bulb from which young bulbs spring, thus reproducing the mother plant.

The importations in question here are sold as plants. We learn also that they are described in commerce as plants containing so many bulbs, having reference to the pseudo bulbs. These pseudo bulbs or stalks may be entirely severed and many of them are when the plant is set out for propagation. It seems they are called bulbs and so referred to in the commercial world for the purpose of describing the size of the plant, as we learn that the plants are sold by the hundred, each plant containing two, four, or more of these stalks, spikes, or pseudo bulbs, thus describing more definitely the size of the plants in question. We are satisfied that the orchid is not a bulb botanically. Some of the witnesses were men of eminence in the botanical world, and their testimony is to that effect. Neither have these plants the appearance of a bulb or bulbous root.

The importers claim that even though these importations are not found to be bulbs they are still bulbs by reason of their commercial designation. Two witnesses swore that the trade so understood them and treated them as such in buying and selling and describing them. We are satisfied, however, that this was simply a matter of description; that these orchid roots are plants; and if the part spoken of as a pseudo bulb, the only thing that characterizes them as bulbs, had been entirely severed from the plant there is nothing to show that they would be treated in the commercial world as bulbs. Much less are we inclined to hold that they are shown to be mature mother flowering bulbs. It is true they belong to a species of flowering plants, plants which as imported are in a condition to send forth shoots which will produce flowers, but they send forth nothing which in its inception or beginning can be termed a bulb; and from our understanding of the testimony, what subsequently appears and may be termed a false or pseudo bulb can not be so designated, as it springs from the root of the plant.

We are therefore of the opinion that the testimony has not shown that these plants, either commercially or actually, should be classified as bulbs. We do not think Congress intended to include this class of roots or plants when it used the language, "mature mother flowering bulbs." We therefore overrule the protest, sustaining the classification made by the collector.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Palm Leaves and Roses.

Here is one of the everyday pieces of the shop. Just a plain arrangement of three palm leaves with spray of white roses and narcissi. Most clusters of this kind are made with two palms, but here are three, a trifle shorter perhaps, but by spreading into a sort of fan shape they admit of a quite wide cluster and support it nicely.

K.

Wreath On Easel.

Here is an example of good workmanship, a crescent form of wreath which has been well carried out in every detail, nothing elaborate, but as seen in the illustration it can be said to be complete in every respect. It is made of pink roses, white asters and

CLUSTER OF CYCAS LEAVES AND ROSES.

valley. The solid, narrow portion of white carries out the form and gives contrast to the artistically arranged pink roses in the full part of the form below. The broad green ferns in the center conceal the easel and by their rich green add to the finish of the design as a whole.

K.

Spring Flowers.

Only a short time until spring—lovers of flowers all anticipate the season, so that "I want a box of spring flowers" is a frequent order in the stores. Nicely arranged, there is nothing prettier than a box of so-called spring blossoms, such as daffodils, tulips, sweet peas, pansies, primulas, daisies, yellow and white snapdragons, pussy willows, together with a few rose buds, pink or yellow as the case may demand. It is well to have a few of these boxes on hand, made up, as when nicely arranged they are very salable. Popular sizes run from one to two dollars. Often persons just wanting a few flowers will take one of these boxes; they look so attractive. While there is not much profit in a one dollar box of flowers, it is about what many a person who is going to see a sick friend or take something in recognition of a favor, or have it sent as a bearer of congratulations or regrets, etc., would select.

Baskets of the same flowers, small tumbler baskets that sell from one to two dollars, are popular in the shopping district; a window full works off in no time. Flowering plants for gifts are also more in demand as the season advances. When the customer's mind is not fully made up, it is well to suggest this or that spring flower, which being in season are fairly plentiful, and will be pretty sure to show a good profit.

Spring flowers for table decorations are now the thing. Orchid flowered sweat peas are magnificently arranged with maidenhair ferns in vases, or handle baskets with ribbons, they make a most attractive table, as also do Golden Spur daffodils. Nothing is more beautiful than a table decorated with snapdragons. A pansy luncheon, with these tri-colored blossoms made up into baskets and also strewn on the cloth is very effective.

This is the time for week-end sales in which the spring flowers figure largely. The stores who do not feel it is beneath their dignity to sell a customer a dollar's worth of flowers can now give good value and have at the same time a fair profit. Small gift boxes of spring blossoms sent out to good or prospective customers are sure business bringers; $25 spent in this way is likely to bring more and quicker results than the same amount spent in newspaper space.

K.

Good Service.

One of the essentials in the retail florist business, a feature that adds prestige and contributes much to its success, is good service. All the other perfect qualities will not be able to overcome failure in this respect. In good service are included many things, the selecting of the flowers ordered, as well as their proper arrangement in the box, which of itself must be of a quality worthy of the flowers; it must be spotlessly clean and then filled and tied and sealed in a faultless manner. It must go out on time and reach its destination in as perfect condition as when it left the store. The address tag should be of the latest up-to-date

WREATH ON EASEL.

pattern. The conveyance, be it wagon or auto, should be bright and up to date in its appointments; as such it is a constant advertisement. An attractively designed or painted vehicle is sure to command attention, and is a great factor in keeping the name of the firm before the public.

DELIVERY.

The best delivery service demands that all the boys and drivers or chauffeurs shall be in uniform. The uniformed messenger is freely admitted to the dwelling, as he is so manifestly connected with the firm, and is therefore to be trusted. The delivery boys with their uniform and the name of the firm on their caps or their coat collars, when on the trolley or railroad train, are always quite conspicuous and help to keep, in this way, the name of the firm to the front. The uniform is also a great advantage when a customer is to be met, with a package, in a railroad station, at a hotel or other public place, the name on the cap identifying the house at once.

Quick service is greatly appreciated as it often happens that at the last moment, something is required; an urgent request is sent in and if delivery is made in time, there is great relief, and the house scores a point in its favor. On the other hand, if orders are in any way overlooked, or not fully completed, or are late in delivery, an anxious or angry voice is heard over the 'phone complaining of the poor service, which omission will not soon be forgotten.

EXPRESS AND TRAIN TIME.

A point in good service is to have the time of railroad trains and steamboats at hand for immediate reference; also all the necessary data about express deliveries, as much loss and annoyance to customers is likely to occur from late deliveries, which could be avoided by accurate knowledge in this respect. Notice by mail that flowers are on the way should always be forwarded to the address so that the parties will be on the lookout for them. Many a mistake in name and street number has been corrected in time by this advance knowledge.

Good service demands that every little detail should be looked after, good enough is far from being good service. Some florists enclose a printed slip in the box of flowers saying that "If for any reason these flowers should not be entirely satisfactory, we would consider it a great favor to be immediately notified when every effort will at once be made to correct the mistake." A slip, with printed directions for the care of cutflowers, is also another feature of good service; this should be placed in every box, and is sure to be appreciated.

DELIVERY PRECAUTIONS.

The safe delivery of foliage and flowering plants is often not given the

care necessary for satisfactory service. Nearly all stock will be the better for being fully or partially wrapped. In cold weather this is necessary to protect from frost and also at all times to protect the foliage or the flowers. It also presents a much neater appearance when properly wrapped, and is better handled by inexperienced help, either at the store or on delivery. All pots should carefully be cleaned, as to leave an ugly smudge of mud on the bottom is sure to be a cause of annoyance. In short, good service means good business, and keeping business good is that for which every live house is constantly striving.

K.

THE CARNATION.

Carnation Scoring at Buffalo.

New carnations at the Buffalo exhibition of the American Carnation Society, January 27-28 were scored as follows: Belle Washburn, shown by Bassett & Washburn, Chicago, 88 points; No. 316, shown by A. Roper, Tewksbury, Mass., 87 points. The first named was awarded the S. A. F. silver medal and the second the S. A. F. bronze medal.

The following qualified for the Dorner memorial medal competition next year: No. 53 (11) shown by F. Dorner & Sons Co., LaFayette, Ind., 84 points; Sunbeam, shown by John Steidle, Olivette, Mo., 82 points; Laura Weber, shown by Chas. Weber, Lynbrook, N. Y., 81 points; No. 316, shown by A. Roper, 87 points.

Certificates of merit were awarded to Miss Theo, shown by Littlefield & Wyman, North Abington, Mass., 85 points; No. 44 (11), shown by Littlefield & Wyman, 87 points; No. 565, shown by Wm. A. Dawson, Willimantic, Conn., 85 points; Morning Glow, shown by Edward Winkler, Wakefield, Mass., 85 points.

Culture of Exhibition Blooms.

As noted in the reports of the exhibition of the American Carnation Society, the keeping qualities of most of the flowers exhibited was a noticeable feature, taking into consideration the fact that those who had the Buffalo exhibition in charge put forth every effort to have the temperature in the rooms kept at a cool, even degree, yet it must be admitted that careful culture was the principal reason why the flowers kept so well. It could easily be seen when the flowers were first staged that they had not been subjected to any great variations of temperature or extreme feeding; the texture and substance of the petalage was very high in most of the exhibits. The flowers in some of the winning vases were not as large as some of the others, but the color and substance of flowers, and the length and strength of the stems scored nearly perfect. Rosette, Mrs. C. W. Ward, Pink Delight, Miss Alice Coombes, Gorgeous and Benora were considered in the final judging for the best keeping vase in the show. This judging took place just after noon of the last day of the show, and it took some very close scrutiny to select one vase as being better than another, or I should say worse than another, because in judging with this point in view, the object is to pick out the sleepy flowers, and the vase that has suffered the least is the winner.

The vase of 100 Rosette which won the prize came through in as near perfect condition as 100 flowers could possibly do; the judges after going over them in the most thorough manner could not find a flower that showed the least sign of being sleepy, or even a petal that was the least bruised or marred. Very few of the flowers had the appearance of being water-soaked or of having been left on the plants to develop to their fullest extent, but looked to be fresh cut stock that had not been held in water any longer than was necessary for it to stand the travel.

Even temperatures and careful watering are the two fundamental points in caring for the plants to be sure of good keeping qualities in the flowers. When the temperature is allowed to rise several degrees above the mark before reducing the steam heat or putting on the air, there is sure to be trouble from the flowers going to sleep quickly. Overfeeding with nitrogenous manure, such as bone, tankage or sheep manure, will quickly soften up the flowers. In the days of feeding the plants with liquid manure made from fresh horse or cow manure and applied with a watering pot there was very little complaint of sleepy flowers, not that we are craving for a return to those troublesome methods, but the grower who uses the highly concentrated pulverized manures of the present day, is very often not careful enough with the material he is using. This applies particularly to the dark winter months; after the days begin to get longer, with the sun in greater power, the plants will assimilate more manure without the flowers or plants suffering, the cuttings may be too succulent to root easily, but this part of the work should have been taken care of before this time arrives.

We are now approaching the middle of February, when all the propagating should be well in hand. If cuttings enough to meet the requirements are not already in the sand, then this work should be attended to without delay, as there are only three or four weeks left of this season that the cuttings will root easily; after that time considerable more care will be necessary to get a successful stand. Do not leave the cuttings in the sand after they have made sufficient roots, but pot them up without delay. The roots grow very rapidly while in the propagating bed, and if allowed to remain longer than is necessary, they very soon become wirey. Another important thing that needs the grower's closest attention is to keep the plants free of insects, which increase very rapidly at this season of the year. Watch also the young plants of the previous potting; if they need shifting up, attend to it before they become root-bound.

C. W. JOHNSON.

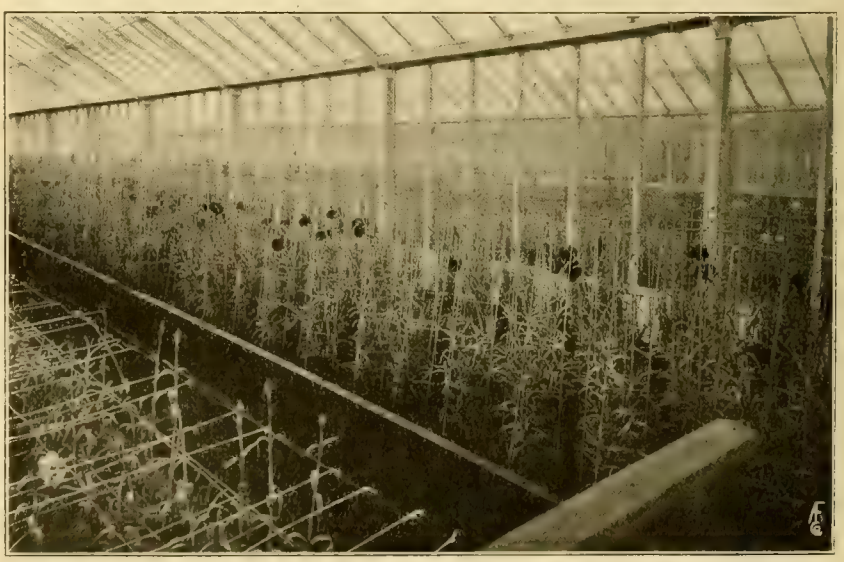
PLANT NOTES.

Early Annuals.

During the warm days of June the carnations deteriorate very rapidly and there is often a great need for some flower to take their place, and an early bench of asters is a great boon at such a time, especially for those who have a good call for funeral work. Seed planted during February and grown in pots or flats until after Easter can be then transplanted to the benches in which the Easter crops are grown and they will be in bloom at the time when most desired. A good strain of early flowering varieties, either Comet or Victoria, should be selected and with good care a paying crop is assured. A sowing of candytuft by March 1 will also produce plants that can be benched after Easter in the same manner and a good cut for Memorial day be had. The strains of White Giant candytuft now offered make splendid spikes for the filling in of sprays at that great flower day. There are many annuals that can be grown for early spring blooming that are greatly appreciated by the trade, among which might be mentioned calendulas, nasturtiums, scabiosa, sweet sultans and bachelor's buttons.

Dahlias.

The forcing of early dahlias has been practiced successfully by growers the last few years, and roots started at this time will produce flowers for Decoration day and during June. A good deep bench, in a house not too warm, should be selected, and while the plants



CARNATION KEOKUK.

At the Iowa Agricultural College, Ames, Iowa.

are great feeders in the open ground, it is better not to have the soil too rich in the houses, for the plants grow very tall inside, and with a rich soil make a strong, rampant growth, which will not bloom as early. They can be fed when the buds begin to form by giving them a mulch of half-decayed manure, which will materially assist the flowering and also provide a covering that will prevent evaporation. They will require but little attention except that long, strong stakes will be necessary to keep the plants growing erect, to which they should be firmly tied, and then disbudding to produce the better blooms. Any varieties of which it is desired to increase the stock can be planted in the house and the young growths made into cuttings, which root easily at this time.

MORRIS & SNOW SEED CO.'S STORE, LOS ANGELES, CALIF.

Marguerites.

As the warm days of spring approach the marguerite plants will bloom profusely and those in pots will have, to a great extent, exhausted the plant food in the soil, so to keep up the size of the flower and length of stem watering with liquid manure will be necessary. Liquid cow manure can be safely used in frequent waterings with no danger of any injury if the plants are in a healthy condition. The flowers should be cut daily and placed in water; they will keep much longer than if allowed to remain on the plants, where they quickly fade if not picked when the warm spring days come on. This should be prevented, for it not only gives the plant an untidy appearance but takes the strength of the plant and the following flowers are often much shorter in stem. A few well bloomed plants are very decorative at Easter, especially in churches where they make a splendid showing. Propagation for next year's stock should now be carried on; the cuttings root easily and there are plenty to be obtained at this time. As soon as rooted they should be grown on in good soil, and to secure the best results another year given the best of culture.

Azaleas.

The azaleas for spring flowering and Easter will soon need attention. If they have been in cold pits they should be brought into cool houses, and those that have been kept in cool houses will need spacing out and a careful going over. March and April being nearer their natural time of blooming than those brought into flower early in the winter, the plants will not have to be forced as hard and are much better brought along in a cooler temperature. The plants, however, that bloom later will require more attention, especially in regard to pinching out the soft growths that start around the cluster of buds. This should be done as early as possible and with great care, so as not to injure or break the buds. These soft growths grow very rapidly at this time and if they attain any length, quickly draw the nourishment from the stem and blast the buds, so it will require constant attention to keep them pinched off. They should be looked over at least once a week and all young shoots removed. Give the plants plenty of room so as to allow a good circulation of air, that the plants can dry off after syringing. These plants are often crowded together as closely as possible, but this invariably results in the loss of much foliage and the plant grows out of shape.

What to do with the plants that have flowered is often a question. Many growers assert that a better and earlier plant can be produced the second year than can be bought abroad and imported, but to do this the plant must be given good culture and not placed in some out-of-the-way corner where it suffers for lack of air, light and water. Whatever trimming into shape the plant requires should be done now, and the plant given an opportunity to start a new growth. As early as it is safe from all frosts the plants can be plunged outside in a frame and during the summer a mulch should be spread over the soil to prevent too much evaporation. Frequent syringings may be required during hot weather to keep down red spider, these plants being quickly infested with these insects in certain locations and they quickly ruin the foliage. Like all hard-wooded stock, be sure they do not get dry. They do not show it as quickly as the soft-wooded plants and often when it is seen it is too late to remedy the injury done.

Cannas.

One of the most decorative beds for summer, especially if it is of large size, is a bed of blooming cannas, for they are very showy and will bloom throughout the summer until frost cuts them down, and the varieties have been greatly improved during the last decade. To make the best showing the plants should be started early enough to have good strong stock at bedding-out time in May and June. The plants should be started by March 1 and now is the time to procure stock of varieties of which the grower is short or which he has not on hand. The clumps when removed from the winter storage should have all the old soil shaken off, the dried up stalk and roots cut away. They are then cut up into small pieces and if the stock is plentiful two or three eyes can be left to each piece, but where stock is short they are cut up to single eyes although with single eyes many weak plants will be produced. Often the clumps have started into growth and where this has happened the eyes should be sorted, those already started being planted together and the dormant eyes by themselves. Have boxes all ready and place an inch of soil on the bottom and then place the divisions on this closely together and cover with light, sifted soil and

FRESNO NURSERY CO.'S PACKING YARD, FRESNO, CALIF.

then water thoroughly. Keep the varieties separate and properly labeled, each box to contain but one variety and the name plainly marked on the box, for labels are often lost or misplaced. Place the boxes in a warm location—where hot water heating is used they can be placed on the return pipes. In two or three weeks the plants will have made sufficient roots to be placed in 3½ or 4-inch pots, when they can be grown on in a house with a temperature of 50° to 60°. In planting cannas outside it should always be remembered that they are very tender and should not be set out until all danger of late frost is past.

WITH THE GROWERS

The E. G. Hill Company, Richmond, Ind.

Visitors are always welcome at this famous establishment, and a visit at this season of the year will well repay the outlay. Roses form an important part of the stock grown, and at the present time are in healthy, vigorous growth. Naturally the novelties are always the the chief attraction, the varieties Hoosier Beauty and Ophelia now claiming much attention. We found Hoosier Beauty occupying the best part of two long benches, looking in fine shape from every point of view—clean, healthy plants, throwing up long, stout, flowering stems and carrying buds and flowers of fine form and beautiful color. This variety has every appearance of being a good addition to our list of standard forcing roses, taking the flowers as seen growing on the plants at Hill's for an example. They are sure to be popular with the flower buyers, and it is our candid opinion that Hoosier Beauty will prove to be one of the best roses for the benefit of the grower that has been sent out for a long time.

Ophelia, the handsome salmon flesh-pink rose, has already won its way into the favor of both the retail florist and the grower, and will be planted in large quantities the coming season. As seen here the stock is in excellent condition, large numbers of young plants being worked up to meet the heavy demand. Be sure and do not overlook Ophelia when figuring up your rose plantings. Everything known to the experienced propagator is provided for at this establishment to turn out the young stock in the best possible condition. A number of men were busy grafting roses; a large stock are already in boxes, and the earlier grafts were being transferred from the boxes to the bench, having taken hold in excellent shape.

Passing from the rose houses, we enter a section devoted to stock chrysanthemums for propagating purposes. As good a space as is to be found on the place is given over to these plants, and the endless number of strong, healthy cuttings coming along is positive proof of the wisdom of this method. To look over the immense quantity of cuttings already in sight on these benches, one is very apt to wonder where the demand is coming from for all of this stock; big sections of White and Yellow Eaton, White and Golden Chadwick, Chieftain, Wm. Turner, White Chieftain, Dorner's Early Frost, Alice Salomon, Salomon's Gold, and all the up-to-date commercial and exhibition varieties, together with the singles and pompons.

The houses of carnations in full bloom were the next to attract our attention, and they were in fine condition all the way through. White Wonder and White Enchantress are the leaders in quantity in the whites, and several benches of White Wonder were looking extremely well—strong, stiff stems and fine, large, well formed flowers. A bench of the new white, Matchless, also was in fine shape; not a bursted calyx could be seen, and the flowers are of the largest size. It is not so quick to come into bloom as White Wonder or White Enchantress, but the flowers are of a higher grade and will be grown in increased quantities another season. Pink Delight is here, represented by as fine a lot of plants as is to be seen in the west, the western growers not having mastered its requirements as have the eastern growers, but Mr. Hill says that it always has done well with them, and these plants certainly bear him out. Benora is another variety that seems at home here, a big lot of high-grade flowers being in sight. Gorgeous is the tall growing variety on the place, and an extra tier of supports has already been put on to carry its long stems. Champion has done well, and in another season will, to a great extent, displace Beacon and be the leading red. Pocahontas is grown as the leading crimson, and Yellow Prince for yellow, both being in first class condition. Mrs. C. W. Ward is grown quite largely, but we noticed the same trouble here as at many other places in the central west: many of the flowers are streaked and quite a lot have bursted calyces. Enchantress Supreme is rapidly pushing aside the old favorite Enchantress, and as seen here is much more desirable. Several seedlings are on trial in different stages of development, some in their first year, others in their second and some in larger quantities.

The E. G. Hill Company have another greenhouse establishment away from their main place, which is given over to carnation plants for cuttings only; these plants are not allowed to flower, all their energy being devoted to producing cuttings. To look over these benches is like looking over a good size field of plants. They are cared for regularly, the same as the plants producing the cut flowers, and when a batch of shoots are fit they are taken off and sent to the propagators. The plants are in the best of health, and many thousands of cuttings are now ready to be taken off.

Fred H. Lemon & Co., Richmond, Ind.

We could not leave Richmond without looking up our old friend Fred Lemon. We found the force at the flower shop in the midst of making up a casket blanket and other floral pieces for a funeral, having had a very busy day with this kind of work. Out at the greenhouses, Fred was getting next to the trouble with the steam pump, and at the time of our call was just finishing up.

A general line of stock is grown here to supply the store, and what surplus is left beyond this requirement is consigned to the market. We noticed some very well grown plants of Primula obconica and P. malacoides, and some well-flowered cyclamens. The roses here were in first-class condition, some benches of White Killarney and Pink Killarney being especially fine. A bench of Ophelia, with the flowers left on to ripen up the wood for propagating, was a particularly fine show and gave us a chance to see the flowers of this new rose in the different stages of development. Most of the roses at this establishment were heavier in crop at the time of our visit than the others seen in our travels. The heavy demand now on for carnation blooms is keeping the crop cut up close, every available flower being called for the day we were there. Sweet peas and bulbous plants are also grown for the store trade, and considerable space is given over to growing green for floral work.

Fred Dorner & Sons Co., La Fayette, Ind.

The firm of F. Dorner & Sons Co., so long noted as the raisers and introducers of some of our best American carnations and chrysanthemums, are now branching out by entering the field of raising new roses, and as a starter are introducing to the trade their well named seedling, Hoosier Beauty, the plants of which at the time of our visit were in excellent growth. They have attained somewhat a taller growth than the E. G. Hill Co.'s plants, due to their not having been cut back as hard, but lots of flowers on long stems were in sight. The freedom of flowering appears to be one of the principal qualities of this new rose. A house of late planted stock on their own roots was a good demonstration of what can be done with this rose. Planted in September, the plants have made wonderful growth, and at the time of our visit were in fine growth and crop. A large stock is being worked up to meet the call for young plants, and every care is being taken to produce first-class young stock, both on their own roots and grafted, so that the grower who purchases this stock will not have any reason for complaint. Those that are already worked up into pots are in a healthy growing condition and the other roses on the place are all doing well, several seedlings being under trial to determine their qualities.

Carnations more than any other flower have made the name of Dorner so well known throughout the trade, and it is always interesting to visit this establishment and get a first hand look over the novelties and note their habit of growth. The two novelties being sent out this season are being grown in large numbers. Pink Sensation will be a fine addition to our list of varieties for high grade blooms, for size, color and form. It is a queen among carnations and has a strong stiff stem to carry the flower erect; it may not bloom as free as some of the varieties with smaller flowers, but sizing up the plants as they look on the bench, Pink Sensation appears to be remarkably free for so large a flower. Good Cheer might well be termed Pink Wonder; it has every indication of being one of the best varieties that the Dorners have sent out. As seen growing on the benches, among the standard varieties, receiving the same treatment, it looms up in grand shape, a fine rose pink with long stiff stems, very free in blooming and an excellent grower. Champion as seen here showed the signs of having produced a heavy crop, but there were quite a number still in sight. A salmon sport of Gloriosa showed a remarkable difference in the foliage of the plant, something unusual in a sport. A very large number of seedlings in their second and third year trials were being tested out to see if they would come up to

the standard for distribution. A few of them by their present appearance will evidently pass the critical test, while a greater number will be discarded, the standard of today being so high it takes a mighty good one to pass muster.

Besides the roses and carnations, quite a large list of miscellaneous plants are grown to take care of the retail trade. The geraniums and other bedding stock for spring trade were

C. W. JOHNSON.

Statistics and Facts.

Look on this picture painted by the department of agriculture as a result of investigation into farm incomes:

The average farmer receives little more money for his year's work than he would be paid if he hired himself out as a farmhand. In other words, though he is in business for himself he gets little or no money reward for his labors and the risk and responsibility he has assumed.

Now look on this picture drawn by an exhibitor at the automobile show:

There are approximately 1,500,000 cars in use in the country, representing a cost of about $1,500,000,000. The average value of a new automobile is $980. One-half of all the automobiles in this country are owned by farmers.

So much for the agricultural department's average farmer in the abstract. The real farmer is "something else again," and the motor car salesman knows his own. For the purposes of income taxation the farmer is hard up, but the dealers in devil wagons are the best detectives of solvency that the world has ever seen.—New York Sun.

San Francisco.

TRADE IS VERY SATISFACTORY.

There has been no very noticeable increase in business since last week. Stock of nearly all sorts is being absorbed readily owing to the short supply. There is a scarcity of the Mrs. Russell rose, which has become one of the most popular and best sellers among the rose family. A great many more of this variety could be used, but they are not to be had. The long, continuous dark spell has taken the color out of the Pink Killarney and its sports. However, owing to the short supply they move readily. Cecile Brunners are very hard to get and are bringing 25 cents per dozen. Violets are in over supply, no reasonable offer being refused. The street vendors use enormous quantities daily. Freesias are in good demand, the best bringing $3 per 100, which is considered a very good figure. There are plenty of Romans to be had, the price being from $2 to $3 per 100. Lily of the valley is none too plentiful and whatever stock arrives is snapped up without delay. Carnations are still holding up in good shape at from $2 for medium to $3 for the best. Very few of the winter flowering sweet peas are in evidence as yet, owing to the absence of sunshine. Good ferns are not as plentiful as heretofore, but there is plenty of all other greens. There is a steady demand for all kinds of pot plants, particularly the different nephrolepis.

NOTES.

February 25 has been selected as San Mateo County day at the exposition. As this county produces nearly all the violets for this market and the northwest, it has been planned to give a "violet" ball in the Auditorium on that evening. All the decorative schemes are to be carried out in violets and each guest is to be presented with a large bunch of violets at the entrance of the Auditorium. Very few people have any idea of the extent of this business as carried on in this county out of doors. Thousands of dozens of bunches find their way to this market daily and from this city are distributed throughout the west.

Geo. W. Kerr, of W. Atlee Burpee & Co. of Philadelphia, Pa., was a welcome visitor during the week. This is Mr. Kerr's first visit to this city and he was greatly impressed by the possibilities open to all horticulturists in this state. He is making arrangements for W. Atlee Burpee & Co.'s exhibit of sweet peas at the exposition in June. It is said this will be one of the finest exhibits of sweet peas ever shown at a world's fair. After a tour of the Burpee seed farms at Lompoc next week, Mr. Kerr will depart for home. We hope he will come again and see us.

The exhibit of the Chinese republic arrived in the city yesterday on the Russian steamer Garoslaol. This is the most comprehensive exhibit of Chinese plants that has ever reached this country. The shrubs and plants will be planted in the beautiful Chinese garden surrounding the Chinese pavilion. Much landscape work already has been done and the additional shrubs will make it one of the beauty spots of the state and foreign pavilion area. The Chinese government sent their own landscape gardeners to plant and arrange the exhibit.

E. W. McLellan, accompanied by his wife, have returned from a very extended trip throughout the northwest and British Columbia. It might also be added that at the McLellan range at Burlingame one can see the Mrs Chas. Russell rose at its best. This firm has been particularly successful with this variety and is sending in fine stock to its wholesale store in this city. Mr. McLellan reports business as very satisfactory from the grower's point of view.

The San Mateo commission of the world's fair are interviewing the different growers with a view of setting aside one day at the Palace of Horticulture for each flower grown commercially, such as one day for roses, another for carnations and so on. This idea is meeting with the hearty support of the majority of the growers. It is a good idea and we hope it will materialize.

A visit to the ferneries of H. Plath shows this place in its usual splendid condition. There are very large quantities of Asplenium nidus avis, which Mr. Plath says is a great seller with them. The adiantum and nephrolepis houses were looking fine, as also were the different palm houses. Mr. Plath is the largest grower of this class of stock on this coast.

The many friends of Wm. S. Rennie of Ross are gratified to hear that President John W. Everitt, of the National Association of Gardeners, has appointed him a member of the national co-operative committee. Mr. Rennie is well qualified for the honor and we may expect to hear great things of him during the convention next August.

Carl Purdy, of Ukiah, has been appointed by the exposition directors to the position made vacant by the resignation of Wm. Plumb of New York. Mr. Purdy is well known as a nurseryman and plant collector in this state for years. He has already entered upon his duties at the exposition grounds.

Podesta & Baldocchi are making a grand display of orchids in their store on Grant avenue. They are also using the daily papers, impressing upon the public that they specialize in this flower. Pelicano, Rossi & Co. are also very large handlers of orchids, both in plants and cut blooms.

The multitude of friends of Edwin Lonsdale, who is now at the Burpee farms at Lompoc, will be pained to hear that there is little or no improvement in his condition. He is still confined to his bed, but we all hope that ere long he will be himself again.

Henry Goertzhain, of Redwood City, has purchased a large tract of land near the town of Leland, adjacent to Palo Alto, which at some future date he intends to devote to his increasing cut flower business.

The splendid collection of plants and palms which constitute the Cuban exhibit are now in place. M. McKenzie, who went to Cuba for the collection, has not been in the best of health since his return.

H. McLean, late of British Columbia, has joined the greenhouse staff at the exposition grounds. Wm. Hill has resigned his petition there and has gone with E. C. Bowles at Berkeley.

H. Hefly has resigned his position with M. H. Ebel, of Sacramento, and is in town again.

G. N.

OBITUARY.

Jesse E. Northrup.

Jesse E. Northrup, for many years head of the firm of Northrup, King & Co., Minneapolis, Minn., and one of the best known seedsmen in the United States, died at his late residence in that city, February 4, at the age of 58 years. He had been in poor health for some time and practically retired from active business life two years ago.

Mr. Northrup was born in Saline, Mich., and after completing his education entered the seed trade in the east. In 1884 he located in Minneapolis, and in partnership with the late Chas. P. Braslan and A. H. Goodwin, formed the Northrup, Braslan & Goodwin Co., the foundation of the present firm of Northrup, King & Co., the late Preston King becoming a partner in 1896, when the title was changed.

For more than 25 years Mr. Northrup had been a recognized leader in the promotion of seed interests and few men have been so long continuously and actively identified with the seed trade of the United States. For that reason he had a country-wide acquaintance in the trade and was highly esteemed. He was prominent in the affairs of the American Seed Trade Association, served as its president in 1901-1902, and his counsel was at all times sought and estimated highly in measures tending to promote the welfare of the national organization and the advancement of the seed business generally.

As a resident of the city of Minneapolis for 30 years, he held an enviable position among its public-spirited citizens. He was prominent in all civic affairs, in the business world and socially. The business he founded has prospered until it has left a lasting impress over a territory embracing most of the northwest, and bespeaks his sterling business qualities. In the magnificent Minneapolis park system, for the upbuilding and improvement of which he worked indefatigably, giving liberally of his time, serving as a member of the board of park commissioners for 18 years, a large part of this time as its president, he leaves an enduring monument to the rare power of human sympathy and service that won for him public and private esteem and affection. In his business associations, his clubs, his church, and his civic relations, he was recognized as a strong figure. While gentle of manner, he had executive ability to put into motion and carry to completion broadly conceived ideas in whatever field of activity his mind worked.

He was buried from the family residence Saturday, February 6. Floral offerings in profusion, tributes of esteem from a host of friends in all walks of life, bore evidence of the loss caused in his passing.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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WE are in receipt of the proceedings of the thirtieth annual convention of the Society of American Florists, held at Boston, Mass., August 18-20, 1914. a book of some 350 pages, with illustrations and maps.

Pruning Shears.

The controversy with regard to duty on imported pruning and other shears and the inability of foreign manufacturers to fill orders for such goods need not bother the American trade when it is possible to secure the superior article in pruning shears offered in the very complete and varied set made by the Peck, Stow & Wilcox Co., the well known tool manufacturers of Cleveland, O. These pruning shears are offered in more than a dozen sizes and patterns at very attractive prices.

Florists' Telegraph Delivery.

There will be a meeting of the directors of the Florists' Telegraph Delivery at the La Salle hotel, Chicago, March 2, at 10 a. m. Members are invited to attend this meeting if possible. ALBERT POCHELON, Sec'y.

Society of American Florists.

President Patrick Welch has appointed J. G. Esler, Saddle River, N. J., state vice-president of New Jersey in place of Joseph A. Manda, who declined the appointment.

The president desires to notify all persons interested in the prize contest that the rules to govern the same are changed to read as follows:

First—Anyone desiring to enter the contest must first register by sending his or her name and address to the national secretary, John Young, 53 West 28th street, New York, as early as possible, who will forward application blanks immediately.

Second—The contestants must forward to the secretary as received a list of the new members secured, accompanied by fee of $5 for each annual member and $30 for each new life member. Each annual member shall count one; each life member shall count six.

Third—The secretary will publish a list of the new members thus secured, and of the contestants, thus securing them in the trade papers weekly. On July 31, 1915, at 6 p. m., the candidate having the largest number of names to his or her credit shall be declared the winner. (Contest closes at 6 p. m. sharp at the secretary's office in New York. Applications for membership sent by mail and received after that hour will not be counted.)

Fourth—The prize to be selected by a committee of three, two appointed by the president of the society and one by the winner. The president's gold watch and chain, value $150, is the prize, but if the winner prefers, the same value will be offered in something else—that is optional. $150 in gold, if preferred.

JOHN YOUNG, Sec'y.

Birds Check Wireworm's Depredations.

Birds are probably the most important factor in restricting the depredations of wireworms, according to the United States department of agriculture's new bulletin (No. 156), "Wireworms Attacking Cereal and Forage Crops." While this bulletin is a "professional paper" and goes into great detail regarding the life history and habits of these pests, it also suggests a number of practical methods for checking or eradicating this menace to such crops as wheat, cotton and corn.

Among the birds that are known to feed on wireworms (either the larvae that do the damage, or the adult beetles) are the following: Bobwhite, flicker, mourning dove, ruffed grouse, crow, whippoorwill, California quail, cowbird and bobolink. Besides these, certain hawks, cuckoos, woodpeckers, phoebes, fly-catchers, jays, blackbirds, orioles and sparrows help the farmer in protecting his grain from the undesirable wireroom.

The true wireworm, economically, is one of the five worst pests that attack Indian corn. It is among the twelve worst pests attacking wheat and oats. With the exception of the cotton and corn wireworm these insects begin their attacks immediately after seeding time, when they attack the seed, eating out the inside and leaving only the hull. When they are very numerous they often consume all the seed, making reseeding necessary, and in severe outbreaks a second reseeding is sometimes made before a stand is obtained. The only remedies which have actually proved to be of practical value in combating any of the wireworms are cultural methods. Even these in a number of cases have not proved entirely satisfactory; however, they are preferable to such apparently ineffective means as endeavoring to kill the adult beetles by poison baits, drying the seed to prevent its being eaten by the insect, or the introduction of poisonous substances into the soil.

Massachusetts Agricultural College.

A conference on garden planning and planting was conducted by members of the college staff January 30 under the auspices of the Massachusetts Horticultural Society in Horticultural hall, Boston. In the morning talks were given on "Trees and Shrubs for Home Grounds" by Prof. A. K. Harrison; "Garden Planting" by P. H. Elwood, Jr., and "Garden Furnishing" by Prof. F. A. Waugh. The afternoon program consisted of talks by Prof. A. H. Nehrling on the "Practical Management of the Home Flower Garden" and A. S. Thurston on "Annuals and Herbaceous Perennials." The latter followed his talk with a set of lantern slides showing gardens and also some of the better perennials.

During farmers' week at the college, two days, March 16-17, will be entirely devoted to floriculture. On these dates several prominent floriculturists will speak. In connection with this series of lectures a spring flower show, occupying the entire first floor of French hall, will be held.

The short course in floriculture has been in progress since the first week in January. Fifteen students are enrolled, the registration having been limited to this number in order that more personal supervision might be given and more efficient work done. Several observation trips to commercial greenhouses are included in the course. Two seminars are being given this semester for the regular college students, one in commercial floriculture conducted by Prof. Nehrling and one in plant materials for garden work by A. S. Thurston.

San Francisco Bowling.

M. C. Ebel, of the Aphine Mfg. Co., Madison, N. J., has advised Vice-president D. MacRorie that his company will donate a bowling trophy for the highest individual score bowled at the coming San Francisco conventions. The actual value of the trophy will be $100, and will be engraved as follows:

Trophy of
Aphine Manufacturing Company
For Highest Individual Score
Bowled at
Panama-Pacific International Exposition
San Francisco, Calif., August, 1915
By a Member of
Society of American Florists and O. H.
National Association of Gardeners
American Association of Park Superintendents

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Club Meetings Next Week.

Detroit, Mich., February 15, 8 p. m.—Detroit Florists' Club, Bemb Floral hall, 153 Bates St. R. H. Wells, secretary, 827 Canfield street, Detroit.

Montreal, Que., February 15, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette street, Montreal.

Boston, Mass., February 16, 8 p. m.—Gardeners' and Florists' Club of Boston, Horticultural hall. W. N. Craig, secretary, Faulkner Farm, Brookline, Mass.

Lake Geneva, Wis., February 16, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Wm. H. Griffiths, secretary, Lake Geneva.

Minneapolis, Minn., February 16, 8 p. m.—Minneapolis State Florists' Association. Gust Malmquist, secretary, Fair Oaks, Minneapolis, Minn.

Toronto, Ont., February 16, 8 p. m.—Gardeners' and Florists' of Ontario, St. George's hall, Elm street. Geo. Douglas, secretary, 189 Merton street, Toronto.

Newark, N. J., February 17, 8 p. m.—Essex County Florists' Club, Kreuger Auditorium, 25 Belmont avenue. John Crossley, secretary, 37 Bellevue avenue, Newark, N. J.

New Orleans, La., February 18, 8 p. m.—New Orleans Horticultural Society, Association of Commerce building, corner St. Charles and Common street. C. R. Panter, secretary, 2320 Calhoun street, New York.

Tacoma, Wash., February 18, 8 p. m.—Tacoma Florists' Association, Maccabee hall, Eleventh and C streets. F. H. Atchison, secretary, South Fiftieth and East F streets, Tacoma.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Good all around storeman, Chicago or vicinity preferred. Address Key 479, care American Florist.

Situation Wanted—Work in greenhouse by a young Dane, seven years' experience, can do all kinds of floral design work. References furnished, A. MENGEL, 66 High St., Oshkosh, Wis.

Situation Wanted—As superintendent or head gardener; age 33, married, no children; thoroughly competent to take charge of greenhouses, vegetable gardens, choice fruits, lawns, etc. Address RUDOLPH VON DER RUHR, 6 Crown St., Webster, Mass.

Situation Wanted—By a competent florist and landscape gardener, with 25 years' experience and first-class references. Graduate of horticulture college and floriculture course; age 40, married, sober, and absolutely trustworthy. Address GARDENER, 1099 North Ave., Hubbard Woods, Ill.

Situation Wanted—For March 1st, by a practical all-around grower, competent to produce first-class stock and manage any kind of place. Commercial or private institution. Strictly honest, sober and reliable. Best references. State particulars. Address, Key 415, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience. OSCAR WERNER, 605 Main St., Petaluma, Calif.

Situation Wanted—As head gardener, florist, superintendent of private place; English, age 36, married, one child, age 9; life experience in all branches; hothouse grapes, peaches, melons, mums, carnations, roses, palms etc., vegetables, hardy fruits, perennials, trained fruit trees, and the general routine of a well kept place; 24 years on best estates; long references from this country and England. Please state wages in first letter. Address Key 476, care American Florist.

Help Wanted—Lady experienced in all lines of retail work for first-class store; references. SCHLURAFF FLORAL CO., Erie, Pa.

Help Wanted—A first-class, reasonable-priced florist and designer; one capable of growing a kinds of stock for small greenhouse; state wages HARVARD GREENHOUSE Harvard, Ill.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

For Rent—Desirable location or reta florist Lease expiring soon. Apply T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted To Rent—Party wants to rent three or four small greenhouses with right of buying. State terms and purchase price in first letter. Address Key 468, care American Florist.

FOR SALE.

Large range of greenhouses near Chicago; $10,000 down and the balance on easy payments. Don't answer unless you have the necessary wherewithal and mean business. Address

Key 480, care American Florist.

Landscape Business and 18,000 ft. of glass for sale

in Chicago's richest suburb. Greenhouses are well stocked with plants, and three acres of valuable land are included in the deal. Splendid opportunity for a live man with some capital to take over an established business. For further particulars, address

Key 478, care American Florist.

WANTED

Leading Chicago wholesale florist wants to rent 100,000 feet of glass or more in the vicinity of Chicago. Will take immediate possession if place is in good condition and the stock will bear inspection. Answer immediately. Address

Key 477, care American Florist.

Situation Wanted.

As Manager or Foreman by a practical grower of cut flowers and plants; over 30 years experience; single; a capable superviser. Commercial or institution. Excellent credentials. State wages. Address,

Key 469, care American Florist.

Wanted--Rose Grower

To work under foreman. Must come well recommended and be a thoroughly experienced man. Good wages to right party. Apply

SINNER BROS.,
56 East Randolph St., CHICAGO

LANDSCAPE ARCHITECT

Practical landscape gardener and nurseryman with college training; experienced in drawing, surveying, laying out, grading, road construction, planting, natural wood work, etc., etc.; best experience in nursery and perennial garden; wishes steady position with city, cemetery or leading landscape firm; able to handle help and take full charge of department; state full particulars in first letter. Address

Key 414, care American Florist.

Civil Service Board

West Chicago Park Commissioners

The Civil Service Board of the West Chicago Park Commissioners will hold the following examination on the date and at the place given below. Application blanks may be obtained at the office of the Board in Union Park or at the West Park playgrounds.

Examination No. 146.

FLORIST, Class G, Grade II, Division Z. Pay 28⅛c per hour to $85.00 per month. Original Entrance. To be held February 24, 1915, at 9:00 a. m. at the Garfield Park Pavilion. Applications must be filed in the office of the Board in Union Park before 5:00 p. m. of February 23, 1915.

Subjects Special Subject, weight of 5; Experience, weight of 3; Physical, weight of 2.

Special subject; An oral and a practical test in exhibition greenhouse work and written questions on the care and propagation of plants and on general greenhouse operations.

The duties of Florist are general work in the conservatory and propagating houses and in the outdoor gardens throughout the System.

January 28, 1915.

FRED. G. HEUCHLING,
Superintendent of Employment.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

New 1914 Edition. **Price $3.00, Postpaid.**

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

POEHLMAN

72-74 E. Randolph St.,

BIG SUPPLY OF

Fancy Red, Pink, White Carnation

Tulips, Fancy Pink, Red and Yellow.

Fancy Sweet Peas and Princess of Wales Violets.

Killarney-White Killarney-Killarney Brilliant-Killarney Queen

Cattleyas--Valley--Daffodils--Jonquils.

PRICE LIST—In Effect February 15.

Orchids.	Per Doz.
Cattleyas	$4.00 and $6.00

Beauties.	Per Doz.
Specials	$6.00
36-in. long	5.00
30-in. long	4.00
24-in. long	3.00
18 to 20-in	2.00
Short	per 100, 8.00 to 10 00

Roses.	Per 100
Hadley	$8.00 to $18.00
Shawyer	8.00 to 18.00
Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen — Ex. long	$15.00
Long	$10.00 to 12.00
Medium	8.00
Short	4.00 to 6.00

Roses—Continued.		Per 100
Killarney, White Kill., Aaron Wards — Ex. long		$10.00
Long		8 00
Medium		6.00
Short	$4.00 to	5.00
Russell—Ex. long, 30 to 36 in.		35.00
" Long	20.00 to	25.00
" Medium	15.00 to	18.00
" Short	6 00 to	12.00

Carnations.	Per 100
Medium	3.00
Fancy	4.00

Lily of the Valley.	Per 100
Extra Fancy	$ 5.00
1st Quality	4.00
2nd Quality	$2.00 to 3.00

Miscellaneous.	Per 10
Jonquils and Daffodils	
Paper Whites	
Sweet Peas	$1.00 to
Freesia	
Tulips	3.00 to
Easter Lilies	
Violets, double	0.75 to
Violets, single	
Mexican Ivy	
Smilax	per doz., $2.00
Sprengeri-Asparagus	2.00 to
Asparagus Plumosus, string, 50c.	
Leucothoe	
Adiantum	.75 to
Galax, bronze and green	per 1000,
Eastern Ferns	" "
Boxwood	per bu., 25c, per case,

SUPPLY DEPARTMENT.

SPECIAL CHIFFON PRICE

2 inch waterproof, 2 cents per yard; 4 inch plain, 2½ cents per yard; 6 inch plain, 3½ cents per yard.

GREEN BAMBOO CANE STAKES

1 foot, per 1000, . .	$1.10	2½ feet, per 1000, . . $3.00 | 3½ feet, per 1000, . . $
2 feet, per 1000, . .	2.50	3 feet, per 1000, . . 3.50 | 4 feet, per 1000, . .

Very slender. Just what you want for Easter plants.

WIRE HANGING BASKETS. 10 inch, $1.65 per doz.; 12 inch, per doz., $2.00; 14 i $2.50 per doz.; 16 inch, $3.00 per doz. Cash discount.

RUBBER HOSE. If you want a good hose try our Roxbro (Noxall). It serves us to satisfaction at our greenhouses. ¾ inch, per foot, 18c. Cut and coupled any lengths.

We handle the Goodrich greenhouse house. Factory prices.

SHEET MOSS.

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g Distance Phone, Randolph 35.

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WESTERN PALM HEADQUARTERS

rgest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

				Each
pots,	5 to 6 leaves,	18	in. high	$0.35
pots,	6 to 7 leaves,	24	in. high	1.00
pots,	6 to 7 leaves,	28 to 30	in. high	1.50
pots,	6 to 7 leaves,	32 to 34	in. high	2.00
pots,	6 to 7 leaves,	40 to 42	in. high	3.00
tubs,	6 to 7 leaves,	40 in., heavy		3.50
tubs,	6 to 7 leaves,	42 to 44	in. heavy	4.00
tubs,	6 to 7 leaves,	45 to 48	in. heavy	5.00
tubs,	6 to 7 leaves,	58 to 64	in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

pots,	5 to 6 leaves,	18 to 20	in. high	0.35
pots,	5 to 6 leaves,	28 to 30	in. high	1.00
pots,	5 to 6 leaves	34 to 36	in. high	1.50
tubs,	6 to 7 leaves,	46 to 48	in. high	3.50
tubs,	6 to 7 leaves,	50 to 54	in. high	5.00
tubs,	6 to 7 leaves,	5 to 5½	ft. high	8.00
tubs,	6 to 7 leaves,	6 to 6½	ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
pots,	3 plants in a pot,	28 in. high	$1.50
pots,	3 plants in a pot,	36 to 38 in. high	2.50
tubs,	4 plants in a tub,	38 to 40in. high	3.00
tubs,	4 plants in a tub,	38 to 44 in. high	3.50
tubs,	3 plants in a tub,	48 to 54 in. high	5.00
tubs,	4 plants in a tub,	52 to 56 in. high	6.00
tubs,	4 plants in a tub,	5 ft. high	8.00
tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
tubs,	4 plants in a tub.	6 ft. high	12.00

strong specimens, in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1 25
7-in. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 40 cents.
7-in. pots 22-in. high 30-32-in. spread.....$2.00
7-in. pots, 26-in. high 34-36-in. spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

5 inch, each	$0.25	per doz	$ 3.00
6 inch, each	.50	per doz	6.00
7 inch, each	.75	per doz	9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties, from 65c to $3.00 each in bloom.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2.50 each.

Cyclamen

In bloom, 5-in. at 35c and 6 in. at 50c each. Mostly light colored plants with carmine eye.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in., $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants. $1.50 to $2.00 each.

Aspidistras

Green, 5-in. pots, 10-12 leaves, $1.00.
Variegated, 5-in. pots, 10-12 leaves, $1.50.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-in. and 2-in. plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator	2 50	22 00
Venus	2 50	22 00
Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale	2 50	22 00
David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

☞ **Lily of the Valley in Pots.** In bloom, 6 inch, 75 cents each; 25 pips to the pot.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

Grafted and Own Root Rose Plants

ern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

ed, 2½-in.	Per 1000	Per 5000
	$130 00	$600 00
a	130 00	600 00
	120 00	550 00
eo. Shawyer	110 00	500 00
Ward	110 00	500 00
ey	110 00	500 00

or 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Grafted, 2½-in.	Per 1000	Per 5000
White Killarney	$110 00	$500 00
Killarney Brilliant	110 00	500 00
Richmond	110 00	500 00
Bulgarie or Taft	110 00	500 00
Cecile Brunner	100 00	.....

Own Root, 2½-in.	Per 1000	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00
Aaron Ward	60 00	275 00

Own Root, 2½-in.	Per 1000	Per 5000
Sunburst	$60 00	$275 00
Milady	60 00	275 00
Killarney Brilliant	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

leadquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

is Marvella French, late white.....$8 00 per 100; $70 00 per 1000

Miss Pauline Anderson, late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

E—	R. C. per 100	2½-inch per 100	1000
's Advance	$2 50	$22 00	$3 00 $27 00
per Frost	2 50	22 00	3 00 27 00
nia Poehlmann	2 50	22 00	3 00 27 00
es Razer	2 50	22 00	3 00 27 00
Papworth	2 50	22 00	3 00 27 00
. Chadwick	2 50	22 00	3 00 27 00
thy Eaton	2 50	22 00	3 00 27 00
wood Hall	2 50	22 00	3 00 27 00
er	2 50	22 00	3 00 27 00
's Ideal	2 50	.....	3 00 .....
to	2 50	22 00	3 00 27 00
Salomon	2 50	22 00	3 00 27 00

PINK—	R. C. per 100	2½-inch per 100	1000
McNiece	$2 50	$22 00	$3 00 $27 00
Enguehard	2 50	22 00	3 00 27 00
Maud Dean	2 50	22 00	3 00 27 00
R. E. Loeben	2 50	22 00	3 00 27 00
Patty	2 50	22 00	3 00 27 00
Wells' Late Pink	2 50	22 00	3 00 27 00
Chieftain	2 50	22 00	3 00 27 00

YELLOW—	R. C. per 100	2½-inch per 100	1000
Golden Glow	$2 50	$22 00	$3 00 $27 00
Chrysolora	2 50	22 00	3 00 27 00
Bonnaffon	2 50	22 00	3 00 27 00

YELLOW—	100	1000
Yellow Eaton	$2 50	$22 00
Yellow Salomon	2 50	22 00
BRONZE—O. H. Kahn	2 50	22 00
RED—Schrimpton	2 50	22 00

	100	1000
	$3 00	$27 00
	3 00	27 00
	3 00	27 00
	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000.
Philadelphia, light pink, $6.00 per 100; $50 00 per 1000. **Winsor,** $20.00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

SPECIAL NOTICE TO CUSTOMERS: You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Lower Prices on Flowers

COMMENCING FEBRUARY 15.

BIG CROP OF ROSES

now being cut of extra choice blooms in all lengths of stems.

CARNATIONS.

Our Carnations are all extra fancy and are the largest lot of high grade Carnations in this market. Our new red carnation Belle Washburn is the Queen of all red carnations. These fancy flowers will ship and arrive in better condition than the ordinary run of stock.

SWEET PEAS.

Fine supply of the orchid flowering variety. Fine long stemmed stock carrying fancy flowers. Colors mostly pink and lavender.

LILIES.

Very large flowers on extra long stems. No other Lilies are as fine in the market. You need these in your work.

PRICE LIST—In Effect February 15

BEAUTIES.

	Per doz.
Specials, stems 48 in. and over	$6.00
36 in. stems	5.00
24 to 30 in. stems	4.00
18 to 24 in. stems	$2.00 to 3.00

Richmond-Killarney Brilliant-Pink and White Killarney.

	Per 100
Specials, extra long stems	$10.00
Long	8.00
Medium length stems	6.00
Short length stems	3.00 to 4.00

Rhea Reid-Bulgaria-Sunburst.

	Per 100
Specials, extra long stems	$12.00
Long	10.00
Mediums, stems 10 to 15 in.	$6.00 to 8.00
Shorter stems	5.00

Carnations.

	Per 100
Fancy red, very choice	$4.00
Fancy dark pink, very choice	$3.00 to 4.00
Fancy white and light pink, very choice	3.00 to 4.00
Easter Lilies	per doz., $2.00 12 00
Lily of the Valley	3.00 to 4.00
Narcissus Paper Whites	2.00 to 3.00
Tulips	2.00 to 4.00
Jonquils	3.00
Sweet Peas, assorted colors	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE, 131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STOCK STILL SCARCE.

Stock of all kinds is still scarce at this writing and will very likely continue to be so until after Valentine day at least, for orders are quite numerous and it is a question whether the late demands can be taken care of or not. American Beauty roses are commanding good prices, especially in the fancy grades, and what little stock is arriving is quickly disposed of at an early hour. Roses are a trifle more plentiful than they were last week, but continue to clean up quickly yet at good prices. Roses in general have improved greatly in quality since the weather changed for the better, especially Killarney, which is showing fine color now. Richmond roses are good property and command high prices, as do Milady, Rhea Reid and Mrs. Chas. Russell. Some very choice Mrs. Chas. Russell roses in the longer grades are arriving now, but, like American Beauties, they are commanding good prices and clean up quickly. Carnations have sold better the past week than they have for a long time and good stock easily brought $3 to $4 per 100, and in some instances more for fancy red and other colored stock. Orchids are quite plentiful, but gardenias are very scarce, and it is impossible to fill anywhere near the demand. Violets are selling better, which is natural for Valentine week, but the eastern stock is not bringing the prices that it should. Home-grown single violets are having the best call and are bringing fairly good prices. Lilies of fine quality are arriving now, but the supply is none too large and the market is pretty well cleaned up as far as this item is concerned. Tulips, jonquils, Paper White narcissi, freesias and gladioli are to be had, but like other stock these flowers are also cleaning up well. Lily of the valley is none too plentiful and there has been quite a shortening up in stevia. A few pansies are seen and some of the finest sweet peas of the season are arriving now. Business has been quite good, with the out-of-town demand best, although local trade has shown a big improvement also. A reduction in prices may be expected next week, for several of the larger growers claim to be coming in crop again, but the prices will not be as low as some seem to think they will be.

NOTES.

The A. Dietsch Co. has made a number of changes at its factory the past winter, which included the installation of new machinery, new stack, etc., and everything is now all ready for the spring season. Several new orders for new houses have already been booked and business so far this season is very encouraging.

William Lubliner has leased a store in the Windsor-Clifton Hotel for three years at 36 South Wabash avenue and will be open for business about March 1. His brother Dan will have charge of his store in Milwaukee, Wis., which will be continued until the Plankington building, in which it is located, is torn down.

Felix Reichling, who looks after affairs at Peter Reinberg's store, is serving on the jury in the municipal court this week as is C. L. Sherer of the A. L. Randall Co.

V. Bezdek, who has grown fancy carnations in America for eight years, says that the old standby Victory is still the best red on his list.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

BEAUTIES

Nice large cuts daily of magnificent stock in all lengths of stems at prices ranging from $1.00 to $4 00 per dozen. Plenty for everybody.

ROSES--CARNATIONS

All the leading varieties of both in all grades at the prices quoted below.

Our supply of stock is always so large that we can supply you when others cannot.

Current Price List.

AMERICAN BEAUTIES	Per doz.
30-36-inch stems	$4 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.	Per 100
Specials	$10 00 to $12 00
Select	8 00
Medium	5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward	Specials	$10 00
	Select	8 00
	Medium	6 00
	Short	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short	75 to 1 00
Roses, our selection, per 100		4 00

	Per 100
Carnations, fancy	$3 00 to $4 00
" select	2 00 to 3 00
Sweet Peas	1 00 to 1 50
Harrisii, per doz., $1 50 to $2 00	
Valley	3 00 to 4 00
Violets	1 00 to 1 25
Smilax, per doz., $2 00	
Adiantum	1 00
Asparagus, per bunch, .50 to 75c	
Ferns, per 1000, $2 50	
Boxwood, per bunch, 25c	
Galax, bronze and green, per 1000 $1 00	
Leucothoe Sprays, per 100, 75c to 1 00	

The Tonner family had a reunion on Sunday, February 7, when seven children were present at the home of their mother, Mrs. Anna Tonner, and it is needless to add that everyone present had a lovely time. The Tonner family is pretty well known to the florists in this vicinity, especially O. A. Tonner, Lillian A. Tonner and Mrs. Thos. Fogarty. This was the first time that the family had all been together for over seven years, so a group picture was taken the following day.

F. F. Scheel's place at Shermerville was visited by fire on the night of February 5, when his large barn was completely destroyed and three small greenhouses were somewhat damaged. The new range was not damaged at all, everyone is pleased to hear, but at that the loss is quite large. By quick work a good portion of the stock in the greenhouses that were burned was saved by transferring it to the other houses.

If A. T. Pyfer of the Chicago Carnation Co. could have heard the many compliments that a manager of one of the local wholesale houses and a large grower paid to the carnation Herald this week, that his firm disseminated several years ago, he would buy a new lid. Herald is making good, and the longer one grows it the better one seems to like it.

R. E. Kurowski, vice-president of the John C. Moninger Co., will make a business trip to New York soon, stopping off at Cincinnati, O., and other cities enroute. The Moninger Co. has been receiving many inquiries recently from prospective builders and the indications are that there will be as much new glass go up in 1915 as last year.

Bassett & Washburn report business as very good with a grand clean-up in stock each day in all lines. C. L. Washburn says that American Beauty roses especially are good property and that fancy long-stemmed stock is bringing very good prices.

L. Lozer of the Kyle & Foerster store force is the champion weight guesser in the market. He can tell almost to the pound what one weighs by simply lifting him off the floor.

Chas. Erne says that trade was very good at Erne & Klingel's store all week and that stock of all kinds cleaned up well at an early hour.

Chas. W. McKellar is back on the job at his store, but is not feeling any too well yet.

H. VAN GELDER, Pres. L. M. JONES, Secy.

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

Importers and Jobbers of Florist Supplies

56 East Randolph Street
CHICAGO

Ribbons and Chiffons Our Specialty

Rose Growers

Ship your stock to us. Our ever increasing business demands a larger supply. Get top-notch market returns by consigning your output to us. Send in a shipment today. Returns weekly, daily if you like.

PERCY JONES.

Mention the American Florist when writing

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

Large Supply of Exceptionally Fine Stock. Prices Right.

CARNATIONS

Beauties-Roses

According to George Economopolus, the Alpha Floral Co. will remodel its South Wabash avenue store early next spring. The entrance to the restaurant and buffet below the store will be removed from Wabash avenue to the Adams street side, so as to permit a Wabash avenue entrance to the store in addition to a new entrance on Adams street. A large display window will replace the present entrance, a new refrigerator will be installed and the interior of the store itself will be fitted up in the grandest style possible.

A. Lange has been featuring the pretty new roses Souvenir de Guillard and George Elgar in his window displays the past few weeks at his Madison street store, where they were greatly admired by all those who passed by. Souvenir de Guillard is a splendid looking rose, but the lovely George Elgar, which greatly resembles Cecile Brunner except in color, seems to be the most popular.

Kennicott Bros. Co.'s store is now in the hands of carpenters, and a great improvement is already to be seen. When the alterations are all completed the store will present a much better appearance and Max Ringier and his able assistant. George Goebel, will then be able to look after trade to better advantage. Florida-grown gladioli are seen in large supply at this establishment now.

The land adjacent to Mathias H. Mann's residence and greenhouses at 5504 North Clark street is increasing steadily in value each year, and the field that he used to use for his carnation plants four years ago is now pretty well occupied by flat buildings and residences. Mr. Mann is a member of the wholesale firm of Zeck & Mann and of which concern John Zeck is the able manager.

Otto W. Frese, of Poehlmann Bros. Co., says that the out-of-town demand for stock for St. Valentine's day is very good this year. This firm is offering choice stock in all lines with orchids and Mrs. Chas. Russell roses the leading offerings. The demand for grafted and own root rose plants and carnation cuttings at the greenhouses is very good and new orders arrive each day.

At the Fleischmann Floral Co.'s store on East Jackson boulevard a splendid display of seasonable cut flowers is always to be seen. This week the chief offering in plants seems to be well grown Roman hyacinths in pans and baskets, artistically arranged in the usual Fleischmann style.

J. A. Budlong is cutting about as fine a line of roses and carnations as the firm had to offer for a long time and a good supply of them, too. American Beauty roses especially are in good supply and some choice Ophelia and Mrs. Chas. Russell are among the many offerings.

A. L. Vaughan & Co. are showing a large supply of fancy American Beauty roses in addition to their regular supply of other stock. Mr. Vaughan says that business has been unusually good this week, both the local and out-of-town demand being brisk.

Percy Jones is having a brisk call for roses and his buyers have been seen on the market all week, picking up enough stock so all his orders could be filled. Carnations of quality are seen in large supply at this hustling house.

J. W. Breakey says that outside of funeral work trade is none too brisk in his neighborhood. He has been located at 3907 Cottage Grove avenue for seven years, and during that time has built up a nice paying business.

George Wienhoeber, South Wabash avenue, has an advertisement in the street cars offering a bunch of violets neatly arranged with a ribbon for $1.00 for St. Valentine's day, postpaid anywhere.

Peter Reinberg has recovered from his recent illness and is able to be about again. His firm reports a brisk demand for carnation cuttings this week, one order alone calling for 50,000.

A baby boy gladdened the household of L. Hoeckner at Crystal Lake, February 5, and ever since "Stogie" has been strutting around Peter Reinberg's store as if he owned the whole place.

O. J. Friedman has just installed a beautiful lily of the valley, orchid and violet case in his South Michigan avenue store facing the Auditorium annex entrance.

LILIES

Extra fancy cut blooms—finest stock that is to be had now in the Chicago market. This stock must be seen to be appreciated. Try a few today.

$2.00 per dozen.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Avenue, **Chicago**

USE Budlong's Blue Ribbon Valley.

Buchbinder Bros. supplied the store fixtures, including the refrigerator, for the Englewood Flower Shop, 703 West Sixty-third street; H. H. Conn, manager.

George Perdikas has been featuring bulbous flowers in large quantities the past week, especially jonquils and tulips, at each of his three loop stores.

The Chicago Flower Growers' Association is offering some of the finest lilies of the season at its North Michigan avenue store.

Walter Kreitling & Co. have been in business at their present location, 77 East Van Buren street, for thirty-two years.

Christian Schluter, secretary of the Foley Greenhouse Mfg. Co., and Miss Eleanor Schulz were married February 3.

The Retail Florists' Association will meet at the Hotel Bismarck next Monday evening, February 8, at eight o'clock.

Graff & Dressel are still conducting the old Sam Pearce place at 2135 Clybourn avenue and are doing very nicely.

Chas. Dendler is celebrating his ninth year with the Atlas Floral Co. this week.

Dave Lavitt is now conducting the flower stand in the La Salle street station.

E. C. Pruner and A. F. Longren are both in the city this week.

EXCEPTIONALLY FINE

AMERICAN BEAUTIES

Headquarters for the finest Beauties now obtainable. Try us on your next order and you will be surprised what splendid flowers you will receive for the money.

Roses, Carnations, Violets, Lilies, Sweet Peas, Valley, Tulips, Paper Whites, Romans, Jonquils, Freesias, Orchids, Etc.

Current Price List.

Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
Long stems	$4 00
36-inch stems	3 50
24 to 30-inch stems.	3 00
20-inch stems	2 50
18-inch stems	2 00
12 to 15-inch stems.	$1 00 to 1 50

	Per 100
Richmond, Specials	$10 00 to $12 00
Medium	6 00 to 8 00
Short	4 00
ROSES, our selection.	4 00

		Per 100
W. Killarney	Fancy	$10 00
Killarney	Med.	$6 00 to 8 00
" Brilliant	Short	4 00
Ward		
Sunburst		
Carnations, common		2 00 to 3 00
Fancy		4 00
Splits		1 50
Valley		3 00 to 4 00
Violets (double)		50 to 1 00
Violets (single)		75 to 1 25
Jonquils		3 00 to 4 00
Gladioli		6 00 to 8 00
Freesia (choice white)		3 00 to 4 00

	Per 100
Paper Whites	$3 00 to $4 00
Romans	3 00 to 4 00
Stevia	2 00
Lilies per doz.,	1 50 to 2 00
Callas per doz.,	1 50 to 2 00
Sweet Peas	75 to 2 00
Smilax per doz.,	2 00
Adiantum	1 00
Asparagus Strings ea.,	75
Asp. Plumosus bunch,	35 to 50
Fancy Ferns per 1000,	2 50
Wild Smilax per case,	5 00
Boxwood per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays	75
Mexican Ivy	75

A. L. VAUGHAN & CO.,

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

F. Benthey says that his foreman, Wm. A. Brenecke, visited F. Dorner & Sons Co.'s greenhouses at La Fayette, Ind., for the purpose of inspecting the new rose Hoosier Beauty again. He speaks very favorably of it and it is quite likely that the Benthey people at New Castle, Ind., will grow some plants of this variety next season. Mr. Benthey says that Ophelia and Mrs. George Shawyer have both made good with them, and has the stock to back up his argument.

Wietor Bros. are in nice crop with American Beauty roses and are supplying their trade with choice stock in this line now. Roses are also more plentiful at this establishment, and the same holds good for carnations. N. J. Wietor thinks that Bonfire is a mighty fine carnation and that it is a bloomer from Bloomerville seems to be true at this store, for almost every third bunch one sees now is a bunch of Bonfire.

Nick Thinnes is shipping some fine carnations to this market now, as is always the case with him. He grows vegetables also, which was a good investment the past season, for the carnation market was not as good as it might have been, but is exceptionally good at present.

Hoerber Bros. are cutting quite heavily in roses and some fine Killarneys are to be seen at their store now. Carnations seem to be in good supply also at this establishment.

John Sinner says that the demand for carnation cuttings continues to be very good at Sinner Bros.' store and that some nice orders are being booked every day.

The Frank Floral Co. is showing some fine bulbous stock and green goods at their store now.

W. W. Adams has about as neat and pretty a retail business card as one would care to hand out.

Established 1883 Incorporated 1892

Kennicott Bros. Co.

WHOLESALE COMMISSION FLORISTS

163 North Wabash Avenue, CHICAGO, ILLINOIS.

Roses,
Carnations,
Fancy Valley,
Freesia, Tulips,
Jonquils and
Paper Whites,
Sweet Peas,
Daffodils,
Violets.

BUY FROM THE HOUSE THAT STANDS FOR QUALITY GOODS.

Don't forget our new Rose department complete in every detail. In our other lines we have long been recognized as one of the best.

HEADQUARTERS FOR GREENS AND WIRE WORK.

Send us a trial order and judge for yourself.

W. J. Keimel of Wendland & Keimel is taking the bath treatments at Hot Springs, Ark., and expects to be away for about a month.

Visitor: John R. Fotheringham, San Francisco, Calif., returning to the coast.

ITHACA, N. Y.—February 8-12 was devoted to floriculture during the farmers' week at Cornell University. Lectures and demonstrations by the faculty of the department of floriculture were interesting features and well attended.

The New Live Wire

FRANK FLORAL CO.

WHOLESALE FLORISTS,
179-181-183 N. Wabash Avenue, CHICAGO

Telephone, Central 42
Automatic 44-864

Consignments of Roses, Carnations, Violets and All Other Seasonable Stock Solicited.

Chicago Florists' Club.

The monthly meeting of the Chicago Florists' Club was held at the Hotel Bismarck, Thursday evening, February 4, President Keimel in the chair. J. W. Fink, 2644 Herndon street; A. Fuhrman, 2242 San Jose avenue; Peter Bowman, 704 Garfield avenue; Edward Hunt, 5934 Winchester street, Abe Iralson, 356 East Forty-third street and Joe Einweck, 131 North Wabash avenue, were elected to membership and the following were nominated for membership: Fred Schramm and E. Muret, Park Ridge; Rudolph Ellsworth, Downer's Grove; Chas. Schwake and Milton Alexander, New York; Ernst Knecht, 1335 South Keeler avenue, and Howard R. Votaw, 4201 South Ashland avenue.

A communication was read from the civil service board of the West park commissioners calling attention to an examination for florists, February 24, at 9 a. m., at the Garfield Park pavilion. Applications must be filed in the office of the board in Union Park before 5 p. m., February 23 and application blanks may be obtained at the office of the board in Union park or at the West park playgrounds.

A committee consisting of George Asmus, August Poehlmann and Michael Barker was appointed to make the necessary arrangements to entertain the board of directors of the Society of American Florists, which will meet at the La Salle hotel, Monday, March 1, at 10 a. m.

A committee will be appointed to meet with a committee representing the Cook County Florists' Association in the near future, when the society will be invited to affiliate with this organization. There was also some talk in regard to affiliation with the Society of American Florists and a special effort will be made to have enough members join the mother society so that the local club will be properly represented on the board of directors.

Poehlmann Bros. Co. was awarded the club certificate for the splendid cattleya that they had on display and which attracted much favorable attention. Wm. Tricker and John Degnan acted as judges.

The greater part of the evening was spent in telling stories and listening to the songs that Ed. Hunt rendered and it was nearly midnight before the club adjourned.

St. Louis.

TRADE CONDITIONS SATISFACTORY.

The market during the past week held up well, demand being brisk, and in general good prices prevailed. The weather was cool and dark, which influenced the supply to a great extent. Sweet peas, however, fell off considerably as well as violets, but it is expected the supply will increase with the bright weather. Valentine displays are noted in some of the retailers' windows. Lilies have been in good demand, bringing good prices. Smilax is plentiful and other greens are in good demand.

NOTES.

Ostertag Bros. are fixing up a special decorated window for St. Valentine's day. Miss Lillie Ostertag, Henry Ostertag's niece, will be married in the spring.

Geo. H. Angermueller displayed some very choice cattleyas from the W. J. & M. S. Vesey greenhouses, Ft. Wayne, Ind.

Mullanphy Florists have specially decorated windows for Lincoln's birthday and St. Valentine's day.

H. G. Berning had a fine supply of jonquils, Harrisii lilies and American Beauty roses the past week.

The Windler Wholesale Floral Co. had a fine supply of violets and sweet peas last week.

Wm. C. Smith Wholesale Floral Co. showed some very choice white and pink Killarney.

Grimm & Gorly have added another new Ford automobile to their delivery service.

The growers held their meeting February 3 at their hall at Kirkwood.

The West End Florists report business good.

W. F.

Illinois State Florists' Association.

The tenth annual convention and exhibition of the Illinois State Florists' Association will be held in the Floricultural building, University of Illinois, Urbana, March 2-3. The programme will include an address of welcome by Dr. E. Davenport; report of advisory committee, by W. N. Rudd; report on fertilizer work, by F. W. Muncie, and numerous other features of interest. There will be a smoker at 8 p. m. Tuesday, March 2. Growers are requested to bring exhibits and those who can not attend may send their exhibits, all charges prepaid, to Secretary J. F. Ammann, 100 Floricultural building, University of Illinois, Urbana, Ill.

Cincinnati.

DEMAND ACTIVE BUT SUPPLY SHORT.

The only possible objection to market conditions is the undue scarcity of stock. There is a good active demand that easily takes up present receipts and more could be used if forthcoming. The rose cut, as far as quantity is concerned, is at a very low point. All receipts are selling readily. Carnations are cleaning up as fast as they arrive in the market and more could easily be used. Sweet peas are in good supply and are very fine, and the same is true of violets. Lily of the valley receipts are equal to present needs and have a fair call. The cut of orchids, too, can easily take care of present calls for them. Lilies are plentiful and are proving good proverty. Callas and rubrums may be had in limited quantities. The list of small bulbous stock includes tulips, jonquils, Dutch hyacinths, freesias, Roman hyacinths and narcissi.

CLUB MEETING.

The regular meeting of the florists' club was held Monday evening, February 8, at Hotel Gibson. The attendance was better than at the last few meetings. The report of the committee on valuation of growing flowers for taxation was discussed and an order made to have the result of their findings printed and mailed to each member of the society.

NOTES.

Gus and Chas. Brunner have the sympathy of their friends in the trade in their bereavement over the death of their mother.

Julius Baer has a very attractive display of azaleas in his windows.

C. E. Critchell has been having some very fine tulips.

Visitors: S. Lipman, representing Thomsen & Co.; C. W. Scott, representing Yokohama Nurseries; Milton Alexander, representing Lion & Co.; Julius Dilloff, representing Schloss

BASKETS

Be sure that you get them from us. Our line is the best that was ever offered to the trade, and consists of every style that the retail florist of today needs. Send for our new catalog, just off the press, make up your order from the new list and send it to us immediately. A postal will do.

Raedlein Basket Co.
713 Milwaukee Ave., CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

USE Budlong's Blue Ribbon Valley.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph Street, L. D. Phone, Randolph 6578 CHICAGO, ILL.

A. L. Randall Co.,

66 E. Randolph St., CHICAGO, ILL.

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone, Central 328

Mention the American Florist when writing

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone. Randolph 3619

Mention the American Florist when writing

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Mention the American Florist when writing

Bros., New York; Frank Farney of M. Rice Co., Philadelphia, Pa.; H. V. Thomas, of Augusta, Ky., and W. C. Nolan, Portsmouth, O.

H.

Chicago Bowling.

C. C. F. LEAGUE.

Sunbursts.				Russells.			
Lieber'n	161	170	161	Vogel	185	140	168
Byers	192	149	148	Jacobs	147	185	195
Olsem	184	170	203	Resch	205	170	180
Totals	537	489	512	Totals	537	495	543

Orchids.				Carnations.			
Huebner	176	156	163	Einweck	172	137	204
Koehler	148	148	105	Schultz	184	169	114
Lorman	161	199	173	A. Zech	172	159	179
Totals	485	503	441	Totals	528	465	497

NORTH CHICAGO LEAGUE.

Florists.			
J. Huebner	157	155	188
Lorman	163	169	199
Zech	182	192	165
A. Huebner	174	194	213
Olsem	200	218	205
Totals	876	928	970

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Mention the American Florist when writing

Flower Growers Corporation

Wholesale Only. Consignments Solicited.

118 Broadway, DETROIT, MICH.

Mention the American Florist when writing

Wholesale Flower Markets

Current Price List	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in.	5 00
" " 30-in.	4 00
" " 24 in.	3 00
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	4 00
Carnations	1 50@ 4 00
Cattleyas...per doz.	4 00 to 6 00
Freesias	3 00@4 00
Gladiolui (Southern)	6 00
Gardenias	$2.00@$4.00 per doz.
Lilium Harrisii	12 50@15 00
Paper Whites	3 00
Romans	3 00
Stevia	1 50@ 2 00
Sweet Peas	1 00@ 2 00
Tulips	4 00
Valley	3 00@ 4 00
Violets	75@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns "	2 50
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

USE Budlong's Blue Ribbon Valley.

SHEBOYGAN, WIS.—William Altmann will open a flower shop at 1127 North Eighth street.

E. C. AMLING CO.

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

68-70 E. Randolph Street CHICAGO.

L. D. 'Phones Central 1978 and 1977.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

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Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

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HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 162 N. Wabash Ave CHICAGO

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EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

TRADE SHOWS SOME IMPROVEMENT.

There appeared to be a much better tone to business the past week, although the street men were greatly in evidence Saturday, February 6, having quite large stocks of various kinds to offer at low prices, with very good lily of the valley as a leader at 35 cents per bunch of a dozen. Roses are becoming more plentiful, except American Beauties, which in the select grade are still very scarce. White Killarney are now very good, while the pink are a much better color. Sunburst are a trifle more plentiful, as are all the fancies. The Shawyer is one of the newcomers that has apparently made good; it mildews badly with some growers, but with others the foliage is clean and bright, and

PHILADELPHIA SPRING SHOW
MARCH 23-25.

the flowers develop into a very handsome rose. Ophelia looks good and is likely to become a standard sort. Carnations have never been better than this season and have been sold up very well the past week. Cattleyas are plentiful and sell very low in large quantities. Gardenias, very good flowers have been run as a leader in some stores at 10 cents each. Violets are hard to clean up. Sweet peas appeared to be off crop and prices took a jump. All were in good demand, the orchid variety being all sold before arrival. Snapdragons are good stock and find a ready market. Greens are scarce, selling out every day.

NOTES.

Special sales of choice flowers, such as select cattleyas for 50 cents, and choice gardenias for 10 cents in some of the retail stores, while others get 75 cents and $1 for the cattleyas and 25 cents to 35 cents for the gardenias gives a wide difference in prices that the public find hard to understand.

Cibotium ferns, splendid pedestal grown plants, and kentias galore are the special features of the Joseph Heacock establishment at Wyncote. The large house of cattleyas is very showy with its wealth of choice flowers.

Berger Brothers Central market is full of spring flowers, standard and novelties. Daffodils, freesias and orchid peas, together with choice roses are leaders.

Spring flowers are the leaders with the Leo Niessen Co. Acacias, wall flowers, double violets and orchid peas are specials for Valentine's day.

Edward Reid's Spencer peas are great flowers. Special carnations are a feature. The fancy roses in variety are seen here in quantity.

Kentias and Phoenix Roebelenii are a feature with Henry A. Dreer. A sale at special prices is moving much of this stock.

The M. Rice Co. are laying great plans for Easter. Their plant baskets are of the best, both in shape and coloring.

K.

GALVESTON, TEXAS.—L. C. Hill, for many years horticultural agent for the Gulf, Colorado & Santa Fe Railroad, was found dead February 2 in a hotel at Rogers, Ark., his former home.

Wholesale Flower Markets

BOSTON, Feb. 10.	Per 100
Roses, Beauty	5 00@35 00
" Killarney Queen	2 50@ 8 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 6 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@1 00
Violets, single	75@1 00
" medium	50@ 75
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, Feb. 10.	
Roses, Beauty, special, doz.	7 00
" " fancy, "	5 00
" " extra "	4 00
" " No. 1, "	3 00
	Per 100
" " No. 2	4 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Hillingdon	2 00@ 5 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 6 00
" Taft	4 00@10 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Daffodils	2 00@ 3 00
Freesia	3 00@ 4 00
Mignonette	4 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Stevia	1 00
Tulips	2 50@ 3 00
Asparagus, per bunch.. 35@ 50	
Asparagus Sprengeri... 35@ 50	
Ferns ..... per 1000. 2 00	
Smilax	15 00

CINCINNATI, Feb. 10.	
Roses, Beauty ..... per doz.	$1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	10 00@15 00
Asparagus Plumosus.. per bch., 25c	
Carnations	2 00@ 3 00
Hyacinths	4 00@ 5 00
Orchids, per doz	3 00@ 3 50
Violets	35@ 75
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	3 00@ 5 00
Rubrum Lilies	4 00@ 8 00

ST. LOUIS, Feb. 10.	Per 100
Roses, Beauty, medium	8 00@12 50
" short stems	4 00@ 6 00
" Killarney	4 00@10 00
" White Killarney	6 00@10 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	4 00
Carnations	2 50@ 4 00
Orchids	35 00@50 00
Rubrum	8 00
Violets	40@ 60
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	10 00@12 50
Ferns ..... per 1000, 2 00	
Leucothoe ..... per 100, 60	
Galax ..... per 1000, 1 25	

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies
Mention the American Florist when writing

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.
Mention the American Florist when writing

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.
Mention the American Florist when writing

Boston.

NO MATERIAL IMPROVEMENT IN TRADE.

During the past week business was nothing more than fair. Some lines of stock were in demand and others seemed to drag. The trade on roses fell off a little, but as long as the stock cleans up well there are not many complaints. Carnations toward the end of the week sold very well, considering the general conditions, but the

BOSTON SPRING SHOW
MARCH 18-21.

first of the week they were not in very heavy demand. Sweet peas move nicely, as there is not as yet an oversupply. Violets continue to move slowly, but St. Valentine's day should bring a change for the better. The few warm days we have had have done much toward bringing a heavier supply to the markets in every line of stock. The shipping business far exceeds the local trade in every respect and does much to keep the market to the present standard.

NOTES.

Edward Ahearn, of Wellesley Hills, one of the largest growers of marguerites and English primroses in this vicinity, has commenced to ship his two products in quantity. His entire range is devoted to these two popular flowers.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

Florists' Greening Pins

No florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs (about 10,000 to 11,000 pins.)
Price, per box, $1.50; 5 boxes for $7.00.

GEO. H. ANGERMUELLER
Wholesale Florist, 1324 Pine St., St. Louis, Mo.

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones. ST. LOUIS, MO.
Supplies and Everything in Season always on hand

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Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

The Exeter Rose Conservatories, of Exeter, N. H., are right in crop with their roses at present. They have a pink sport of Richmond that looks very promising. Hadley, Killarney Brilliant and Ward also do very well with them.

J. A. Nelson, of Framingham, Mass., is cutting a fine crop of carnations. He has Enchantress in quantity, as he is a firm believer in its producing qualities. His Pink Delight, White Enchantress, Fenn and Beacon are also very good.

A. Walsh at the Boston Flower Exchange is receiving from the Halifax Garden Co. a good cut of high quality roses. Richmond, Killarney Brilliant, Ward and White Killarney are the leaders at present.

In addition to carnations, I. W. Simpson, of Woburn, Mass., is cutting good yellow marguerites. His crop of this popular flower is coming along very fast and soon he will be shipping in quantity.

The Pink Supreme carnations from J. H. Leach of North Easton, Mass., look especially fine just now. The bulk of his shipments comprise this variety, which was originated by him.

The Rosette and Pink Delight carnations from S. J. Goddard, of South Framingham, Mass., are extra fine at present. His entire stock is far above the average.

Wm. Penn is back at his store on Bromfield street, after spending an enjoyable week at Atlantic City, N. J.

W. A. Manda, of Orange, N. J., was a visitor during the week of February 1. F. L. W.

Horticultural Society of New York.

There will be an exhibition of plants and flowers held by this society, Wednesday, February 17, at the American Museum of Natural History, 77th street and Central Park, west. Premiums are offered for cut blooms of orchids, roses, sweet peas, schizanthus, antirrhinum, freesias, and narcissi. Prizes may also be awarded for exhibits not provided for in the schedule, and such exhibits are solicited. Schedules will be sent on application to the secretary, George V. Nash, New York Botanical Garden, Bronx park, New York. There will also be a meeting of the society on the same day in the East Assembly hall at the same place, at 3:45, followed by a lecture, illustrated with lantern slides, by W. C. McCollom, on "The Small Greenhouse: Its Use and Abuse."

GEORGE V. NASH, Sec'y.

Wholesale Flower Markets

PHILADELPHIA, Feb. 10.	Per 100
Roses, Beauty, extra	60 00@75 00
" " first	15 00@25 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 2 00
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, Feb. 10.	Per 100
Roses, Beauty, special	50 00
" " fancy	40 00
" " extra	20 00
" " No. 1	10 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00@ 3 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75@ 1 00
Violets	1 00
White Lilac, per bunch,	$1.00
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch,	35@40

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Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

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Get our prices before placing order. Guarantee satisfaction.

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Magnolia Leaves, $1.35 per box.
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WINDLER
WHOLESALE FLORAL CO.
1310 Pine St. ST. LOUIS MO.
Central 1474 Olive

MILWAUKEE, Feb. 10.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 4 00
Lilies, per doz.,	$1.50
Snapdragon, per bunch, 25c @50c	
Sweet Peas	75@ 2 00
Valley	2 00@ 4 00
Violets	50@ 1 00

Our Motto:—The Best the Market Affords

C. S. & Co.
NEW YORK

JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00
Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00. Lilium Multiflorum, 7/9-in., case of 300 bulbs, $16.50. Lilium Giganteum, 7/9-in., case of 300 bulbs, $16.50.
CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

TRADE NOT ENCOURAGING.

The business of the past week was not particularly encouraging. Probably weather conditions had something to do with trade conditions, as the weather throughout most of the week was particularly gloomy. Rain, snow, fog, general dampness and discomfort were the rule rather than exception. Saturday, February 6, was a fair day in the wholesale district, but one swallow does not make a summer. Wholesale prices, which took a little jump during the week ending January 30, dropped off again during

NEW YORK SPRING SHOW
MARCH 17-23.

the past week on account of the arrival of more stock. That was of no particular advantage to the retailers. The best of them and the most of them, so far as we are aware, are willing to pay a decent price if they have business to warrant it. As a veteran dealer recently remarked: "This business is getting to be a tough game." We believe that it will improve, one reason being that, compared with previous years, it cannot get much worse. Take for instance two stocks, supposed to be leading, orchids and American Beauty roses. As a well-known dealer recently, more emphatically than politely remarked: "This district is 'lousy' with orchids, and I would like to have somebody tell me what we are going to do with them and at the same time please the growers." The arrival of American Beauty roses, of late, has not been heavy, but at the same time they have been hard to move; just what may happen to the market when the next crop comes in is hard to state. The supply of bulbous stock, tulips, yellow narcissi and hyacinths, is rapidly increasing and prices are declining. In tea roses, the leading demand is for short stock, suitable for funeral work. Both carnations and violets are cheap and getting cheaper.

NOTES.

Alexander McConnell. the veteran retailer of Fifth avenue and 49th street, is presenting to friends and customers a very elaborately designed "Dickens Calendar" for 1915. All the work on this book, for it is in book form, is so good that it is hard to do it justice in a brief description. For each month there are a number of quotations from the writings of Dickens.

Horace E. Froment, the well-known wholesaler of 57 West 28th street, will soon remove to a much larger store at 148 West 28th street. In this connection it may be stated that L. B. Coddington, Murray Hill, N. J., who ships a heavy supply of roses to Mr. Froment, and who has recently been seriously ill, is now reported as greatly improved and out of danger.

The Greek-American Florists' Association of this city will hold its annual entertainment and ball February 25, at the Terrace garden, 58th street near Lexington avenue. As this association always provides good entertainment there will doubtless be a large attendance.

As is generally known, President Bunyard of the New York Florists' Club has severed his connection with A. T. Boddington.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

F. W. Fletcher, of Auburndale, Mass., was recently in this city in the interest of his fine line of freesias.

The New York Florists' Club will hold its annual dinner at the Hotel Astor, Saturday night, March 20.

John Young is now handling a very fine line of smilax which sells well.

The scores of the New York Florists' Bowling Club, Thursday, February 4, 1915, were as follows:

J. Miesem	165	188	167
R. J. Irwin	158	167	151
P. Jacobson	159	143	154
H. C. Riedel	177	174	178
W. P. Ford	149	183	162
W. H. Siebrecht	142	156	164
A. J. Guttman	145	154	162
A. Schanzer	116	159	138

A. F. F.

New York Florists' Club.

The monthly meeting of the club was held in its rooms in the Grand Opera House building on the night of February 8, President Bunyard in the chair. There was a very large attendance, the hall being filled to overflowing. Good feeling prevailed throughout. A committee was appointed to purchase a plot or building for a permanent club home. This, it will be recalled, was outlined in President Bunyard's inaugural address. In an extended address, F. R. Pierson reported good progress by the flower show committee; he was supported by other members. A. L. Miller, of Brooklyn, reported good progress along the same line in his field. The dinner committee reported, as elsewhere noted. Frank Dinda, Farmingdale, N. Y., was proposed for membership by A. J. Guttman.

The exhibits, it being carnation night, were numerous and fine, and all received votes of thanks. The following were among those who made displays:

Chas. L. Doerrer, Westfield, N. J., exhibited Victory and Enchantress.

A. L. Miller, Brooklyn, exhibited Matchless and Enchantress.

A. N. Pierson, Inc., Cromwell, Conn., Eureka. Aravana and Philadelphia.

J. F. Marsden, Far Rockaway, N. Y., pink seedling.

Herman C. G. Schwartz, Central Park, L. I., N. Y., light pink seedling "Siren."

S. S. Pennock-Meehan Co., Philadelphia, Pa., Mrs. C. Edward Akehurst, grown by C. Akehurst & Son, White Marsh, Md.

Floral Hill Gardens, Chatham, N. J., G. F. Neipp. pink seedling.

Lakeview Rose Gardens, Jamestown, N. Y., Gloriosa, Beacon, White Wonder and Pink Delight.

Cottage Gardens, Queens, N. Y., Cottage Maid.

Guttman & Raynor, New York; Laura Weber.

Chas. Weber, Lynbrook, N. Y.; Mrs. Ernest Thalman.

Frank Dinda, Farmingdale, N. Y.; Seedling No. 12.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
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I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Other exhibits were as follows:

Vase of Freesia Purity. by Philip F. Kessler, New York.

Miniature hyacinth "Nimrod," by P. W. Popp, Mamaroneck, N. Y,

Orchid flowering sweet peas, by Geo. T. Schuneman, Baldwins, N. Y.

Giant pussy willows, by Andrew Schievogt, Brooklyn.

Chairman Kessler of the house committee and his assistants were kept busy during recess carving turkey and passing it out. with cranberry sauce.

A. F. F.

Cleveland.

SUPPLY IS SHORT OF DEMAND.

Stock in most lines continues very scarce. Carnations and roses, being most in demand, seem shorter in supply than ever with the exception of American Beauties. Of this flower about enough to meet the demand can be had right along from the real short stock to 48-inch stems with good blooms. There are plenty of greens and bulbous stock.

NOTES.

About 16 local florists visited the greenhouses of the Cleveland Cut Flower Company at Newton Falls, Ohio, and the Lamborn Floral Com-

J. K. ALLEN
Established 1878
106 West 28th Street
New York
Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
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Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

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RHINEBECK, - N. Y.
Grower of
"Marie Louise" Double
VIOLETS
Best stock. Prompt service.
Reasonable prices.
Send your orders.

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
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Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

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John J. Reynolds, Mgr. Phone Madison Sq. 4490
HUGH H. NELSON
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133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Wholesale Flower Markets

	New York, Feb. 10.	Per 100
Roses, Beauty, special		60 00@75 00
" " extra and fancy		40 00@50 00
" " No. 1 and No. 2		10 00@20 00
" Alice Stanley		6 00@12 00
" Prince d'Arenberg, special		12 00@15 00
" Francis Scott Key, special		12 00@15 00
" Mrs. Geo. Shawyer, special		12 00
" " " extra		4 00@ 8 00
" " " No. 1 & No. 2		3 00@ 4 00
" White Killarney, special		6 00@10 00
" Killarney, My Maryland... special		10 00@12 00
" " No. 1 and No. 2		4 00@ 6 00
" " Queen, special		10 00@12 00
" " Brilliant		3 00@12 00
" Aaron Ward		3 00@10 00
" Richmond, special		8 00@12 00
" Sunburst		3 00@12 00
" Taft		3 00@12 00
" Milady, special		3 00@12 00
" J. L. Mock		3 00@10 00
" Hadley		6 00@20 00
" Ophelia		3 00@12 00
" Mrs. Chas. Russell		3 00@15 00
Carnations		2 00@ 3 00
Cattleya Orchids, special		25 00
" " inferior grades		10 00@15 00
Jonquils		2 00@ 2 50
Lilies, Longiflorum and Harrisii		6 00@10 00
Lily of the Valley		1 50@ 2 00
Tulips		1 50@ 2 00
Violets		25@ 35
Gardenias....per doz., .75@$2.00		
Adiantium Croweanum and Hybridum		50@ 75
Asparagus Plumosus....doz. bchs.		2 50
Smilax.....doz. strings.		1 25@ 2 00
Paper White Narcissus, doz., $1.75@$2.00		
Sweet Peas, per doz. bunches.		1 00@2.00
" " Spencer type		.50@2.50

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111 W. 28th St., New York City
Phones: Madison Square 594-4422.
We solicit consignments of cut flowers of all kinds
Books open for inspection.
GEORGE J. POLYKRANAS, Manager.

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WHOLESALE COMMISSION
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Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
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WHOLESALE PLANTSMEN AND FLORISTS
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Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
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The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
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119 West 28th Street NEW YORK

George B. Hart
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24-30 Stone St., Rochester, N.Y.
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M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
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A complete assortment of the best in the market can always be relied upon.
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Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer
WHOLESALE FLORIST
103 West 28th Street, NEW YORK
Mention the American Florist when writing.

pany's range at Alliance, Ohio, Thursday, February 4. All report the places are in fine shape and, although stock was scarce, what looked like good crops were in the benches. The meals were also fine and enjoyed by all. The boys flagged a train at the Cut Flower Company's greenhouses, which saved them a long walk to the Falls, where they boarded their car for Alliance. A purse was made up and presented to the conductor of the train for his courtesy.

The charity card party for the benefit of mothers and children of horticulturists and florists of Europe to be given by the Women's Florist Club of this city at the Hollenden hotel, February 18, ought to be supported by all florists and allied trades here. Tickets are 50 cents each, and the games begin at 2 p. m. Get a party of four together and have your own table. Refreshments will be served.

The floral display at the food show attracted large crowds, and as many thousands of people visited the food show it seems that was one good way to advertise flowers for Valentine day.

C. F. B.

Washington.

BUSINESS UP TO AVERAGE.

With stock not overplentiful and prices good, business is fair. With what few luncheons, dinners and receptions that are going on there is no great demand for stock of any kind, but still the price of stock is keeping up. American Beauty roses are bringing from $7.50 to $9 per dozen, while other roses such as Radiance, Killarney, both colors, Sunburst, Richmond, Hillingdon, Shawyer, Wards and Hadley can be had from $5 to $15 per hundred for the best. Spencer peas range from $1.50 to $2.50 per hundred, while other varieties bring from 50 cents to $1.50. Orchids are $4 to $6 per dozen, and gardenias sell at $1.50 to $3.00 per dozen. Tulips and jonquils are plentiful and find a ready sale. Easter lilies, callas and rubrums are plentiful.

NOTES.

At the last meeting of the local florists' club officers were nominated as follows: G. H. Cooke, for president; Lloyd Jenkins, vice-president; L. C. Linz, secretary; Wm. Gude, treasurer. After the meeting the members were guests of G. H. Cooke, and enjoyed a buffet supper with a little entertainment on the side.

There is some talk among the retail florists in this city to the effect that the commission houses are doing a retail business. Of course this we hope is not true, as the retail man is not here for his health and, as he has to buy his stock from the wholesaler. he should be protected by him if no other.

Fred Kramer is on the job again, after an attack of the grippe, and reports business just about as could be expected. He is cutting some extra fine stock, for which he finds a ready sale. In bulbous stock Fred is well supplied and is not afraid of going short.

Geo. C. Shaffer had a rustic table decoration, which consisted of large logs of cork bark with the different varieties of orchids; also corsages of orchids, which made a very rich table decoration.

Gude Bros.' window is attracting favorable comment. With a hedge of lilac and baskets of orchids, Spencer peas and Ward roses it makes a very pretty combination.

All the stores are putting in their St. Valentine's day window decorations and some of them are very artistic.

J. R. Freeman is showing some of the finest primroses that have been shown in this city for some time.

Leapley and Meyer are more than satisfied with business this year so far.

G. C. D.

Oklahoma City.

VOLUME OF BUSINESS INCREASES.

Business is steadily growing heavier every day as the spring advances, for it really is spring-like so far as the weather goes, although still early in February. Wearing carnations on McKinley day seems to be a dead letter so far as this city is concerned. One florist avers that not a dozen carnations were sold in his store for wearing purposes on that day. St. Valentine's day is a big feature here, however; there is always a great demand on that day and the stores are already showing many novelties, which are intended to appeal to the fastidious lovelorn who wishes to send a well-meaning, if otherwise non-committal message to the object of his affections. The open balmy weather is causing a general activity in outdoor preparations of gardens and truck farms, and seeds are beginning to move satisfactorily. A tremendous business along all seed lines is expected this season. A general movement is on foot throughout the entire state to establish school gardens among the children; also to induce municipalities to establish park systems and street tree planting, all of which should prove of some benefit to the horticultural trade in general.

S. S. B.

MINNEAPOLIS, MINN.—August Swanson has taken charge of the Minneapolis Floral Co.'s establishment, the late John Monson's place, for the court.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

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SEFTON BOXES

Illustrated catalog in colors on request.

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USE Budlong's Blue Ribbon Valley.

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Display Your Flowers

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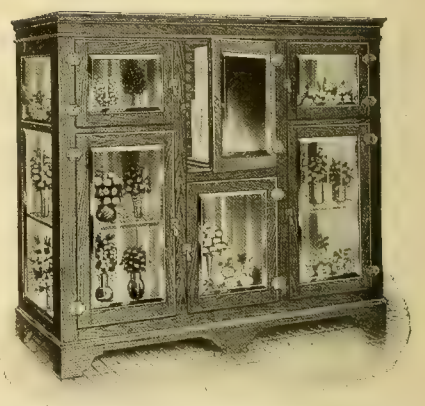

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518 Milwaukee Ave., Dept. F, CHICAGO

Mention the American Florist when writing

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing

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New Crop now ready for shipment $2.50 per case

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Caldwell the Woodsman Co.

Everything in Southern Evergreens.
EVERGREEN, ALABAMA.

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EXTRA FINE QUALITY

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Write today for full particulars and sample

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Established in 1857.

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Experts to Arrange Them.

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

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New London, Conn., Norwich, Conn. and Westerly, R. I.

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Flowers for all Occasions.

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And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

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Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Muir, Craig, New York.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
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Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

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Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metaire Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York.—Craig Muir.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
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St. Paul, Minn.—L. L. May & Co.
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Canada's best known and most reliable florist.

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Deliveries to Steamers and all Eastern Points.

"John Baer" Wins in Competition with "Trisco"

J. R. Robinson, Fall River, Mass., writes Oct. 4th, 1914: "The 'John Baer' Tomato is by far the best Tomato I have ever grown, and I have grown all the new varieties for years, including the new English variety 'Trisco,' but will have to say 'John Baer' has it on them all. The weather conditions have not been very good, we had a late Spring, but for all that the 'John Baer' Tomato has done fine. I let several friends have plants and each one says, 'John Baer' is the finest Tomato they have ever grown."

"Last January I sent to England for a package of 'Buck's Trisco' Tomato. The package contained 28 seeds. I sowed 14 of them and raised ten plants. 'Trisco' is all right as a novelty, as it will grow about fifty Tomatoes in a bunch, but they are not fit for market."

"JOHN BAER" TOMATO

The Earliest and Best Tomato on Earth

In Canada—First to Ripen Fruit Out of 28 Varieties

Mr. C. L. Ireland, Colborne, Ontario, Canada, writes Aug. 10th, 1914: "'John Baer' Tomato turned out better for me than I expected it would. I have fourteen (14) acres in Tomatoes this year of twenty-eight (28) different kinds ordered from a good many different seedsmen in the United States and Canada, and of all the several varieties of which the seed was sown at the same time as 'John Baer' and transplanted at the same time, your 'John Baer' was the first to ripen early fruit. I sowed the seed on March 28th and about April 15th transplanted into flats 16 inches square, 100 plants in a flat. About May 15th, I retransplanted some of them again into 16-inch flats, planting nine (9) twenty-five (25) and fifty (50) plants to each flat. I grew them in cotton-covered hotbeds and hardened them off by removing cotton coverings before setting plants to the field. All the plants grew nice, stalky plants, as good as the best of any other variety and a lot hardier than a great many others. I was very much interested in them and certainly pleased with the plants as they suited me to perfection. I set these 'John Baer' Tomato plants out by themselves in a piece of sandy loam on medium low, flat ground, which had been an old quack grass sod broken up and sowed to Oats last year. I kept this well cultivated before and after setting plants and as there was quite a lot of humus from the quack grass roots worked through the soil, I did not use any manure but just a handful of 2 am—9 ph.—6 pot. fertilizer around each plant at time of setting.

"The plants grew large in proportion to number of plants set in the flats (9—25—50 and 100); and continued to hold their same size in proportion all through their season of growth. I planted them out in rows 4 feet apart by 3½ feet in the row. One row of the 9 plants to a flat, one row of the 25 plants to a flat, one row of the 50 plants to a flat and one row of the 100 plants to a flat.

"The largest plants from the row of 9 plants to a flat gave me my first picking of ripe fruit, before any of the other rows had started to show color. This was on July 28. On August 3d, I picked some more from first row and Aug. 6th I had a picking from both first and second rows and again Aug. 9th I had some from first, second and third rows, but none from the last row of 100 plants to a flat.

"There is a very marked difference in the size, number and early maturity of the fruit on the four different rows and this was evidently governed by the size of the plants at setting time.

"We had a cold, backward Spring at setting time, with continued cold and dry weather. Throughout June and July there were practically only two good rains, one on June 29th and the other on July 23d, and when the last rain of July 23d came, the soil was so baked the best effect of the rain was lost, because before the moisture had penetrated to any depth it had mostly evaporated.

"I see by Market Growers' Journal of Aug. 1st that W. F. Massey says that Earliana was ripening plentifully ten days before a sign of color appeared in 'John Baer,' and he seems to think it is Chalk's Jewel renamed. As he says if it is not Chalk's Jewel renamed, it is so much like it there is no reason to keep them separate. My Experience with 'John Baer' Tomato has been just about the reverse of W. F. Massey's, and I am a practical Tomato Grower, for Chalk's Jewel is not the same shaped Tomato as 'John Baer.' Chalk's Jewel will crack badly at the stem end and will not ripen around the stem.

"'John Baer' Tomato in comparison with Langdon's strain of Earliana and Philadelphia Crown Setting Earliana, 'John Baer' was six days earlier than Langdon's, and ten days earlier than Philadelphia Crown Setting. 'John Baer' ripens up better around the stem end than either of them, in much larger and smoother, with heavier vine and foliage. 'John Baer' is also solid and a good keeper after being picked when ripe—August 10th. I now have the first 'John Baer' Tomatoes, which I picked over two weeks ago, lying on the roof of the house in the hot sun, and they have only just started to wither up. 'John Baer' Tomatoes picked Aug. 6th appeared as quite solid yet. In weight 'John Baer' Tomatoes will average from 6 to 12 ounces each, and about seven Tomatoes to a cluster or first setting, which ripens right up to the stem, perfectly solid, and they do not crack, like Earliana and Chalk's Jewel around the stem.

"The only difference in treatment given 'John Baer' and Earliana is that Earliana was given a good coat of manure, plowed in before planting, while 'John Baer' got none, and were considerably larger, more solid, smoother and a brighter deep red color. 'John Baer' Tomato suits me to perfection.

"John Baer" Bore Tomatoes Two Weeks Earlier Than Any Others

Mr. Richard Bowles, Niagara Co., N. Y., R. F. D. No. 30, Sept. 1st, 1914, writes: "'John Baer' Tomato proved to be a success. It bore Tomatoes two weeks earlier than any other seed and we had a very fine yield. We are thankful to have found a Tomato earlier than what we have ever had."

"John Baer" Is the Poor Man's Tomato—It Yields So Abundantly

Mr. Gustav Bartholme, Onondaga County, N. Y., writes, Sept. 1st, 1914: "I am glad of the opportunity to say that 'John Baer' Tomato is highly satisfactory. It is the poor man's Tomato, for it can be bountifully raised on very little land. I planted seven rows 'John Baer' Tomato, 350 feet long, which so far yielded 110 bushels with promises of many more.

"I did not intend to raise Tomatoes to sell. I have always raised them solely for my own home use, but I found they bore so many I could not make use of them all, and so I am supplying my neighbors and friends, who are well pleased with them. 'John Baer' Tomatoes are firm and round, with very few crippled ones among them."

"John Baer" Earliest, Heavy Bearer, Smooth, Fine Flavor

Miss Carrie B. Bankard, Carroll Co., Md., Sept. 3d, 1914, writes: "'John Baer' Tomatoes are the earliest I have ever had. I have been very successful with them. I find the 'John Baer' a very heavy bearer, very smooth and round, and of a fine flavor."

Picking Two "John Baer" Tomatoes to One of Chalk's Jewel

Mr. Harry F. Hopkins, Baltimore Co., Md., writes July 29th, 1914: "'John Baer' Tomatoes have proved to be as you represented them. I planted them along with other early varieties. 'John Baer' made a very much larger growth than the others. I found them to be the best cropping as well as early Tomatoes as I have ever grown. I find 'John Baer' Tomato will stand the drought better than other Tomatoes on account of their large foliage, which protects the fine fruit from the hot sun. 'John Baer' is a good cropper. I am picking two 'John Baer' to one Chalk's Jewel in spite of the fact that we have the dryest season on record. It is the worst growing season I have ever known in this section, and I have been here in the trucking business for forty years."

"John Baer" Is Earlier than Earliana, and Far Superior

Mr. William A. Bridle, Monmouth Co. N. J., Sept. 3d, 1914, writes: "'John Baer' Tomato is exceptionally early—earlier than 'Earliana,' and far superior to that variety. It ripens well up to the stem perfectly smooth, solid and of fine flavor, fine color and very prolific; altogether I would consider it the best early Tomato to date."

"John Baer" Earliest and Best Tomato in Texas

Mr. N. T. Wells, Caldwell Co., Texas, writes June 21st, 1914; "The 'John Baer' Tomatoes are the best Tomatoes I have ever raised. I planted them six weeks later than other early varieties and the 'John Baer' ripened first. They are well meated, fine flavor, perfect, round, ripen even up to the stem. They have done more than I expected them to do in spite of the weather conditions. We have had a continuous rain all year, had seven floods in six months. I don't want any other Tomato. Enclosed find my order for more 'John Baer' Tomato Seed."

"BY THEIR FRUITS YE SHALL KNOW THEM"

"JOHN BA

THE EARLIEST AND

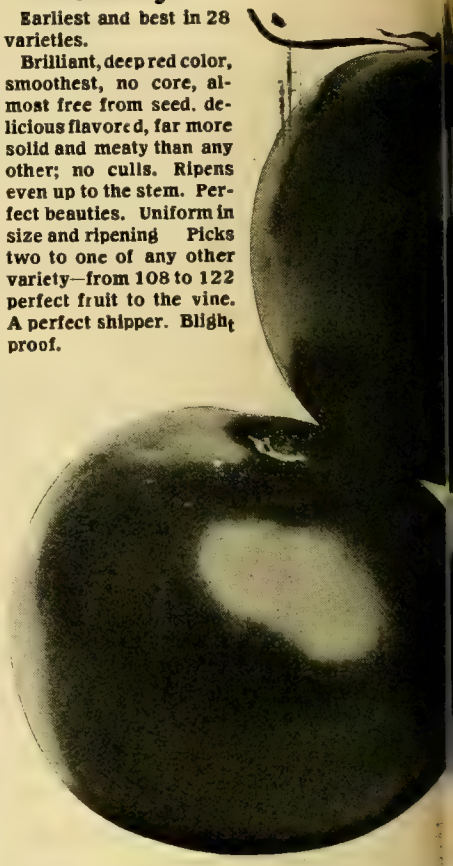
PRODUCES PERFECT, SOLID, HIGH CROWN, BEAUTIFU

From large, strong, well matured plants in veneer band with roots undisturbed.

Quality

Earliest and best in 28 varieties.

Brilliant, deep red color, smoothest, no core, almost free from seed, delicious flavored, far more solid and meaty than any other; no culls. Ripens even up to the stem. Perfect beauties. Uniform in size and ripening Picks two to one of any other variety—from 108 to 122 perfect fruit to the vine. A perfect shipper. Blight proof.



"John Ba

The Earliest and

1st—"John Baer" Tomato produces large, beauti solid shipping Tomatoes in 30 days from la strong, well matured plants grown in Veneer Paper bands, with roots undisturbed.
2nd—"John Baer" Tomato produces the most fect High Crown Tomatoes ever grown, enti free from core.
3rd—"John Baer" Tomato produces an enorm crop of Tomatoes, 50 to 100 fruit to each plan
4th—Every "John Baer" Tomato ripens eve right up to the stem.
5th—No cripples, no scalds, no blight, no crack no wrinkled, no one-sided, uneven, scarred fr When dead ripe "John Baer" Tomato will burst.
6th—"John Baer" Tomato has a wonderful glist ing, brilliant, bright red color.
7th—"John Baer" Tomato has a mild, deliciou sweet flavor. The finest flavor you have e tasted.
8th—In shape and form exactly like its photogr in colors, on the front cover.
9th—"John Baer" Tomato is almost seedless; it quires 6 to 8 bushels of "John Baer" Toma to make one pound of seed. A marvelous S Setter, often ten fruit in first cluster; solid meaty.
10th—"John Baer" Tomato has just enough foli —will stand plenty of manuring without going vine. Set plants 3x3½ feet.

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Almost 100 Years

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R" TOMATO

"AS YE SOW SO SHALL YE REAP"

TOMATO ON EARTH.

ILLIANT, DEEP RED SHIPPING TOMATOES IN 30 DAYS.

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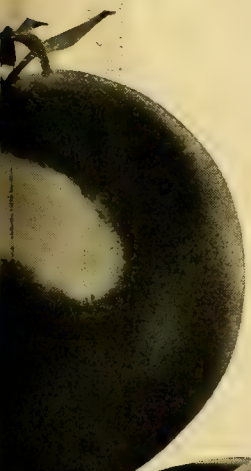

Earliness

Ten days earlier than Earliana in Canada. Earlier and better than Earliana in New Jersey. Ten days earlier than Globe in Florida. Planted six weeks later but come first in Texas. Three weeks ahead of any in Virginia. Three weeks ahead of any in New York Three weeks ahead of any in Washington. Two weeks ahead of any in Maryland. Set out May 30th, picked ripe fruit June 17th in New York.

Tomato

Tomato on Earth

h—"John Baer" Tomato is the most perfect ship-ping Tomato ever grown—24 fruit exactly fill a ix-carrier basket.

h—Each beautiful "John Baer" Tomato weighs bout 6½ ounces.

h—"John Baer" Tomato Seed was saved only by John Baer, the originator, who personally se-ected and picked every Tomato, from which he aved this seed, selecting only the most beauti-ul, perfect fruit of the Early Stem Set Clusters.

h—"John Baer" Tomato is the offspring of two narvelous Tomatoes—one great specialist having levoted ten years in selecting and improving one parent, and another expert devoted five years in selecting and improving the other parent. The 'John Baer" Tomato is, therefore, the result of Fifteen Generations of Improvement and Selection for earliness, quality, shape, fruit, color and shipping quality.

—As a Packing Tomato, "John Baer" is a mira-le. They all pack Fancy, no seconds, and all pack whole. Peelers can prepare three bushels 'John Baer" Tomatoes to one bushel of any other Tomato. Being such a tremendous yielder a bushel of "John Baer" Tomatoes can be gathered in one-third the time of any other Tomato. A large Baltimore Tomato Packer had all the "John Baer" Tomatoes he could secure packed separately, run-ning them through a special process for his fanciest trade and his own private use.

O & SON 1915

g Trustworthy Seeds

TIMORE, MD., U. S. A.

"John Baer" Tomato the Earliest of Six Different Kinds

James S. Casey, Middlesex Co., Mass., writes Sept. 11th, 1914: "'John Baer' Tomatoes have done fine. They were the earliest of six different kinds I grew this year and now, the middle of September, are still full of ripe and green fruit, in spite of the season being cold and wet. Shall grow more of them another year."

"John Baer" Proved Earlier, Larger, Stronger, More Prolific, and Stands Extremes of Weather Better Than Bonny Best

Mr. E. G. Bell, Grower of Specialties in Vegetables, Pike County, Pa., writes Oct. 23d, 1914: "I tested 'John Baer' Tomato with Bonny Best Tomato. I took 100 'John Baer' Tomato plants and planted them on an inside row of a patch of 8,000 Bonny Best, and the 'John Baer' proved earlier, larger, stronger grower, more prolific, and will stand extremes of weather better than any other Tomato I have ever grown or seen. 'John Baer' Tomato is a tremendous cropper of large, smooth, solid Tomatoes of good quality."

"John Baer"—3 Weeks Ahead of Any Other Tomato

Mr. R. T. Scott, Nottoway Co., Va., Aug. 24th, 1914, writes: "'John Baer' Tomatoes were ready for market three weeks before any other Tomato in our locality. I have been picking fine, large Tomatoes off of them for over two months. I had a very successful crop."

"John Baer" Tomatoes Pay Him More Than $1.00 per Plant

Mr. N. S. Britt, Hancock Co., Ga., writes July 27th, 1914: "I can't say too many good things about 'John Baer' Tomato. I have a patch I planted very early, from which I have already realized $1.00 per plant, besides furnishing all that we needed for my twenty-eight room hotel, and these same plants are still bearing. My main crop of 'John Baer' Tomatoes are just beginning to bear and they promise well."

"John Baer" All Smooth and Fine—Chalk's Jewel Were No Good At All

Mr. Peter J. Losson, Floyd Co., Ind., Aug. 16th, 1914, writes: "'John Baer' Tomato is the smoothest and best all-round Tomato I have found in my experience of twenty years in Tomato growing. I have had the Chalk's Early Jewel as my best early Tomato for eight years. I planted half 'John Baer' and half Chalk's Jewel this year. We had a bad Spring; first too cold, then extremely hot, then long drouth. The Chalk's Jewel were no good at all, but 'John Baer' were all smooth and fine all the way through."

Never Saw Such a Wonderful Grower or Prolific Fruiter as "John Baer" Tomato

L. L. Adsit, Greene Co., Ohio, writes Sept. 25th, 1914: "Last Spring I bought of you some 'John Baer' Tomato seed, planted it carefully and gave it special attention, staked each plant, kept the suckers off of them. I treated the 'John Baer' as I do all my early sorts for early market. I have made a hobby of Tomatoes for twelve years, and have tried all sorts in almost every way of growing them. Yet I was not prepared for the great surprise I had in 'John Baer.' To say I was pleased was putting it mild. I never saw such a wonderful grower or prolific fruiter in my life. As to quality, it was simply fine. Beat all other sorts I ever tried, and I have tested seventy sorts in one year."

Hurrah for "John Baer"—He That Laughs Last—Laughs Best

Mr. Edward Faidley, Sullivan Co., Tenn., Aug. 7th, 1914, writes: The 'John Baer' Tomatoes are the finest I ever had. I bought an ounce from you last Spring. Some other gardeners hooted at me paying $4.00 an ounce for them. Now I am selling Tomatoes at fancy prices, while others are selling at any old price they can get. I have always found Bolgiano's seed A No. 1."

"John Baer" Very Good Tomato for Vermont

George H. Mass, Windsor Co., Vt., Sept. 3d, 1914, writes: "'John Baer' Tomato is quite early. We find it a very good Tomato for this climate. It is of good size, smooth, round fruit and a good yielder."

"John Baer" Three Weeks Earlier and Far Superior

Mr. William Peterson, Asotin Co., Wash., Aug. 13th, 1914, writes: "'John Baer' Tomatoes are far superior to two other well-known early varieties of Tomatoes. The 'John Baer' picked three weeks earlier and are far superior to the other two varieties in size, color and productiveness. Although we are having a long, hot, dry season, the 'John Baer' plants are holding up in fine shape."

Weather Tremendously Hot—Without Rain for 2 Months—"John Baer" Produced Nice, Smooth Plump Fruit in Kentucky

Mr. Oscar Howe, Hancock Co., Ky., Aug. 6th, 1914, writes: "'John Baer' Tomatoes turned out all I expected. It is a nice, smooth, plump Tomato. It has been tremendously hot, without rain, for the past two months, so the weather conditions have been against us, and yet we had fine Tomatoes."

"John Baer" the Best Tomato in Kansas

Mr. H. W. Drake, Atchison, Kansas, Aug. 17th, 1914, writes: "'The John Baer' Tomato was the earliest Tomato for its size of the five varieties I raised. It was much the best of all Tomatoes I have ever raised. 'John Baer' is early, large, smooth, good flavor, a good slicer, and a perfect canning Tomato. It is the best Tomato I know."

"JOHN BAER" TOMATO
The Earliest and Best Tomato on Earth

A Week to Ten Days Earlier Than Livingston's Globe

Mr. H. E. Ruckert, Sec.-Treas. Terrell Land and Development Company, Florida, writes, May 22d, 1914: "After careful and exhaustive tests, 'John Baer' Tomatoes, planted on hammock land, rich soil, heavily fertilized, produced the best results of all. Produced a heavy vine, full of fruit and matured a week to ten days earlier than Livingston's Globe, planted at the same time under like conditions. The soil is naturally moist and fruit was only damaged slightly by the drought."

Never Tasted Such Nice Tomatoes as "John Baer"

Mr. G. P. Butler, Jr., Santa Cruz, Calif., Aug. 25th, 1914, writes: "'John Baer' Tomato is all you claim for it. It is certainly a good one. All my customers say they have never tasted such nice Tomatoes before. I shall plant the same Tomato next year."

"John Baer" Best Tomato Ever Grown in Colorado

The Colorado State Agricultural College, E. P. Sandsten, Horticulturist, Aug. 31st, 1914, writes: "'John Baer' Tomato has shown to be the best Tomato we have ever grown. Not only is it as early as any Tomato we have tried, but the fruit is more uniform and the size and ripeness more uniform. 'John Baer' is undoubtedly an excellent Tomato and one we shall grow again, especially for forcing, as I believe it will prove a success. For outside culture it has certainly proven a great Tomato."

"John Baer" Tomato Wins in Competition with Comet

Herman Brownschweig, Marlboro, Mass., writes Sept. 20th, 1914: "I bought some of your 'John Baer' Tomato last Winter and I must say it is far superior to any other Tomato. I grew 'John Baer' Tomato under glass and it produced more and better fruit than either the Comet or Dwarf Stone."

Earlier Than Earliana in Missouri

University of Missouri, Columbia, Oct. 23d, 1914: "'John Baer' Tomato ripened earlier than the Earliana with us this year. It has a much larger plant and bears more fruit and continues to bear much longer than Dwarf Champion. The quality of 'John Baer' Tomato is high for so early a variety. I regard it as slightly superior to Earliana in flavor. I personally regard 'John Baer' Tomatoes as one of the best early Tomatoes we have ever grown."

"John Baer" Tomatoes Never Crack

Mr. Fred H. Ruf, Hillsboro Co., N. H., Sept. 3d, 1914, writes: "'John Baer' Tomato was by far the best of the three new Tomatoes I tried this year, and much superior to my own variety. It ripens earlier and quicker than any. The fruits are round, perfectly smooth and never crack. Cracking was a serious trouble I had with all the other varieties. I shall grow no other Tomato but 'John Baer' next year."

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TOPEKA, KAN.—Kansas will have two state fairs—the Topeka and Hutchinson institutions—if a bill introduced in the house January 20 by Representative Bird of Shawnee is passed. It is the purposes of the supporters of the Bird bill to provide for two state fairs. Because of the location of Hutchinson and Topeka, the two towns serve different interests and draw from different territory.

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
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GRAND RAPIDS FLORAL CO.
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	Per 100	Per 1000
Allemania	$2.50	$20.00
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Buttercup	5.00	40 00
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Im. Mont Blanc	7.00	65 00
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Mad. Crozy	3.00	25.00
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Mrs. A. Conard	12.00	100.00
Mrs. Karl Kelsey	$3.50	$30.00
New Chicago	10.00	90 00
Niagara	2.50	20.00
Prince Wied	2.50	20.00
Queen Charlotte	3.50	30 00
Souv. de A. Crozy	3.50	30.00
The Express	5.00	40.00
Venus	3.50	30.00
Wm. Sanders	5.00	45.00
Wyoming	3.00	25.00

ROSE PLANTS, Grafted and Own Root

THE UP-TO-DATE AND POPULAR VARIETIES.

	2½ inch pots O. R. Per 100	2½ inch pots Grafted Per 100
Geo. Elgar, New Yellow Cecile Brunner	$15.00	$25.00
Hoosier Beauty, The New Red Rose		35.00
Mrs. F. F. Thompson, Shell Pink, Sport of Shawyer	30.00	35.00
New White Shawyer	30.00	35.00
	Per 1000	Per 1000
Mrs. Chas. Russell		$130.00
Mrs. Geo. Shawyer	$65.00	110.00

	2½ inch pots O. R. Per 1000	2½ inch pots Grafted Per 1000
Killarney Brilliant	$60.00	$110.00
Sunburst	65.00	100.00
Francis Scott Key	100.00	100.00
Ophelia	100.00	130.00
Hadley	80.00	120.00
Prince E. C de Arenberg	65.00	120.00
Milady	65.00	120.00

For 3½ inch plants wanted at planting time write for special quotations.

FIELD-GROWN ROSE STOCK

CLIMBING ROSES—	2 yr. Per 100	3 yr. Per 100
Alberic Barbier	$14.00	$16.00
Crimson Rambler	15.00	18.00
Desire Bergera	15.00	
Delight	15.00	18.00
Dorothy Perkins	15.00	18.00
Excelsa	18.00	20.00
Flower of Fairfield	16.00	18.00
Lady Gay	15.00	18.00
Tausendschon	16.00	18.00
White Dorothy Perkins	16.00	18.00
BABY RAMBLER ROSES—		
Crimson Baby Rambler	14.00	16.00
Erna Teschendorff	18.00	22.00
Jessie	18.00	20.00
Mad. J. Gouchault	35.00	

HYBRID PERPETUAL ROSES—	2 yr. Per 100
Alfred Colomb	$14.00
American Beauty	15.00
Baroness Rothschild	14.00
Fisher Holmes	15.00
Frau K. Druschki	14.00
Gen. Jacqueminot	14.00
John Hopper	14.00
Mabel Morrison	15.00
Magna Charta	$14.00
Marshall P. Wilder	15.00
Mrs. J. Laing	14.00
Paul Neyron	14.00
Prince C. de Rohan	14.00
Ulrich Brunner	14.00
Victor Verdier	15.00

HYBRID TEA ROSES—	2 yr. Per 100
Avoca	18.00
Capt. Christy	15.00
Caroline Testout	15.00
Gruss an Teplitz	15.00
J. B. Clark	16.00
Jonkherr J. L. Mock	18.00
Kaiserin A. Victoria	16.00
Killarney	18.00
Lady Ashtown	18.00
La France	15.00
Mrs. Aaron Ward	18.00
White Killarney	20.00
VARIOUS ROSES—	
Rugosa Alba	15.00
" Rubra	14.00

Choice Ferns

Assorted Ferns for Dishes—	Doz.	Per 100	Per 1000
A choice assortment, our selection of varieties, 2¼-inch	$0.50	$ 3.00	$25.00
Boston Ferns—	Each	Doz.	Per 100
3-inch pots	$0.15	$ 1.25	$ 8.00
4-inch pots	.25	2.50	20.00
5-inch pots	.40	4.50	35.00
6-inch pots	.75	8.00	60.00
7-inch pots	1.00	10.00	75.00
8-inch pots	1.25	14.00	100.00

Carnation Cuttings

FOR IMMEDIATE DELIVERY.

	Per 100	Per 1000
Alice	$12.00	$100.00
Champion	6.00	50.00
Enchantress	3.00	25.00
Gloriosa	3.00	25.00
Good Cheer	12.00	100.00
Herald	3.50	30.00
Matchless	6.00	50.00
Pink Sensation	12.00	100.00
Philadelphia	3.00	25.00
Rosette	3.00	25.00
White Enchantress	3.00	25.00
White Wonder	3.00	25.00

Book For Florists, Spring 1915, Now Ready.

Chicago **Vaughan's Seed Store** **New York**

Greenhouses: Western Springs, Illinois.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

W. ATLEE BURPEE, Sr., and Junior, Philadelphia, Pa., and H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia., were inspecting banana fields at Bocas, Panama, January 26.

ONION SET prices at Chicago are generally weaker both with growers, who carry their own product, and jobbers. Stocks have wintered well, the shrinkage being three pounds per bushel below normal.

VISITED CHICAGO: Mrs. M. W. Johansen, of the Victor-Johansen Seed Co., Los Angeles, Calif.; H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City. Ia.; J. L. Schilder, of Schilder Bros., Chillicothe, O.

CHICAGO.—Prices for grass seed on the Board of Trade February 10 were as follows: Timothy, $6.00 to $7.25 per 100 pounds.—A. H. Goodwin attended the funeral of the late Jesse E. Northrup, at Minneapolis, February 6.

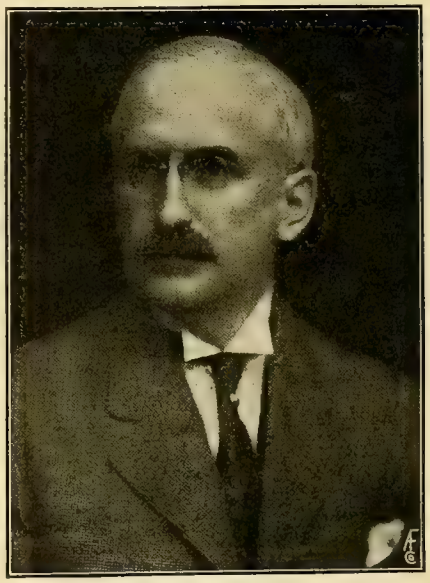
DEALERS and planters of all imported bulbs who are figuring on the same prices as last year will do well to consider ocean freight rates on such heavy items as Dutch bulbs. Double or treble freight rates may well be anticipated again. Lily exporters of Japanese cargoes via Suez lost heavily this year by internment of carriers.

THE seedsmen represented at the annual convention of t e American Canners' Association at New York this week include the Leonard Seed Co.. Chicago; the Jerome B. Rice Seed Co., Cambridge, N. Y.; D. M. Ferry & Co., Detroit, Mich.; S. D. Woodruff & Son, Orange, Conn.; J. Bolgiano & Son, Baltimore, Md.; the Everett B. Clark Seed Co., Milford, Conn., and N. B. Keeney & Son, Le Roy, N. Y.

NEW YORK.—At Vaughan's Seed Store, February 6, we noted great activity in sending out catalogues. John R. Walsh, who has been bookkeeper at this store for nearly seven years, has resigned to accept a position in San Francisco. He is succeeded by R. C. Blair.—C. W. Scott, of the Yokohama Nursery Co., returned February 6 from his western trip. A. Kakuda, of the same firm, is still in San Francisco assisting in the arrangement of his company's exhibit.—Roman J. Irwin is now well settled in his new offices at 108 West Twenty-eighth street.—Weeber & Don have recently been featuring agricultural and horticultural books in their show windows.—Harry A. Bunyard has established temporary quarters on his own account at Traendly & Schenck's, 131 West Twenty-eighth street.—Peter Henderson & Co., in a recent newspaper advertisement, advise readers to reduce the cost of living by stating that "half of the living expenses, during many months of the year, are for vegetables which could easily be grown in their own gardens."

Market for American Seeds in India.

Consul James O. Laing writes from Karachi, India, December 14, to the Bureau of Foreign and Domestic Commerce, as follows: "An opening exists in India for garden and vegetable seeds, a large part of the supply having been cut off by the war. The seasons are the early spring and October, but there is a fair demand for garden seed in many places throughout the year. A considerable shortage is being felt in western India, and seed is being obtained from the government gardens at Lucknow (flowers) and Saharanpur (vegetables). American firms who desire to enter the Indian market should address these gardens. Representatives of British seed houses are expected in India in January to look after the spring trade. It is thought that they will offer very low prices to get a foothold in the market. Poona, near Bombay, is one of the chief garden centers of India, and Calcutta and Madras use considerable quantities of seed, but there is not much demand for garden seeds in Karachi." [The name of a Karachi firm that might be interested in garden seeds may be obtained from the Bureau of Foreign and Domestic Commerce or its branch offices.]



The Late Jesse E. Northrup.
See Obituary, Page 167.

Consul Henry D. Baker writes from Bombay, India, December 21, to the Bureau of Foreign and Domestic Commerce, as follows: "There are two distinct seasons in India for the growth of flowers and vegetables peculiar to each—the rainy season and the cold season. The seeds for the rainy season are sown in June, and those for the cold weather in October. Generally the supply from Europe for both these seasons is obtained in one lot in April or May where the climatic conditions—such as those at Poona, Bangalore, and places in Upper India—allow of seeds for the cold season being kept without deterioration for sowing in October. In Bombay the hot and moist weather in the rainy season soon affects the seeds, and they lose their germinating power to a great extent. Hence the supply in Bombay has to be obtained in two lots, one in May for the rainy season and the other in October for the cold season." [The names of Bombay seed firms may be obtained from the Bureau of Foreign and Domestic Commerce or its branch offices.]

The Bureau of Foreign and Domestic Commerce is located at Washington, D. C., with branch offices at New York, Room 409, United States Custom House; Boston, 752 Oliver building; Chicago, 629 Federal building; St. Louis, 402 Third National Bank building; Atlanta, 521 Post Office building; New Orleans, 1020 Hibernia Bank building; San Francisco, 310 United States Custom House; Seattle, 922 Alaska building.

Giganteum Importers and Growers.

Combinations of importing jobbers of Japan giganteum lily bulbs with large forcing growers of these are reported as being made in many large cities. The jobber takes out first an approximate first cost of say three cents each for the bulbs. The grower plants and cares for the stock and the income from sales is divided on a "fifty-fifty" basis. This may work out all right for these two, but how about the 15 or 20 smaller growers around each town who have to meet such competition, having paid around five cents each to the same jobber for the bulbs they are using? Some disastrous results of the above deals have been seen in the low prices of cut lily flowers in parts of the middle west the past season. One Japanese firm is said to have consigned 1,000 cases to America the past autumn. If so, the American dealer who billed them out on a partnership 3-cent basis doubtless took a fair commission and had his further chances free. A revision of these plans seems necessary to put the lily growing business on a fair and sane business basis.

Pieters-Wheeler Seed Company
Growers of High Grade SEED
Gilroy, California
Onion, Lettuce, Radish, Sweet Peas Etc.
Correspondence Solicited.

Alfred J. Brown Seed Co.
Growers of
Peas and Beans
Grand Rapids, Mich.

Braslan Seed Growers Company
Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.
SAN JOSE, CALIFORNIA
Write for 1915 Contracting Prices.

Rawson's Arlington White Spine Cucumber
grown under irrigation by

Western Seed & Irrigation Co

Seed Growers and Dealers, Specialties:
Cucumber, Musk and Watermelon,
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - NEBRASKA

Mention the American Florist when writing

Thorburn's Seeds

WE often have an overstock of popular seeds and bulbs which we are able to supply below the market.

Ask us about it and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

FOR EASTER FORCING I OFFER THIS MONTH

SURPLUS OF 300,000 VALLEY PIPS

Florist Money Maker Brand, Best valley at moderate price. $12.50 per 1000; $6.50 per 500; $3.50 per 250; $1.75 per 100. This stock is equally as good as any valley imported and offered at a much higher price. To help out my foreign growers enables me to quote this low price.

Chicago Market Brand, best valley in existence. $15.00 per 1000.

Cold Storage Valley (crop 1913). $18.00 per 1000; $9.50 per 500; $5.00 per 250; $2.00 per 100.

H. N. BRUNS 3032 W. Madison St. CHICAGO, ILLINOIS.

Mention the American Florist when writing

FLOWER SEEDS For Early Sowing

Complete List for the Asking.
10 per cent discount for Cash.

THEY'RE FRESH	T. P.	Oz.
Ageratum, blue	$0.10	$0.25
Alyssum Little Gem	.10	.45
Aster Queen of Market, Mixed	.10	.50
Begonia Erfordii	.25	
Cobaea Scandens, purple	.10	
Dracaena Indivisa	.10	.25
Forget-Me-Not Victoria	.15	.80
Mignonette Machet	.10	.50
Petunia, California Giants	.25	
Salvia Splendens	.15	1.00
Salvia Fireball	.25	

CROP OF 1914	T. P.	Oz.
Lobelia Speciosa	$0.10	$0.50
Lobelia Crystal P. Comp	.15	1.25
Pyrethrum Aureum	.05	.25
Smilax	.10	.25
Snapdragon, Giant	.10	.30
Stock, Cut and Come Again	.25	
Stock, Ten Weeks, mixed	.25	
Stokesia Cyanea	.15	
Thunbergia	.10	.40
Verbenas, Mammoth	.15	1.00
Vinca, mixed colors	.10	.40

Wholesale List mailed as soon as ready.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and **German.**

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Mention the American Florist when writing

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

ONION SETS

GROWERS FOR THE TRADE
Write for Prices

Mention the American Florist when writing

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners.

Winter-Flowering
Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

MANN'S
Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,
Branches Michigan, Wisconsin and Idaho.
MILFORD, CONN.

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and **FLOWER SEEDS** in general; **TOMATO, LIMA** and **POLE BEANS,** write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting **ONION SETS.**

Schilder Bros., CHILLICOTHE, OHIO.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

GARDEN SEED

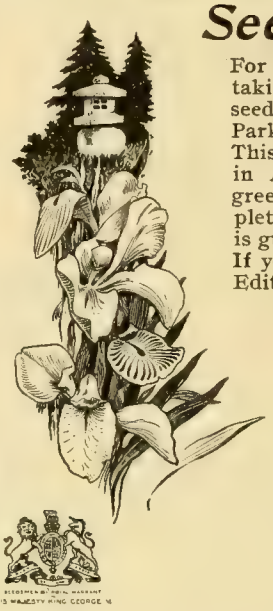
BEET, CARROT, PARSNIP, RADISH and **GARDEN PEA SEED** in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

TOMATO SEED

Grown For The Wholesale Seed Trade.
Contract orders now being booked for delivery after harvest, 1915.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.



Seeds With a Pedigree.

For generations James Carter & Co. have used painstaking English methods in selecting and testing their seeds. The Carter trial and testing grounds at Raynes Park have become celebrated in Great Britain.
This explains the remarkable record of Carters seeds in American Gardens. These "Seeds with a Pedigree" can now be purchased in this country. A complete stock is carried in Boston and prompt service is guaranteed.
If you do not have the 1915 Carter Catalog, American Edition, write for it today.

CARTER'S TESTED SEEDS, Inc.
125 Chamber of Commerce Bldg., Boston, Mass.
Branch at Seattle, Wash.
In Canada, 133 King St. E., Toronto.
Branch of JAS. CARTER & CO., RAYNES PARK, ENGLAND

Carters Tested Seeds

Mention the American Florist when writing.

WARNAAR & CO., Sassenheim, HOLLAND,

Raisers and introducers of new and rare Darwin Tulips, Cottage Tulips, Narcissus. Hyacinths, Spireas, Dahlias, Phloxes, Delphiniums, etc., offer the most complete list of Paeony-flowered Dahlias.

Out of 110 new varieties of this section, represented in 1914 at the trial grounds of the R. H. S. England, we gained the Cup with Mrs. J. C. Vaughan and awards for Hort. Fiet and Great Britain.

Our Paeony-flowered Dahlias are the best in stem, color and shape, the best for cutting and as decorative garden plants.

We recommend:	Per 100		Per 100
Mrs. J. C. Vaughan, 1st C. C., lemon yellow. The Cup variety	$50.00	**Geisha,** 1st C. C., scarlet and gold	$12.00
Great Britain, 1st C. C., mauve	30 00	**America,** 1st C. C., apricot orange	20.00
Hort. Fiet, 1st C. C., salmon buff	25 00	**Avalanche,** award, a new white	20.00
Chatenay, 1st C. C., salmon rose	50.00	**Alice Roosevelt,** award, pale mauve	10.00
Leo XIII, 1st C. C., deep yellow	30.00	**Dr. Peary,** award, mahogany	12.00

Ask for complete list and prices.

Care of J. W. HAMPTON, JR. & CO., 17 Battery Place, New York.

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey

Waldo Rohnert

GILROY, CAL.
Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

DREER'S RELIABLE FLOWER SEEDS

Dreer's Double Blue Cornflower.

We offer below a short list of the more important varieties that should be sown early.

For complete list see our Wholesale Price List.

	Trade Pkt.	Oz.
Ageratum, Blue Perfection, best dark blue bedder	$0.15	$0 50
" Cope's Pet, best light blue bedder	.15	.35
Alyssum, Little Gem or Carpet of Snow, very dwarf, select stock	.15	.60
Antirrhinum, Giant. in 6 colors, each	.20	.60
" Giant, finest mixed	.15	.50
" Half dwarf, in 6 colors, each	.20	.60
" Half dwarf, finest, mixed	.15	.50
Asparagus Plumosus Nanus, true, greenhouse grown, $3.50 per 1000 seeds; $30 00 per 10,000 seeds.		
Asters. (See our Wholesale Catalogue).		
Begonia, Erfordii. Rosy carmine	.30	
" Gracilis rosea. Rose	.30	
" Gracilis luminosa. Fiery red	.50	
" Vernon. Orange red dark foliage	.30	2.50
" Semperflorens, mixed	.30	2.00
Candytuft Empress. the best white, ¼ lb. 60c	.10	.20
Centaurea Gymnocarpa, white leaved	.15	.35
" Dreer's Double blue Cornflower, ¼ lb. $2.00	.15	.60
Cineraria Maritima Candidissima (Dusty Miller)	.10	.20
Cobaea Scandens, purple	.15	.40
Coleus, Dreer's Hybrids, mixed	.50	2.50
Dracaena Indivisa, ¼ lb. $1.00	.10	.30
Grass Pennisetum Longistylum	.10	.25
" " **Rueppelianum** (Purple Fountain Grass)	.10	.25
Heliotrope, Lemoine's Giant mixed	.30	1.50
Ipomea Grandiflora (Moonflower), ¼ lb., $1.25	.15	.40
Lobelia Crystal Palace Compacta, dwarf dark blue	.25	1.25
" **Speciosa**, dark blue trailing	.15	.50
Nierembergia Frutescens	.15	.50
Petunia, Dreer's Superb Single Fringed Mixed, ⅛ oz., $1.50	.50	
" " " Double " " 75c per 500 seeds		
" " " " " " $1.50 per 1000 seeds		
Stocks, Large-flowering, 10-week. in six colors, each	.40	2.50
" " " " Finest Mixed	.30	2.00
Sweet Peas. (See our Wholesale Price List).		
Thunbergia, mixed	.15	.50
Torenia Fournieri	.40	2.00
Vinca rosea, in 3 colors each	.15	.60
" " Finest mixed	.15	.50
Verbena hybrida, Dreer's Mammoth. in 6 colors each	.30	1.50
" " " " Finest mixed	.25	1.00

	Trade Pkt.	Oz.
Pyrethrum Aureum (Golden Feather)	.10	.25
Salvia Splendens (Scarlet Sage)	.25	1.25
" " Bonfire, fine compact sort	.50	2.50
" " Zurich, early flowering dwarf	.50	3.50
Smilax, ¼ lb., $1.00	.10	.35
Solanum Capsicastrum (Jerusalem Cherry)	.10	.25
" **Fra Diavolo**, new dwarf	.15	.50

HENRY A. DREER, 714-716 Chestnut St., Philadelphia, Pa.

King Humbert Cannas

Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5.00 per 100; 4 in. plants, $8 00 per 100.

Satisfactory references or cash.

W. W. COLES, Kokomo, Ind.

Fancy Caladium Bulbs

4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

Tampa Floral Co., Tampa, Fla.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

THE

J.C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Trade Directory

Price: $3.00, postpaid

American Florist Co.,

440 S. Dearborn St., CHICAGO

Seedsmen requiring the very best selections of

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

Mention the American Florist when writing.

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED-GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing.

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., at $1.25 per 100.

Asp. Plumosus and **Sprengeri,** 2¼ in. pots, $2.00 per 100.

Vinca Variegata, 3x3½-in. pots, $5.00 per 100.

Cyclamen, 3-in. pots, in bud, $3.00 100.

Geraniums, S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Pansy Plant, Giant flowering, $2.50 per 1000.

Primula Obconica, $1.00 per 100 to close out.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

Mention the American Florist when writing

Lily of the Valley Pips

From Cold Storage.

2500 to case	per 1000,	$17.00
New crop, 1000 to case	per 1000,	16.25

Spiraea

Gladstone, white	100 to case,	$6.00
Peach Blossom, pink	100 to case,	7.00

ST. LOUIS SEED CO.

411-413 Washington St., St. Louis, Mo.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

THE John Baer tomato is attracting considerable attention as an early and productive variety.

NASHVILLE, TENN.—Louis Haury, Jr., is building eight houses, 20x100 feet and one house 10x100 feet for vegetables; Foley construction materials.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½ inch staves and 17⅛-inch heads, head material not thicker than 2-5 of an inch.

Prices of Indoor Fruits and Vegetables.

Chicago, February 9.—Mushrooms, 60 to 65 cents per pound; lettuce, 10 cents to 12½ cents per box; radishes, 12½ cents to 30 cents per dozen bunches; asparagus, $2.00 per dozen bunches; celery, 12 stalks, 10 cents to 20 cents; cucumbers, $1.25 to $2.00.

New York, February 9.—Cucumbers, $1.50 to $2.00 per dozen; mushrooms, 50 cents to $1.25 per 4-pound basket; tomatoes, 15 cents to 25 cents per pound; radishes, per 100 bunches, $2.00 to $3.00; lettuce, per strap, $1.25 to $2.00.

Angle Worms in Lettuce Beds.

ED. AMERICAN FLORIST:

Is there any way to destroy angle worms in lettuce beds on benches without damaging growing lettuce?

A SUBSCRIBER.

Tennessee.

Lime in some form is the accepted remedy for angle worms. Where lettuce is young and there is room to work between the plants, it would be best to apply either hydrate or air-slaked lime between the rows and then give a good watering. If lettuce is too large, lime water can be applied. In either case no injury should result to the crop. Lettuce is very often benefited by lime; we use lime constantly as a tonic for lettuce. Its only detriment can be said to be its caustic effect upon humus, liberating the nitrogen. Therefore, if a soil is not full of humus lime should be followed by an application of old manure to guard against an impoverishment of the soil. "Lime, and lime and no manure, will make both farm and farmer poor," is an old proverb. If beds are spaded up, and worms are a pest, they can be immediately destroyed by a very small application of lime. Air slaked lime can be made in a few days by exposing common builders' lime to the air in a greenhouse long enough to pulverize the lime. It is then ready for use. Since we can now obtain hydrated lime in convenient paper sacks at a nominal price, in any quantity and always ready for use, we have abandoned builders' lime entirely. Angle worms are a benefit to some soils if they are not too numerous, as they help to aerate the soil, and their numerous holes carry the surface water down to lower depths.

MARKETMAN.

Providence, R. I.

TRADE CONTINUES QUIET.

Everyone is getting ready for the St. Valentine day trade this year, but on account of the season being unusually quiet, things are not being shown on as large a scale as usual. Several of the florists are showing heart-shaped boxes for violets, of which there will be a good supply. Violets are good and should sell well. Sweet pea corsages will be shown and are excellent. All stock is fine. Carnations never were better, especially the new Matchless, which are perfect. Roses are good. Marguerites are being shown now and are excellent for corsages. Daffodils and Paper Whites are fine, and giganteum lilies are of first quality. Business is very quiet and very little doing in any line. Floral work comes in flurries.

NOTES.

W. Cohen, of Smith the Florist's staff, has left to take a position elsewhere.

The florists' club banquet and entertainment will be held February 22.

Edgar Nock of Wheeler avenue is cutting first quality orchids.

H. A. T.

Pittsburgh.

STOCK SHORT BUT BUSINESS POOR.

A grip of real cold weather seized Pittsburgh February 5 and has remained with us ever since, consequently we are safe in saying that the market is in a very tight fix, as the lack of sunshine and warmth have cut the supply down to a minimum. As the lack of sunshine will not bring out the color on the shorter grades of roses, they must all be pinched back to get a flower with a distinguishable pink or red. This results, of course, in there being an oversupply on the longer grades of roses, with very few of the medium grades of stock to offer. American Beauty roses are almost completely off crop, and are bringing very high prices for what few can be had of them. Carnations, sweet peas, lilies and Paper White narcissi are also quite scarce. There are plenty of daffodils, tulips, hyacinths, lilac, violets and lily of the valley. The sale on lily of the valley seems to have dropped off altogether, and quantities of this stock are thrown away every day, although the quality is as good as can be expected. But the general complaint from everybody, we might admit, is that business is very poor, but probably no worse than that of any other nearby cities, whose reports are not much more encouraging. However, we console ourselves when we think that it must get better some time soon, and the best and only thing to do is to "grin and bear it."

NOTES.

The trade around the market and wholesale districts were quite surprised recently to learn of the approaching marriage of Mrs. Annie Garrity, who has conducted a retail flower store in Pittsburgh market for a number of years. The wedding is to take place the coming week, and a new residence on Market street is being prepared.

Peter Hopman, of New Galilee, Pa., was a visitor in town Monday. He reports that his crops of roses and carnations will be on strong and steadily from now on. He also says that Wm. Lauch, whom he succeeded in the business, is quietly enjoying life at home with a new Mitchell automobile.

Earle Mann, of the E. G. Hill Co., Richmond, Ind., stopped off here on his way home from the Buffalo convention, and took great pride in showing the city trade their new roses, "Hoosier Beauty" and "Ophelia."

Ray Daschbach has a novel display at his Wood street store, featuring a woodland scene with a large number of live canaries.

The A. W. Smith Co. have added a new Commerce truck to their fleet of delivery vehicles.

Visitors: J. A. Peterson, Cincinnati, O.

G.

Massachusetts Horticultural Society.

The Massachusetts Horticultural Society held its midwinter exhibition at Horticultural hall, February 6-7. The keen competition in nearly every class made the show one of the best seen here for some time. The Begonia de Lorraine exhibits were far above average and some very fine specimens were on display. Freesias also made a very interesting exhibit. The class for Primula malacoides brought out some very fine plants, the white variety being especially good, and much interest was shown in this exhibit as it is practically a new thing. The keenest competition in the whole exhibition was brought out by the big display of carnations. The quality of flowers was so good that it made judging rather difficult. A. Rogers' vase of Alice Coombes showed up very fine, and was much admired both from the spectators' and growers' points of view. Among the successful contestants in the classes of plants and flowers who were awarded prizes and gratuities were the following: W. W. Edgar Co., Wayerley, Mass.; S. J. Goddard, Framingham, Mass.; A. A. Pembroke, Beverly, Mass.; J. A. Nelson, Framingham, Mass.; Strouts', Biddeford, Me.; Patten & Co., Tewksbury, Mass. A large number of private gardeners were represented by exhibits in flowers, fruits and vegetables, all of excellent quality.

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HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

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THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white, each, ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant—Pink, Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink, Lavender and White. Trade pkt. 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers very popular with florists. Trade pkt. 25c., ¼ oz. 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting. ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each, ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink, Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis, Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c.

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora, large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1.00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt. $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c. Single striped and blotched, ¼ oz. 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c, ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz. $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c.

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Enchantress, ...	$2.50 per 100;	$20.00 per 1000
White Enchantress, . . .	2.50 per 100;	20.00 per 1000
White Wonder, ...	3.00 per 100;	25.00 per 1000

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The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

VISITED CHICAGO: Arthur H. Bobbink, of Bobbink & Atkins, Rutherford, N. J.

BALLINGER, TEX.—O. J. Hinds has bought the W. W. Allen fruit farm, located near Ballinger, for a consideration of $10,000. Nothing but fruit will be raised on the farm this year, it has been announced.

WHEN in need of stock or supplies of any kind in a hurry it will be a great advantage to have a copy of the latest edition of our Trade Directory at hand for names and addresses. The price of the latest (1914) edition is $3 per copy, postpaid.

STOCKTON, CALIF.—George Weatherby, horticultural commissioner of Humboldt county, reports very heavy shipments of fruit trees into the county. The new planting will be the largest in any one season, as many new orchards are being set out. Apples are the favorite fruit.

COLLEGE STATION, TEX.—Designed especially with the idea of improving general nut culture in Texas, I. E. Cowart, of the department of horticulture of the Agricultural and Mechanical College of Texas, has made available a correspondence course in nut culture, which will be given through the department of correspondence courses of the college.

Remedies for "Damping Off."

Commercial sulphuric acid has been found by the United States department of agriculture to be an effective remedy for the loss of pine and spruce seedlings from "damping off." It is quite common for the soft tissues of these young seedlings to decay so rapidly soon after sprouting that they disappear sometimes before the nurseryman knows that there is anything the matter with them. So common indeed is loss from this source that many nurserymen import their seedling stock from Europe. This, however, is not only troublesome, but dangerous. The white pine blister rust has already been introduced into this country in this way and continued importations of seedlings are certain to result in the establishment in the United States of other foreign pests. For this reason the department attaches much importance to the recent investigations of possible disinfecting agents which will rid the soil of the parasitic fungi which cause "damping off." Of these agents the most satisfactory for commercial use in the majority of cases has been found to be sulphuric acid. Treatment with this acid not only reduces losses from "damping off" but increases germination.

The number of seedlings in treated beds may be from 1¼ to 10 or even 20 times as great as in untreated beds, depending on how serious the disease is in the untreated beds. At most nurseries moreover, the treatment also decreases the number of weeds and causes the pines to make a better growth during their first season. At one nursery, jackpine seedlings have grown three times as high in acid-treated beds as in untreated beds. The treatment is not expensive, for commercial sulphuric acid can be purchased in quantity at very low rates. At one nursery where careful accounts were kept it was found that the entire cost of the treatment, including labor, materials, and extra waterings, was less than $5 per thousand square feet of bed. On the other hand, the saving in the cost of weeding alone, which the treatment made possible, amounted to $5.30 per thousand square feet.

The sulphuric acid is dissolved in water and applied to the beds with a paraffin-coated sprinkler just after the seed is sown and covered. From ⅛ to ⅜ of a fluid ounce of acid should be used per square foot of bed, dissolved in enough water to make 1½ or 2 pints of solution. At some nurseries it is also necessary to water the beds once or twice daily during the germination period to prevent chemical injury to the seedlings. Individual conditions, however, must determine for each nursery whether or not this frequent watering is necessary and exactly how much acid should be used.

Sulphuric acid is now in regular use on the seed beds at nurseries in four western states, Nebraska, Kansas, Colorado and New Mexico. Considerable quantities of carbonates however are contained in some soils in these states their presence being indicated by vigorous effervescence or bubbling when a strong solution of acid is applied. Where this is the case, sulphuric acid is not likely to be effective. In one nursery in Kansas zinc chloride and copper sulphate have been found satisfactory substitutes when used in the same way as sulphuric acid. For zinc chloride ½ ounce avoirdupois is used per square foot; and for copper sulphate ⅜ of an ounce or less. The chloride is less apt to injure seedlings, but is more expensive than the copper sulphate. Despite its greater cost, however, it is possible that the zinc chloride may be preferred both to sulphuric acid and to copper sulphate even on soils which do not contain carbonate.

In some northern nurseries where soil disinfection has not been resorted to, fall sowing has been found to control "damping off" fairly well. At all nurseries where the soil remains frozen during the winter, it is worth while to test sowing just before the soil freezes. Excessive moisture should be avoided in unsterilized seed beds.

Nurserymen who wish to test these remedies should write to the United States department of agriculture for specific advice adapted to their particular localities.

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Shade and Ornamental Trees, Shrubs and Vines.
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Grafting size, 3-5 m/m, not "as they run," but re-graded here, culls thrown out; shrinkage eliminated; all good, at $9.50 the 1000, while they last.
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AND OTHER HEDGE PLANTS
CALIFORNIA PRIVET. Two years, 2 to 3 feet; 3 to 4 feet. Three years, 3 to 4 feet; 4 to 5 feet.
All well branched, bright and clean. The two and three year grades have been cut back one or more times. Very attractive prices for car lots for prompt acceptance.
AMOOR RIVER PRIVET. One year, extra fine, 12 to 18 inches. Two years, 1½ to 2 feet; 2 to 3 feet.
BERBERIS THUNBERGII. Transplanted, stocky plants, 9 to 12 inches; 12 to 18 inches.
J. T. LOVETT, Little Silver, N. J.

Some Excellent Stock

Size of pots.	Per 100	1000
2½ in. **Asparagus Plumosus**	$3.00	$25.00
4 in. **Asparagus Plumosus**	7.50	70 00
2½ in. **Asparagus Sprengeri**	2.50	22.50
4 in. **Asparagus Sprengeri**	6.50	60.00
2¼ in. **Abutilons**, 8 varieties	3.00	25.00
3½ in. **Begonia**, flowering in bloom	8.00	75.00
3½ in. **Cinerarias**, choice mixed	6.50	60.00
3 in. **Cyclamens**, ass't varieties	8.50	80.00
2¼ in. **Fuchsias**, 15 choice varieties	3.00	25.00
2¼ in. **Heliotropes**, 3 varieties	3.00	25.00
2½ in. **Marguerites**, white and yellow	2.75	25.00
2½ in. **Marguerite** Mrs. Sanders	3.00	28.00
4 in. **Primula Obconica**, in bud and bloom	7.50	70.00
3 in. **Primula Obconica**, in bud and bloom	4.00	38.00
3½ in. **Vinca Variegata**	6.50	60.00

5 and 6 in. **Dracaena Indivisa**, 20c and 25c each.

Geraniums, 2 and 2¼ in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, etc., $2.50 per 100; $20.00 per 1000.

Also abundance of other stock, including 30 varieties of **Canna Bulbs**. Correspondence solicited

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Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns**; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia. 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

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If you are short of Blooming Plants, such as

Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,

Wire your order to

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PEKIN, ILL.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft	$1 00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½-ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

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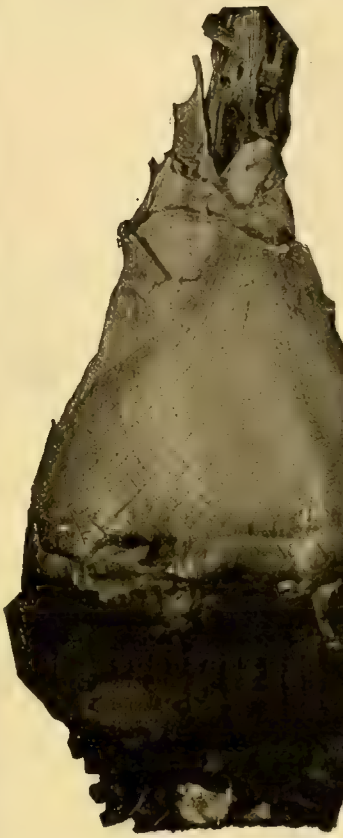

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GLADIOLUS

Of several leading kinds we can supply planting stock, white bulbs under one inch and small black bulblets by the bushel.

	Per 1000
MRS. FRANCIS KING, First Size	$10.00
MRS. FRANCIS KING, Medium Size	8.00
AUGUSTA, First Size	12.00
AUGUSTA, Medium Size	10.00
AMERICA, First Size	12.00
AMERICA, Medium Size	10.00
HYDE PARK	60.00
CHICAGO WHITE, First Size	30.00
CHICAGO WHITE, Medium	25.00
PRINCEPS	30.00
FLORISTS' MIXTURE, Light Colors	15.00

BEGONIAS

(Tuberous Rooted Giant Flowering Varieties)

Singles, in colors, white, scarlet, yellow, pink.
Doz., 40c; 100, $2.50; 1000, $20.00.
Singles, Mixed Colors.
Doz., 35c; 100, $2.00; 1000, $18 00.
Doubles, white, scarlet, yellow, pink,
Doz., 50c; 100, $3.50; 1000, $30.00.
Doubles, Mixed Colors.
Doz., 50c; 100, $3.00; 1000, $28.00.

LILY BULBS

	Per 100
Album, 9-11 inch	$17.50
Auratum, 9-11 inch	10.00
Rubrum, 8-9 inch	6.00
Rubrum, 9-11 inch	9.00

TUBEROSES

TRUE DWARF PEARL.

	Per 1000
First Size, 4-6 inch	$ 8.50
Medium Size, 3-4 inch	5.00
Mammoth, 6-8 inch	15.00

CALADIUM

ESCULENTUM.

	Per 100	Per 1000
5 to 7 inch	$1.75	$15.00
7 to 9 inch	3.50	30.00
9 to 11 inch	5.50	55.00

LILIES

COLD STORAGE

Lil. Giganteum

	Per Case
7-9 inch (300 bulbs to case)	$16.00
8-10 inch (225 bulbs to case)	16.00
9-10 inch (200 bulbs to case)	20.00

Lilium Rubrum

	Per Case
8-9 inch (170 bulbs to case)	$10.00
9-11 inch (100 bulbs to case)	9.00

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LAGER & HURRELL, Summit, N. J.

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Albany, N. Y.

At the meeting of the New York State Federation of Floral Clubs held at Ithaca the Albany Florists' Club was represented by Fred Henkes, formerly president of the organization, and Edward P. Tracey. The delegates were named at the February meeting held in the rooms of the Albany Cut Flower Exchange. F. A. Danker made a report on a visit to Ledyard Cogswell, Jr., treasurer of the Albany Institute, relative to holding a show in the Institute's building in November. Mr. Cogswell said the trustees thought well of the idea and suggested that the club arrange for a date as soon as possible, as the use of the hall might be sought by other attractions. The report led to a lengthy discussion in which the majority of the members expressed their views in interesting ways. The subject was finally left to a committee made up of F. A. Danker, Edward F. Meany, Edward P. Tracey, Fred Henkes. and Louis H. Schaefer, who will report at the March meeting in regard to date, the amount of space available and other details. A special meeting for the growers and retailers and the club members interested in the show was announced for Thursday evening, February 18, at the Albany Cut Flower Exchange. This meeting will settle some details as to the exhibits.

On motion of Fred A. Danker the club resolved to assist, so far as possible, employers in search of help and men in the trade in search of jobs. Names are to be given to the secretary, who will place them in the hands of Thomas F. Tracey, manager of the Albany Cut Flower Exchange, which will act as a kind of clearing house for labor. Two names of men wanting positions were handed in after the meeting. Joseph Traudt, Canajoharie, N. Y., florist, and two others were voted into membership.

R. D.

NEWPORT, R. I.—Members of the Florists' and Gardeners' Club are talking up a mid-winter exhibition.

CUMBERLAND, MD.—Russell C. Paupe has purchased the Flower Shop, located at 53 North Liberty street, formerly conducted by Mrs. Katherine N. Bretz. The store will be in charge of his sister, Miss Mabel Paupe, who has been connected with the Flower Shop for the past two years.

Mrs. C. W. Ward

As a Bread and Butter Variety

What Mr. Fritz Bahr, the famous writer of "The Weeks Work" in the Florist Exchange of January 9th, 1915, says about this variety:

"With a good many of the retail growers, throughout the Middle West in particular, the great merits of Carnation Mrs. C. W. Ward have just been recognized and appreciated. It is one of the best of its color that we have today. Every retail grower should provide room for at least a few, and fairly well grown stock will sell at a higher price than any of the standard sorts on a glutted market."

We have 40,000 Cuttings of this variety ready.

$2.50 per 100; $20.00 per 1000.

For other varieties see classified list in this paper. All stock guaranteed.

J. D. Thompson Carnation Co.,

JOLIET, ILLINOIS.

Chrysanthemum Novelties

In 1890 we sent out or first seedling and each subsequent year have had something good to offer. In fact many of the most popular sorts of today originated with us.

FOR 1915

Our offerings include five Commercial, five Exhibition and six Pompons.

There are None Better Offered

Will be pleased to mail descriptive and prices to those interested.

Elmer D. Smith & Co., Adrian, Mich.

SEASONABLE STOCK

Large Quantities Ready For Immediate Shipment.

	Doz.	100	1000
Acalypha, Macafeana, 2 in.	$0.50	$3.00	$18.50
Alyssum, Double Giant and Dwarf, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Alternantheras, 2 in., 10 var.	.50	2.00	18.50
Asparagus Sprengeri, 3 in.	.75	4.00	
Begonia Vernon, mixed, 2 in.	.40	2.00	18 50
3 in.	.75	3.00	25.00
Begonia Gloire de Chatelaine, 2 in.	1.00	4.00	
Chrysanthemums, Hardy Pompon, 100 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Fuchsias, 20 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Geraniums, 50 var., standard sorts, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Hardy English Ivy, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Lantanas, 10 var., 2 in.	.40	2.00	18.50
3 in.	.75	3.00	18.50
Lemon Verbenas, Aloysia citriodora, 2 in.	$0.40	$2.00	$18.50
3 in.	.75	3.00	25.00
Moonvines, white and blue, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Petunias, double mixed and single mixed, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Petunias, double white, 2 in.	.50	3 00	25.00
3 in.	.75	4.00	
Salvia, Bonfire and Zurich, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Parlor Ivy (Senecio Scandens) 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Swainsonia, pink and white, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00

Dahlia Roots and Canna Roots.

Send for our regular wholesale catalogue.

R. VINCENT, Jr. & SONS CO., = White Marsh, Md.

The New French Hydrangeas

For Spring Sales and Memorial Day

Our stock is in prime condition, retarded dormant plants from 6-inch pots, in fine shape to flower for Spring Sales or for Memorial Day; any of the varieties described below at $30.00 per 100.

Avalanche. A splendid large white with a well established reputation; an easy variety to force.
Bouquet Rose. Large trusses of rosy amber turning to bright pink; a favorite with all growers.
Dentelle. Entirely distinct, deeply fringed flower of a creamy white color.
E. G. Hill. Trusses of immense size, color a most pleasing shade of pink which does not fade, growth vigorous, foliage of a pea green color, large and attractive.
General de Vibraye. A favorite wherever seen; very large heads of bright rose colored flowers, a splendid early forcing variety.
La Lorraine. Very large flowers, pale rose, turning to bright pink; has become a general favorite.
Mme. A. Riverain. Superb bright rose color; very vigorous and floriferous.
Mme. E. Mouillere. Probably the most popular white variety on the market today, an early easy variety to force.
Mme. Maurice Hamar. A delicate fresh-rose color, a vigorous grower, the individual flowers as well as the trusses being very large.
Mlle. Agnes Barillet. A splendid white; flowers large and very freely produced.
Mousseline. A beautiful mauve-rose with cream-colored center; the flower heads are large and held erect; a fine acquisition.
Mont Rose. Immense panicles of clear-flesh rose, entirely distinct, one of the best very early flowering varieties.
Ronsard. Flowers and trusses very large, of a beautiful rose-tint.
Souvenir de Mme. E. Chautard. One of the very best, of splendid erect habit, very robust, medium sized heads, of bright rose-colored flowers; one of the very best of the Bouquet Rose type.
Senateur Henri David. Another splendid rose-colored variety, with red reflections; flowers produced in immense large heads; on the style of La Lorraine, but an earlier bloomer.
Vieux Chateau. Very large pure white becoming suffused with delicate rosy carmine as they mature.
Hydrangea Otaksa. Dormant plants, 6-inch pots, $25.00 per 100; 10-inch tubs, $1.00 each; 12-inch tubs, $2.50 each.

NEW FRENCH HYDRANGEA.

For full line of seasonable Plants, Bulbs, Seeds, Etc., see our current Wholesale Price List.

HENRY A. DREER, 714 Chestnut St., Philadelphia, Pa.

The above Prices are intended for the trade only.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely **trade** medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address **Editors of "H. A."**

Chilwell Nurseries, LOWDHAM, Notts, England

SMILAX

Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.

Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

J. C. SCHMIDT, Bristol, Pa.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,

OLEAN, N. Y.

We Offer For Immediate Delivery

Good, strong, well-established plants in 2¼-inch pots of the exceedingly

Valuable New Roses

Ophelia, Francis Scott Key, and Prince E. C. D'Arenberg.

Growers will find all of these valuable additions to the list of standard varieties. They have been tested thoroughly, and have been found to have exceptional value.

OPHELIA. No fancy rose ever introduced possesses so many excellent qualities. It is a splendid grower, a very free bloomer, and has fine stems. It sells on sight. The demand undoubtedly will exceed the supply. Anticipating the large demand, we have propagated it extensively. Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

FRANCIS SCOTT KEY. This variety, raised by Mr. John Cook, is very distinct, being entirely different from any of the indoor roses grown today. Flowers are rosy red, and are unusually large and double, resembling very much a very full, double hardy garden rose. Coupled with its large size and double form, it is an exceedingly free bloomer. It promises to be exceedingly valuable, especially for spring, summer, and fall flowering, when other less double roses are difficult to handle. Its keeping qualities are remarkable.

Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

PRINCE E. C. D'ARENBERG. This variety might well have been termed Red Killarney, as it possesses so many of the good qualities of the Killarneys. In color, the flowers are similar to Richmond, but they are much more double, and it should prove a very much more profitable rose. Flowers have fine straight stems on all the grades—from the shortest to the longest. It has fine foliage, comes away quickly, and is even a freer bloomer than the Killarneys. We believe it is the best all-round red rose that we have today.

Strong plants on own roots, 2¼-in. pots, now ready, $12.00 per 100; $90.00 per 1000.

We will be glad to quote on application prices on all the newer and standard varieties—strong grafted plants ready in March.

F. R. PIERSON, Tarrytown, New York

OPHELIA, ONE OF THE FEW THAT HAS PROVEN ITS WORTH

We have grown this magnificent rose the past season, with most gratifying results. As a free and vigorous grower and great producer it has no equal. It sets bud freely in the short days of winter, and is now coming in with a heavy midwinter crop, doing equally well on grafts or own roots.

MRS. GEORGE SHAWYER is at present more favorably thought of than ever, and we intend to again plant it heavily this season. As a money getter, our experience has proven its superiority over all sorts, and having grown extensively on own roots and grafts, we have no hesitancy in stating that like Sunburst, it does better on own roots.

We will have a splendid lot of both varieties, (grafts and own root), ready for shipment about the middle of March, together with a choice lot of **Sunburst, Ward, Prince d' Arenberg, White and Pink Killarney,** cutting taken from sand the latter part of December. For prices and further particulars write

F. J. BENTHEY, 165 N. Wabash Ave., CHICAGO

Greenhouses: Newcastle, Ind.

Nashville, Tenn.

STOCK CLEANS UP WELL.

There is nothing new or very important in the trade to be reported this week. Sales have held their own, and the supply of flowers has been about equal to the demand. and each day has seen a very fair clean up. The quality of flowers has been very good. Roses, while not so abundant, are excellent in size, shape, and color, and carnations are coming in well. There is an unusually fine supply of orchids in the market by both the Joy Floral Co. and McIntyre Bros., and the sale has been good. Violets are blooming nicely. and most of the growers have had sweet peas all through the season; also lily of the valley. Pot plants are doing well, and are in constant demand; cyclamen in all its variations, azaleas, Primulas obconica, and now the bulbous stock is just beginning to come in, and the demand is very good. The early arrival of lent this year will make very little difference in the trade, as the season is not very generally observed in this city. All stock grown for the Easter trade is in fine shape and guarantees a good and abundant stock for that season.

Geny Bros. have had sweet peas all the season, but are now making a run on the butterfly variety, which is very popular for almost any and all purposes.

M. C. D.

Nassau County Horticultural Society.

The ninth annual dinner of the Nassau County Horticultural Society was held at the Oriental hotel, Glen Cove, Monday evening, January 25. Seventy-five members and guests were present and did justice to an ample repast. President Ernest Westlake delivered a short address of welcome and introduced as toastmaster for the evening, J. Austin Shaw, who conducted the proceedings in his usual able manner. Gentlemen responding to the toasts of the evening were, Charles H. Totty, for the Society of American Florists; J. W. Everitt, National Association of Gardeners; Frank Traendly, American Rose Society; R. F. Bowne and W. R. Kinnear, for the village of Glen Cove; William Duckham, Morris County, N. J. Horticultural Society; William Turner, Bernardsville Horticultural Society; E. W. Neubrand. W. Scott and J. W. Smith, Tarrytown Horticultural Society; J. Duthie and J. Robinson, Oyster Bay Horticultural Society.

JAMES GLADSTONE, Cor. Sec'y.

BIRMINGHAM, ALA.—John A. Landert, florist, is reported to be in the hands of a receiver.

TIFFIN, O.—Plans for a new greenhouse are under consideration by the management of Ulrich's Greenhouses.

ROOTED ROSE CUTTINGS

Pink Killarney, White Killarney, Richmond	$ 2.00 per 100
	18.00 per 1000

BENCH ROSE PLANTS

American Beauty, Pink Killarney, Richmond	$ 6.00 per 100
	50.00 per 1000

Extra fine stock ready now. Satisfaction Guaranteed.

George Reinberg

162 North Wabash Ave., - - CHICAGO, ILL.

IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in..... 30c
" " " 18-in..... 50c
" " " 24-in.....$1.00
" " " 30-in..... 1.50
Pyramids, 36-in..... 2.25
" 42-in..... 3.00
" 48 in..... 3.50
" 54-in..... 4 00
Globes, 18 by 18-in..... 3.50
Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.
Rhododendrons, hardy sorts for outside planting, 18 to 24-in , 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1 00 each.
Azalea Mollis, 15 to 18-in., bushy, 40c each; $4 25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei 4 to 5 feet, full of buds, balled and bur lapped. $1.50 each.
Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped $1.50 each.
Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.
Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.
Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.
Rhododendron, Pink Pearl, one of the finest forcing propositions. fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

This Ought To Be OF INTEREST To YOU.

That **Local Growers** have placed the **Largest Individual Orders** for my

New Carnation "Alice"

offered to the Trade this season. Some have doubled, and trebled their orders on successive visits. The color is an exquisite shade of clear soft pink, midway between Enchantress and Gloriosa. Habit of plant ideal, strong, very early, and a continuous, and without doubt the most productive commercial variety I have offered to date.

Prices: Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

If you have not seen it, send for descriptive circular, and get your order in now. Over 200,000 sold.

PETER FISHER, - Ellis, Mass.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. ceda tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00

	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

Weiland & Risch
154 N. Wabash Ave., CHICAGO

GERANIUMS

All sold until the latter part of February. March delivery guaranteed to reach any point east of the Mississippi River in good growing condition. **Nutt,** $12.50 per 1000. **Ricard** and **Poitevine,** $15.00 per 1000.

Asparagus Plumosus, fine lot ready now at $2.50 per 100; $25.00 per 1000.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Mention the American Florist when writing

250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000
White Enchantress	$2.00	$17.50
Pink Enchantress	2.00	17.50
Rose Pink Enchantress	2.00	17.50
Mrs. Ward (dark pink)	2.00	17.50
White Perfection	$2.00	$17.50
Herald (extra fine red)	3.00	27.50
Josie Merle (fine pink seedling)	3.00	27.50
Philadelphia	4.00	30.00

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

Mention the American Florist when writing

NEW ROSE BOOK

The Practical Book of

Outdoor Rose Growing For The Home Garden

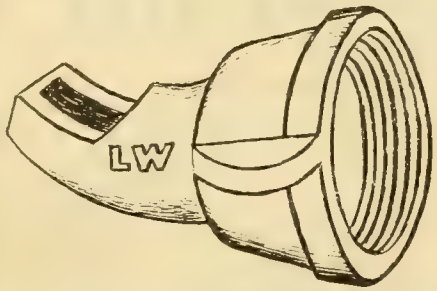
By George C. Thomas, Jr.

GENERAL SCOPE:

The Propagation of Roses. Location and Preparation. Ordering.
The Best Varieties with their Characteristics. Planting. Pruning.
Some General Information and Hints of Hybridization. Climbers. Cultivation.

Elaborately illustrated with 96 reproductions in full color of leading varieties of roses and a few halftone plates. Handsome cloth binding, in slip case. Price, $4.00, postage or expressage extra.

American Florist Co., 440 South Dearborn Street, **Chicago**



Little Wonder Rose Nozzle

35 Cents Each.

Every rose grower should have one. Send for one or more today. This is without doubt the best and most simple **Rose Nozzle** ever introduced. Satisfaction guaranteed.

GARLAND MFG. CO., Des Plaines, Ill.

Manufacturers of the Celebrated Garland Cast Iron Greenhouse Gutters.

Columbus, O.

BUSINESS CONTINUES TO IMPROVE.

Persistent cloudy weather has retarded carnations and brought about the greatest scarcity experienced for a long period. Demands upon local growers are exceeding the supply. Roses are fairly plentiful, but only of fair quality, generally speaking, owing to lack of sunshine. Business continues to improve. Florists are looking forward to a good St. Valentine day's trade, a feature which has been developing rapidly during the past few years. Some very handsome boxes are on display in show windows. Liberal consignments of violets are being received from the east. St. Valentine's day will be exploited by page advertisements in the daily newspapers, in which a number of the leading florists co-operate.

NOTES.

The new horticulture and forestry building at Ohio State University was dedicated with appropriate ceremonies. February 5. It is 60 feet wide by 250 feet long, fireproof, and contains about an acre of floor space. Two greenhouses are being constructed in connection with it which will have an area of 8,000 square feet of glass. This is the beginning of a range of glass houses which, when completed, will cover an acre of space.

The Block-Crane Floral Company, which handles commercially the flowers grown on the Ohio State University grounds here, had an attractive booth at the students' grain show, which was a feature of "farmers' week" at the university, February 1-5. A bride's muff, composed largely of roses and lily of the valley, was the chief attraction.

The flower and retail seed department of the Livingston Seed Company is being improved by the redecoration of walls and ceiling and the addition of a large new refrigerator for the display of cut flowers. New counters will also be added.

A. W. Livingston, of the Livingston Seed Company, is attending the national canners' convention in New York.

C. C. J.

Ft. Wayne, Ind.

TRADE FULLY UP TO EXPECTATIONS.

Business the past week has been exceedingly good in all lines, but especially in funeral work, owing to the deaths of a number of prominent persons. This bright weather is substantially increasing the number of flowers produced, and is improving their quality as well. The flower-buying proclivity has increased, owing to the crisp, snappy atmosphere. Spring flowers are in the market in great profusion, and are exceedingly popular for corsages, table decorations and for gifts. Easter lilies and callas are in great demand for funeral work, and the foliage wreaths combined with flowers, generally roses or orchids, are used freely. The quality of roses is very good, although they could be more plentiful. Carnations are in good supply and of fine quality. Violets meet with a ready sale and are quite plentiful. Green goods are sufficient to meet the demand.

NOTES.

The representatives of the Gaelic League of Ireland have been the recipients of a great many social favors during their stay in this city, the first week of February. The decorations for a reception given in their honor were extensive and elaborate, and were executed by the Flick Floral Co. Several cases of southern smilax and hundreds of pink and white Killarney roses were used, while ferns and palms were arranged in great numbers for a background.

Arthur Zirkman, representing M. Rice and Co., Philadelphia, Pa., called on the trade last week. Mr. Zirkman had received word, just a few days before his visit here, of the death of his mother as a result of a surgical operation. The sympathy of all his friends in the florist trade is extended to Mr. Zirkman.

Miss Helen Patten, of the Patten Flower Shop, Toledo, Ohio, who was a visitor last week, reports business unusually good, considering the effect of the European war.

Visitor: T. T. Kairns, representing H. A. Dreer, Philadelphia, Pa.

H. K.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.
Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.
Asparagus Plumosus, 2¼-in., $3 00 per 100; $25.00 per 1000.
Bougainvillea Glabra Sanderiana, 4-in. pots well trimmed, $15.00 per 100.
Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Geranium S. A. Nutt, 2¼ in. pot plant, $2.50 per 100, $25.00 per 1000.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Impatiens Sultana, Hybrids in all colors, $4.00 per 100.
Lantanas, distinct varieties, $4.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

MATCHLESS A GREAT SUCCESS

MATCHLESS is the best and most profitable white carnation to grow, having no equal in earliness, vigor of growth and production. It is superior in size, fragrance and keeping qualities and is non-bursting. It is a continuous bloomer and is handled with ease by any grower.

Fine Rooted Cuttings for Immediate Delivery,
$6.00 per 100; $50.00 per 1000; $112.50 per 2500; $200.00 per 5000.
We also offer MRS. C. W. WARD,
$3.00 per 100; $25.00 per 1000.

Cottage Gardens Co., Inc. Queens, New York

DIXON, ILL.—The Rosery Floral Company has moved from 112 Galena avenue to the Beier building.

HASTINGS, NEB.—Suit for $10,000 damages was filed in the district court here January 12 by C. B. Tanner, florist, against the Union Pacific and Hastings & Northwestern railways for alleged damages as the result of the new road and the switching done at the forks and "Y" of the road near by. C. W. Sidles, another florist, will file another suit.

MANKATO, MINN.—The Fred Windmiller Co., the outgrowth of a small greenhouse business established 24 years ago, now has a model range of over 30,000 feet of glass. Max and Pauline Windmiller, who have managed the business for 20 years, now have about 40 agents. They are members of the Florists' Telegraph Delivery.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

AMPELOPSIS.

25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

ARAUCARIAS.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS NANUS. Good strong healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 3-inch, $3.50 per 100; 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Asparagus plumosus and Sprengeri, 2¼-in. pots, $2 per 100. Joseph H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS, 3-in., $6 per 100. SPRENGERI, 3-in., $5 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, $2.50 per 100; $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in. pots, 10-12 leaves, $1 each; variegated, 5-in. pots, 10-12 leaves, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

REMEBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: white, pink, lavender and purple. Price, $5 per oz.
Cash with order.
ALBERT A. SAWYER, Forest Park, Ill.

AZALEAS.

Azaleas, all the leading varieties, from 65c to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIA GRACILIS LUMINOSA, transplanted seedlings, 75c per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood, bush shape, 12-in., 30c; 18-in., 50c; 24-in., $1; 30-in., $1.50. Pyramids, 36-in., $2.25; 42-in., $3; 48-in., $3.50; 54-in., $4. Globes, 18 by 18 ins., $3.50. The Storrs & Harrison Co., Painesville, O.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Begonias, tuberous rooted giant flowering varieties: Singles—white, scarlet, yellow, pink, 40c per doz.; $2.50 per 100; $20 per 1,000; mixed, 35c per doz.; $2 per 100; $18 per 1,000. Doubles—white, scarlet, yellow, pink, 50c per doz.; $3.50 per 100; $30 per 1,000; mixed, 50c per doz.; $3 per 100; $28 per 1,000. Lily bulbs: Album, 9-11-inch, $17.50 per 100; Auratum, 9-11-inch, $10 per 100; Rubrum, 8-9-inch, $6 per 100; 9-11-inch, $9 per 100. Tuberoses: True dwarf Pearl, mammoth, 6-8-inch, $15 per 1,000; first size, 4-6-inch, $8.50 per 1,000; medium, 3-4-inch, $5 per 1,000. Caladium Esculentum, 5-7-inch, $1.75 per 100; $15 per 1,000; 7-9-inch, $3.50 per 100; $30 per 1,000; 9-11-inch, $5.50 per 100; $55 per 1,000. Cold storage Lilies: L. Giganteum, 7-9-inch, 300 to case, $16 per case; 8-10-inch, 225 to case, $16 per case; 9-10-inch, 200 to case, $20 per case. Lil. Rubrum, 8-9-inch, 170 to case, $10 per case; 9-11-inch, 100 to case, $9 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, cold storage, gianteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, all kinds. Arthur T. Boddington, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

CANNAS, strong tubers, 3 to 5 eyes, as follows: King Humbert, $2.50 per 100; Pennsylvania, Betsy Ross, Louisiana and Florence Vaughan, at $1.50 per 100; $12 per 1,000. Less 10 per cent for cash with order. ELITCHLONG GREENHOUSES, Denver, Colo.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, 2,500 Austria, $1 per 100. 300 Morning Star, $1.50 per 100. 500 Red, $1 per 100. 500 Pink Beauty, $1.50 per 100. 400 Venus Pink, $2 per 100. F. WALKER & CO., 312 West Chestnut St., Louisville, Ky.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., $1.25 per 100. Joseph H. Cunningham, Delaware, O.

CANNAS, tubers 3 to 5 eyes, mixed colors, $1 per 100; $5 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

CARNATIONS.

CARNATION CUTTINGS, Present Delivery.

	Per 100	Per 1,000
White Wonder	$3.00	$25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Champion	6.00	50.00
Commodore	2.50	20.00
Beacon	3.00	25.00
Princess Dagmar	6.00	50.00

Guaranteed first-class stock. Can fill orders by the one hundred and one hundred thousand.
J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1,000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1,000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.
162 N. Wabash Ave. Chicago.

Carnations, Pink Sensation, $12 per 100; $100 per 1,000. Philadelphia, Peerless Pink, Pink Delight, Champion, Matchless, $6 per 100; $50 per 1,000. White Wonder, Beacon red, Enchantress, Mrs. C. W. Ward, Rosette, White Enchantress, $3 per 100; $25 per 1,000. Herald, $4 per 100; $25 per 1,000. Enchantress Supreme, $4 per 100; $35 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder, White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Carnation Matchless, rooted cuttings, $6 per 100; $50 per 1,000; $112.50 per 2,500; $200 per 5,000. Cottage Gardens Co., Inc., Queens, New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1,000
Enchantress	$2.50	$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

ROOTED CARNATION CUTTINGS, Beacon, White Enchantress, Enchantress, Rose Pink and Herald, $2.50 per 100; $20 per 1,000.

WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St. Cincinnati, Ohio.

FIELD-GROWN CARNATIONS.

READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Philadelphia, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald, $3.50 per 100; $30 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, White Enchantress, Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, Josie Merle, $3 per 100; $27.50 per 1,000. Philadelphia, $4 per 100; $30 per 1,000. Peter Reinberg, 30 E. Randolph street, Chicago.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnation Belle Washburn, rooted cuttings for Jan. 1, 1916, delivery, $12 per 100; $100 per 1,000. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

Carnations. J. D. Thompson Carnation Co., Joliet, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

ROOTED CHRYSANTHEMUM CUTTINGS.

February and March Delivery.

WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.

Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.

A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, rooted cuttings of 2-in., pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, rooted cuttings, 10 varieties, 70c per 100 postpaid; $5 per 1,000 by express, not prepaid. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

CROTONS.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

CYCLAMEN GIGANTEUM in full bloom. 4-in., red, white red eye, pink, 12c; 4-in., Salmon, 15c; 5-in., mixed colors, 35c. R. J. Southerton, Highland Park, Ill.

Cyclamen, in bloom, 5-in., 35c; 6-in., 50c each. Mostly light-colored plants with carmine eye. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamen, 3-in., in bud, $3 per 100. Joseph H. Cunningham, Delaware, O.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

100,000 choicest cut flower DAHLIAS, strong field-grown roots, absolutely true to name; Delice, $5 per 100. White Swan, $4 per 100. Bonton, Elegans, Princess Victoria, Penelope, Queen Victoria, Kriemhilde, Mrs. Geo. Stevenson, Perlehilde, Prince of Yellows, The Pilot, Admiral Togo, Jumbo, Kings Pink, Lyndhurst Evelyn Century, Eckford Century, Golden Century, Wildfire, Cardinal, Fr. 20th Century, Gladys, Rose Pink, 20th Century, $3 per 100; $25 per 1,000. Arabella, Red Hussar, Jack Rose. Sylvia, $2.50 per 100; $20 per 1,000. Reference. People's National Bank. JAS. WELLER, Hammonton, N. J.

Dahlias, Mrs. J. C. Vaughan, $50 per 100. Great Britain, $30. Hort. Fiet., $25. Chatenay, $50. Leo XIII, $30. Geisha, $12. America, $20. Avalanche, $20. Alice Roosevelt, $10. Dr. Perry, $12. Warnaar & Co., care of J. W. Hampton, Jr., & Co., 17 Battery Place, New York.

Dahlias, whole field clumps, $5 per 100, up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DRACAENAS.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

ECHEVERIAS.

Echeveria Secunda Glauca, rooted cuttings, large, $2 per 100; small, $1.25 per 100; prepaid. Cash with order. JOS. BANCROFT & SON, Inc., Cedar Falls, Iowa.

FERNS.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, dish ferns, including aspidium, cyrtomium, falcatum, Pteris Mayi, Wilsoni, etc., $3 per 100; $25 per 1,000. Adiantum Croweanum, 5-in., 20c; Adiantum Glory of Mordrecht, 5-in., 35c; 4-in., 25c. Cibotium Schiedei, 5-in., 75c; 6-in., $1. The Storrs & Harrison Co., Painesville, Ohio.

Boston ferns, 2-in.....$3.00 per 100
Boston ferns, 3-in..... 6.00 per 100

Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100. Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.

ERNEST ROBER, WILMETTE, ILL.

If you have never had our SPRINGFIELDI FERN plants, you are missing a good thing. Guaranteed to live and stand rougher usage than any fern known. Large 4 and 5-inch, $7 per 100; 6 and 7-inch, $10 per 100. A trial will convince you. NEWELL & USTLER, Apopka, Florida.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

BOSTON and HARRISII FERNS, strong, 2½-inch, $3.50 per 100; $30 per 1,000; 2-inch, $3 per 100; $25 per 1,000. BOSTON WHITMANI FERNS, 5, 6 and 7-inch, 25c, 40c and 60c. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns. Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

Geraniums, in such varieties as S. A. Nutt, Berthe de Presilly, Col. Thomas, Edmond Blanc, Jean Oberlee, Jules Vasseur, La Favorite, Marquise de Castellane, Mme. Buchner, Mme. Recamier, Onella, etc., $2 per 100; $18.50 per 1,000, from 2-in. pots; $3 per 100; $25 per 1,000, from 3-inch pots. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, strong, out of 2-inch pots, in double reds, S. A. Nutt, John Doyle, Double General Grant. In double salmon, Renault and in double white Buchner, $2 per 100. Also in red Ricard in Pink Bertha Presley, Thos. Meehan and Jean Viaud and Joan of Arc, a single white at $2.25 per 100. Ivy Geraniums, strong stock out of 2-inch, in red and pink, at $2 per 100. West Hill Greenhouses, Fredonia, N. Y.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and four other varieties, 2½-inch pots, $3 per 100; $25 per 1,000. Joseph H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, 2¼-in., $2.50 per 100; $25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS, 2-inch Nutt and Buchner, $2 per 100; rooted cuttings, $11 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Geraniums, Feb. and March delivery. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 2 and 2¼-in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, Buchner, etc., $2.50 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

GLADIOLUS.

Gladiolus, Mrs. Francis King, first size, $10 per 1,000; medium size, $8 per 1,000. Augusta, first size, $12 per 1,000; medium size, $10 per 1,000. America, first size, $12 per 1,000; medium size, $10 per 1,000. Hyde Park, $60 per 1,000. Chicago White, first size, $30 per 1,000; medium size, $25 per 1,000. Princeps, $30 per 1,000. Florists' Mixture, light colors, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

Extra fine dagger ferns, $1 per 1.000. Peter Gianopulos, 50 Church St., Springfield, Mass.

HYDRANGEAS.

Hydrangeas, new French; Avalanche, Bouquet Rose, Dentelle, E. G. Hill, General de Vibraye, LaLorraine, Mme. A. Riverain, Mme. E. Mouillere, Mme. Maurice Hamar, Mlle. Agnes Barillet, Mousseline, Mont Rose, Ronsard, Souvenir di Mme. E. Chantard, Senateur Henri David, Vieux Chateau, retarted, dormant plants from 6-inch pots, $30 per 100. Hydrangea Otaksa, dormant plants, 6-inch pots, $25 per 100; 10-inch tubs, $1 each; 12-inch tubs, $2.50 each. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-in. pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

English ivy out of 2-inch at $2 per 100; 3-inch at $4 per 100 and 4-inch at $10 per 100; this is fine strong stock. West Hill Greenhouses, Fredonia, N. Y.

English ivy from field, 20 to 30 inches, $3; from pots, 30 to 40 inches, $5 per 100. CHAS. FROST, Kenilworth, N. J.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley pips, per 1,000 from $12 to $16. Chas. Schwake & Co., Inc., 90-92 W. Broadway, New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

For Easter forcing I offer this month's surplus of 300,000 Valley pips. Florists Money Maker Brand, best Valley at moderate price, $12.50 per 1,000; $6.50 per 500; $3.50 per 250; $1.75 per 100. This stock is equally as good as any Valley imported and offered at a much higher price. To help out my foreign growers enables me to quote this low price. Chicago Market Brand, best Valley in existence, $15 per 1,000. Cold storage Valley (crop 1913), $18 per 1,000; $9.50 per 500; $5 per 250; $2 per 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley pips, from cold storage, 2,500 to case, $17 per 1,000. New crop, 1,000 to case, $16.25 per 1,000. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MANETTI.

Manetti, on hand. Best English stocks, grafting size, 3-5 m/m, not "as they run", but RE-GRADED HERE, culls thrown out; shrinkage elliminated; all good, at $9.50 the thousand, while they last. JACKSON & PERKINS CO., Newark, New York.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST., CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Tree seeds, fir, hemlock, spruce, cedar, pine, arbor-vitae, larch, oak, maple, cherry, catalpa, syringa, rhus, cornus. For varieties and prices see advertisement elsewhere in this issue. The D. Hill Company, Box 404, Dundee, Ill.

E. TURBAT & CO., Nurserymen, ORLEANS, France, grow all outdoor Nurseries stocks; FRUIT, Ornamental and Forest. Wholesale list on demand.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00
9-inch tubs,	6 to 7,	58 to 64....	7.50

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
6-inch pots,	5 to 6,	34 to 36....	1.50
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	...$1.50
7-inch pots, 3 plants in a pot,	36 to 38...	2.50
7-inch tubs, 4 plants in a tub,	38 to 40...	3.00
8-inch tubs, 4 plants in a tub,	38 to 44...	3.50
8-inch tubs, 3 plants in a tub,	48 to 54...	5.00
8-inch tubs, 4 plants in a tub,	52 to 56...	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

KENTIA BELMOREANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	24	...$1.25
7-inch pots, 3 plants in a pot,	38 to 40...	3.50

Specimens very heavy, $10 to $12.

ARECA LUTESCENS.

6-inch pots, 3 plants in pot	$1.00
7-inch pots, 3 plants in pot	1.50

PHOENIX ROEBELENII.

7-inch, 22 inches high, 30 to 32	2.00
7-inch, 26 inches high, 34 to 36	2.50
8-inch tubs, fine specimens	3.50

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. Julius Roehrs Co., Rutherford, N. J.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

125,000 PANSIES, Romer's Prize Winners (Germany). A grand collection, extra strong plants; worth more money, 50c per 100; $3.50 per 1,000, prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

Pansy plants, giant flowering, $2.50 per 1,000. Joseph H. Cunningham, Delaware, O.

PEPPERS.

CHRISTMAS PEPPERS, strong 4-inch bushy plants, full of berries, $10 per 100. A. T. Hey Floral Co., Maywood, Ill.

PETUNIAS.

Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, dbl., mixed colors, 2-inch, $2 per 100; 3-inch, $3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

POINSETTIAS.

POINSETTIAS, 2½-in., $5 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA MALACOIDES, 2½-in., $3 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Primula obconica, $1 per 100 to close out. Joseph H. Cunningham, Delaware, O.

PRIVET.

Privet, California, 2-year, 2 to 3 ft., 3 to 4 ft.; 3-year, 3 to 4 ft., 4 to 5 ft. Amoor River, 1-year, 12 to 18 inches, 2-year, 1½ to 2 ft., 2 to 3 ft. Berberis Thumbergii, transplanted, 9 to 12 inches and 12 to 18 inches. J. T. Lovett, Little Silver, N. J.

200,000 California, Ibata and Variegated Privet, all sizes. 100,000 Berberis Thunbergus, 1, 2 and 3-year and all other shrubs and vines. Get list now ready. Benj. Connell, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

Roses, Ophelia, Mrs. Geo. Shawyer, Sunburst, Ward, Prince d'Arenberg, White and Pink Killarney. Write for prices and further particulars. F. J. Benthey, 165 Wabash Ave., Chicago.

ROOTED ROSE CUTTINGS, Pink Killarney, White Killarney, Richmond, $2 per 100; $18 per 1,000. Bench rose plants, American Beauty, Pink Killarney, Richmond, $6 per 100; $50 per 1,000. Extra fine stock. Ready now. Satisfaction guaranteed. GEORGE REINBERG, 162 N. Wabash Ave., Chicago.

Rose Mrs. Charles Russell, grafted and own root. We also offer Milady, Shawyer, Ward, Taft, d'Arenberg, Richmond, Hadley, the Killarneys. Write for prices. Welland & Risch, 154 N. Wabash Ave., Chicago.

Roses, 2¼-inch pots. Ophelia, $15 per 100; $120 per 1,000. Francis Scott Key, $15 per 100; $120 per 1,000. Prince E. C. d'Arenberg, $12 per 100; $90 per 1,000. F. R. Pierson, Tarrytown, New York.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill,

E. TURBAT & CO., Orleans, France. Enormous stock of Rose Trees, old and new varieties. Wholesale list on demand.

Roses, all the leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Rose Hoosier Beauty. Own root, $30 per 100; $250 per 1,000. Grafts, $35 per 100; $300 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

ROSES. My Maryland and Pink Killarney, 3-in., $5 per 100. Kaiserin, 4-in., $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

Roses. W. & T. Smith Co., Geneva, N. Y.

SEEDS.

Seeds. Pansy: Vaughan's International mixture, $10 per oz.; $2.50 per ¼ oz.; $1.50 per ⅛ oz.; trade packet, 50c. Giant mixture, $4 per oz.; $1 per ¼ oz.; 60c per ⅛ oz.; trade packet, 25c. Early flowering giant pansies, white, yellow, light blue, dark blue, mixed, trade packet 500 seeds, 65c; ⅛ oz., $2.50. Asparagus Plumosus, per 100 seeds, 50c; 250 seeds, $1; 1,000 seeds, $3.50; 5,000 seeds, to 10,000, $3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, Ageratum, Alyssum, Antirrhinum, Asparagus, Asters, Begonias, Candytuft, Celosia, Centaureas, Cinerarias, Cobæa Scandens, Coleus, Dracaenas, Grevillia, Ipomoeas, Lobelias, Mignonette, Petunia, Salvia, Smilax, Stocks, Verbenas. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

Seeds, novelties in flower and vegetables. Carter's Tested Seeds, Inc., 125 Chamber of Commerce Bldg., Boston, Mass., or 133 King St., E. Toronto. Branch of Jas. Carter & Co., Raynes Park, England.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

1,000 tested seeds of fine strain Salvia Bonfire, 1914, 25c. M. M. MICHAEL, Dansville, New York.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Flower seeds for early sowing. Complete list for the asking. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, novelties in flowers and vegetables. Carter's Tested Seeds, Inc., 125 Chamber of Commerce Bldg., Boston, Mass.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seed, pansy, giant flowering, $4 per oz. Jos. H. Cunningham, Delaware, O.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

SHAMROCKS.

Shamrock plants for St. Patrick's day, 1-inch and 2-inch, $3 per 100; $25 per 1,000. Feb. and March delivery. Poehlmann Bros Co., Morton Grove, Ill.

SMILAX.

Smilax, 2½-inch, $1.25 per 100; $10 per 1,000. J. C. Schmidt, Bristol, Pa.

SPIREAS.

Spireas, Gladstone, 100 to case, $6. Peach Blossom, 100 to case, $7. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

TRITOMAS.

Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

VINCAS.

Vinca Variegata, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Vinca Var., 3x3½ pots, $5 per 100. Joseph H. Cunningham, Delaware, O.

VIOLETS.

VIOLETS, Princess of Wales, field-grown, strong, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

BOILERS.

The Kroeschell greenhouse boiler, best of all for hot water heating. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

"Has Them All Beat" for greenhouse heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Boilers, Giblin standard greenhouse. Giblin & Co., 901 Broad St., Utica, N. Y.

Boiler tubes, 4-inch, 6¾ cents per foot. New and S. H. pipe, all sizes. Illinois Pipe & Mfg. Co., 2117 S. Jefferson St., Chicago.

Boilers, smoke burner, self-feeding, for greenhouses. Nic. Krier Boiler Works, 2725 N. Marshfield Ave., Chicago.

Boilers, pipe, boiler tubes, valves, fittings, etc. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.

MICHIGAN CUT-FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass. Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. N. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Liquid—NICO-FUME—Paper, for thrips, aphis, Spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen. 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

Paint without oil. Trial package mailed to everyone who writes. A. L. Rice, 271 North St., Adams, N. Y.

Fertilizers, Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Pexto Pruning Shears. Write for booklet. The Peck, Stow & Wilcox Co., Southington, Conn., and Cleveland, Ohio.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Little Wonder Rose Nozzle, 35c each. Garland Mfg. Co., Des Plaines, Ill.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

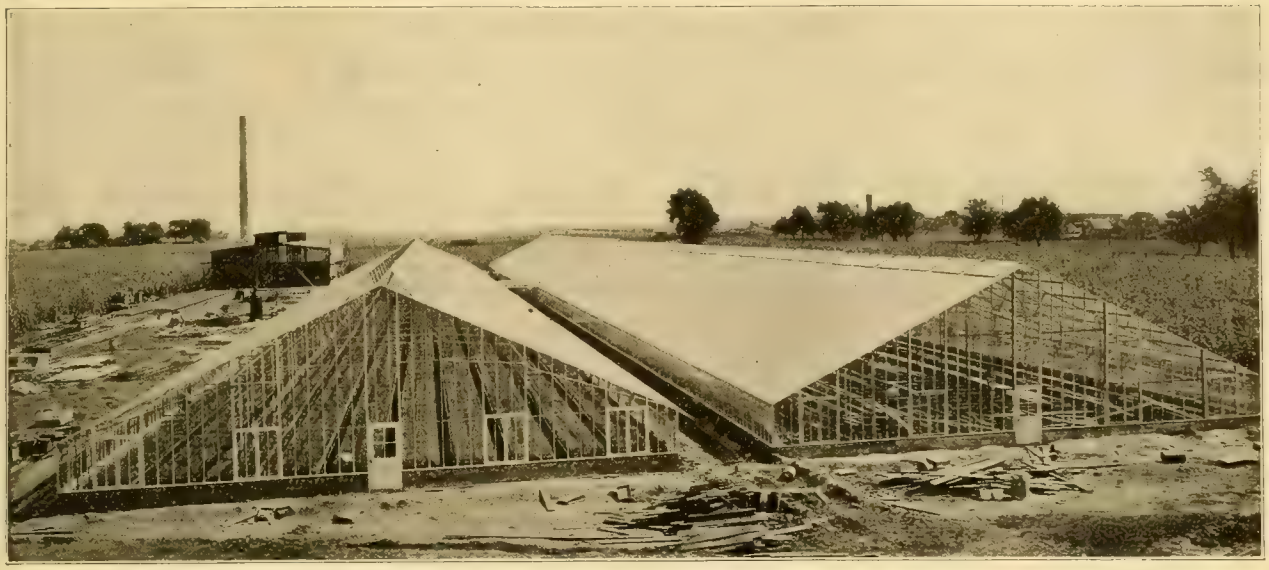
WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Florists' Wire Work at lowest prices. Komada Bros., 1008 Vine St., Philadelphia, Pa.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

WE ARE BUILDING NOW AT LINCOLN



NEW RANGE OF GULLETT & SONS, LINCOLN, ILL.

THESE houses are of the famous Moninger "All Steel" construction and are the finest houses in the United States. If you ever get the time we want you to visit this range and look it over carefully. If you are thinking of building go and see these houses before you spend a dollar. Our men are busy now putting up the third house and others will be started in the spring. Come over while we are on the job. See how we do it and get a good idea of how easy and simple it is. The finest houses in America are worth going to see. Let us know and we'll go with you any time.

Send in your inquiry now for any greenhouse material. 384-page Catalogue, cloth bound, covers every phase of the greenhouse proposition. Estimates and blue prints free.

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The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

KING CONSTRUCTION CO.
29 King's Road, N. Tonawanda, N. Y.

Boilers OF HIGH GRADE.....

For GREENHOUSES

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Steam and Hot Water — GIBLIN & CO., Utica, N. Y.

GREENHOUSE LUMBER

1866—1914

"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.
SQUARE RED CEDAR POSTS.

LOCKLAND LUMBER CO., Lockland, O.

Greenhouse Tile Benches

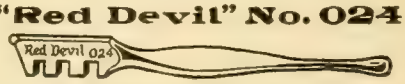
TILE FURNISHED IN CARLOAD OR LESS CARLOAD LOTS. : :

We solicit your inquiries.

THE CAMP CONDUIT CO.
Manufacturers, CLEVELAND.

American Florist Advertisements work 24 hours per day.

"Red Devil" No. 024



The glazier's standard tool for cutting all kinds of glass. The "Red Devil" glass cutter that is used by all. Known and recognized throughout the world as **THE BEST** cutter ever made. Sold everywhere by the hardware trade. Ask your local dealer for "Red Devil" No. 024. Send us three 2c stamps for One only free sample.

SMITH & HEMENWAY CO., 170 Chambers St., New York.

Mention the American Florist when writing.

IF YOU ARE GOING TO BUILD

Write to us for estimates on

Garland Cast Iron Gutters **Iron Frame Greenhouses** **Hotbed Sash**

Greenhouse Materials and fittings of all kinds. Portable Fire-proof Steel Boiler Houses. Portable Fire-proof Steel Garages, etc. We are operating our factory under very low overhead expense and can save you money.

GARLAND MFG. CO., Des Plaines, Ill.

Morehead

Back to Boiler

SYSTEM

Get Out of That Hole

The Morehead System puts an end to that antiquated "boiler-in-a-pit" method of steam line drainage. With the Morehead, condensation is returned to the boilers—**placed above ground**—pure and **HOT,** at its original temperature. You are assured of **perfect circulation—constant temperature**—a saving of fuel, time, labor and heat. It is the ideal system in the greenhouse. Let us give you the complete facts **free.**

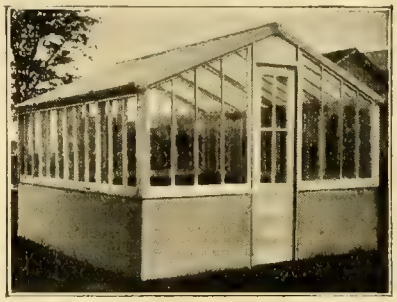
Write Today—Dept. "N"

Morehead Mfg. Company

DETROIT, MICH.

155

Two layers of glass instead of one



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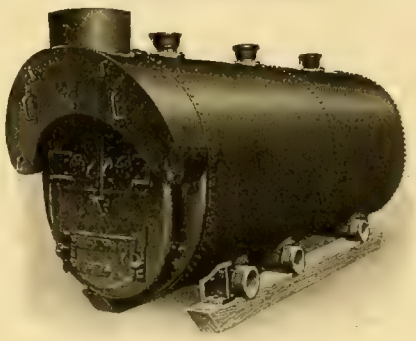

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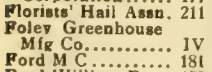

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THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Annual convention and exhibition, Boston, Mass., March 18-21, 1915. WALLACE R. PIERSON, Cromwell, Conn., President; ROBT. PYLE, West Grove, Pa., Vice-President, BENJAMIN HAMMOND, Fishkill-on-Hudson, N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I., July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 342 W. Fourteenth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November, 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

SUGGESTIONS FOR PLANT GROWERS.

Violets.

With the approach of spring the violet plants grow rapidly and quantities of runners will spring from the old stools and propagation of the runners at this time will save much time and room later in the season when the spring stock is insistently demanding space, and much better plants are procurable from cuttings taken now than from divisions in May, when the days are often warm and the plants more or less exhausted. And if the young stock is procured now the old plants can be thrown out as soon as through blooming, securing available room at once. These runners or laterals root easily at this time in a propagating bench or can be taken off with a few small roots and either potted or placed in flats and will take but little room, and as early as possible placed in a cold frame. Treated in this manner splendid stock may be obtained for planting out early, either in the field or in the houses, and with good strong stock to start with much better results are sure to be attained than by being obliged to plant small, weak stock later in the year.

As the warm days approach the houses will need to be shaded, for the sun bleaches the flowers, and a watering of liquid manure will greatly assist in maintaining the size of the blooms and also keeping up the color.

Mignonette.

The grower will always find some plants in his beds of mignonette that produce exceptionally large spikes of bloom, the plants are more vigorous in foliage or the blooms of better form, and these spikes that show special characteristics should be selected and the seed saved, and in this way the grower can procure a strain which after two or three years' selection will be far ahead of any seed he can buy. This seed should, however, be saved before the bees and other insects are flying around and attracted to the houses, for they will cross-fertilize the flowers with undesirable strains. The seeds of mignonette do not ripen all at once, and as the pod remains open, the ripe seed falls out and is lost, so special preparation must be made to receive it. Select the spikes that are to be saved for seed and tie them to strong stakes and mark them. The flowers should then be cross-fertilized by rubbing a camel's hair brush up and down the flowers. This should be done every bright day so as to secure a thorough pollination. To catch and hold the seed take a piece of heavy brown paper and roll it into a cone shape, and after winding a piece of cotton around the stem and stake below the flowers, tie the small end of the cone-shaped paper around the cotton, the paper spreading upward so as to catch all the seeds that drop out of the seed pods. This can remain until all the seed has ripened and as the spike grows the cross-fertilization continues, but care should be taken that no water gets into the paper to wet the cotton, and the seed must be gathered before the days become so warm that insects and bees are in the houses.

Easter Lilies.

The one important crop to the plantsman at this time is the lilies for Easter, for they must be properly timed to be at their best on that date. Easter this year comes April 4 and most growers like to see buds on their plants six weeks before that time. If the buds are not showing, the temperature will have to be increased to 70° at night. This will do the plants no harm if they have good sunlight during the day, and are given all the ventilation possible, but the ventilators should not be opened unless the sun is shining and the thermometer at least at the same degree as the night temperature, and avoid all draughts possible, for the plants grown so warm are very tender. It is next to impossible to bring a lot of lilies in all together, so it is better to grow them so the slowest ones will be in on time, and move those that are more advanced into a cooler house and retard them, but this should not be done until the buds are nearly full grown. A lily retarded when the buds are forming is very difficult to start into active growth again, but after the

first buds begin to turn white the plants can be moved into a house of 50° or lower and they come on slowly and will be of better quality than those grown warmer. The plants should be all tied to a neat stake as soon as the buds form, if not already done, for the buds add considerable weight to the top of the stem and they bend over very quickly. When the buds form, if the plants are pot bound, a watering of liquid manure will increase the size and substance of the flower. It will be a continual fight against aphis from this time on and fumigation or spraying with nicotine will have to be regularly and continually practiced to bring the plants into bloom in the best condition.

Hydrangeas.

The greatest demand for hydrangeas is in May and June and to have them in the best condition at that time the plants should be started before March 1. While they may be started later and forced harder, yet the plants so grown are not as sturdy and do not give so good satisfaction after they are placed on the porches. Start the plants in a cool house and if the wood has become dry in their winter quarters, frequent syringing will assist in softening it. When they begin to grow do not crowd them. Crowding and too much heat are the principal causes of the long, ungainly plants so often seen. If they are grown in a cool house, with plenty of room, the plants will be sturdy and short-jointed, covered with beautiful foliage and shapely, and are a great ornament, which surely cannot be said of the tall plants with small foliage and bare stems toward the base. When the plants begin to grow rapidly they will require plenty of water and during the warm, sunny days of spring, when the houses are hot, all the ventilation possible, and at this time watch carefully for red spider, which gather in great numbers on the young growths and blooms and quickly spoil them. If they appear, syringe heavily until they are overcome. Keep the plants staked and tied as soon as required.

Hail Screens for Greenhouses.

ED. AMERICAN FLORIST:

I would like to secure information regarding the use of hail screens on greenhouses, particularly the proper size of mesh, distance the wire should be placed above the glass, and percentage of light that is shut off by the use of hail screens. W. A. P.

North Dakota.

[Perhaps some reader can supply the desired information.—ED.]

CONNERSVILLE, IND.—The Carnation Support Co. has increased its capital stock from $2,000 to $5,000. The officers elected for the ensuing year are Carl R. Houghton, president; Michael Ganley, vice-president; Joseph N. Wilkin. secretary and treasurer. The directors are Joseph E. Huston, Robert T. Huston and the three officers.

SCRANTON, P.—Members of the Scranton Florists' Club, which comprises all of the florists between Carbondale and Wilkes-Barre, at a meeting held February 8, perfected arrangements for the annual flower show which is to be held March 25-27. So successful was the exhibition given under the auspices of the club last year that it has been decided to have this year's show on a much larger scale.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Gates Ajar.

This is an old time design that at one time had a great run. The dove on the top with the sprig of valley in its beak has a familiar look to many. As will be seen by the accompanying illustration this has been very elaborately gotten up, quantities of choice stock having been used. It is complete in every detail and worthy of the artist. K.

Business Building Salesmanship.

The address of Arthur F. Sheldon, president of the Sheldon School of Scientific Salesmanship, before the Philadelphia Florists' Club at its December meeting, will long be remembered by those fortunate enough to be present. Mr. Sheldon has a most pleasing personality, and his address, delivered in a conversational tone, was listened to from start to finish with rapt attention.

T. Mohan.
Of the Mohan Floral Co., Waco, Texas.

He gave as a motto for business, the golden rule; this principle carried out, together with a thorough knowledge of the business, was almost sure to secure success. In the flower industry, the grower, the middle man and the retailer, were interdependent; all must work together to insure success. Confidence is the keynote; without it, doubt would creep in, and doubt is fatal to success.

The salesman, to be successful, must have knowledge of his business, must be enthusiastic, must love his job and be loyal to his firm. Without knowledge he cannot succed—he would not know enough; if not enthusiastic he cannot enthuse others, he cannot present his case favorably. To get the attention of the customer, then the confidence, there must be no room left for doubt, for doubt kills. Working by deed and word, just enough and no more, marks the perfect salesman. Kindness and courteous treatment is a part of the service that wins and keeps customers. Quality and quantity, which means high grade goods in quantity for the price, and service, were business building corner-stones that made a sure foundation on which to erect the permanent structure.

Successful business men were sure to be educated—they knew how. Many men spent years in school or college, but never secured education. Others learned and became educated out of college, getting their knowledge in a practical way. They are known as self-made men.

Obedience to nature's laws, or copying nature, spelt success. Nature was always on time, never a second behind. This is the policy of the good business man—always on time. The greatest earthly power is man power; the greatest need of the age is to develop man power. The body is not the man, it is the house he lives in; the mind is the man, he expresses himself through the body. Nourish the thinker, develop it, give it mental manna and exercise it. Do things, and thus increase its efficiency.

He gave in detail examples of good salesmanship; how kind and courteous treatment and knowledge of the business interested the prospective customer, then won their confidence. There was no doubt in the salesman's mind he was going to make the sale, and did so. He did not use the negative phrase, "You don't want any of this do you?" but called attentions to something choice, just because he knew they would appreciate seeing it, and while at the time flattering the customer, sowed seed that might bring forth fruit later. Confidence he said was the basis of all permanent relationship; to get customers and then by fair dealing hold them. The wagging tongue of a satisfied customer was the very best ad.

Success is not a matter of luck; it is generally the result of the hard work and constant application that had gone before, much of which seemed at times to be for nought. It laid the way, however, for a preparedness that was much in evidence when opportunity knocked, and advantage was taken of a situation which had to be passed by others.

Some men are brighter than others and have more natural ability, but the salesman is not born a salesman. All can be improved and made as perfect as their abilities will allow, by application and study. Education and application would greatly benefit any one, efficiency depending on knowledge, enthusiasm, energy and love for one's chosen calling. K.

Washington's Birthday.

This is the least important of the holidays viewed from the florists' business standpoint, yet it is worth while exploiting, and will amply repay for any work put upon it. It is too bad that the great patriot is not remembered, except for the incident of the cherry tree—the tree and the ax. There are facsimiles of these all over the land, and the story is retold each year, losing nothing by the repetition. The florist takes these symbols, the ax and the cherries, and soon has them on display. The ax is tied with a red, white and blue ribbon and embellished with a few red carnations. These can be sold as they are, or placed on the outside of a box of cut flowers. Cherry tree boughs, full of wonderfully fine looking cherries (if they are stuffed with cotton), well clothed with

foliage, are also tied outside the box of cut flowers. Several of these tied together, or better still, a small cherry tree, placed in a pot, with the addition of quite a lot of fruit and foliage makes a rather taking novelity. The day usually winds up with a number of dinners, at the tables of which these small trees make acceptable center-pieces. Red and white carnations are also popular, and with decorated axes at the plates as favors, and a liberal use of tricolored ribbons, there is no mistakening the meaning of the day. There should be a bust of the great man, which with the necessary flags, is made the center of an elaborate window decoration. Nicely arranged corsages of violets, gardenias, roses or red and white carnations, tied with red, white and blue ribbon will be sure to prove attractive and help along the sales.

It is well to have a good stock of growing ferns for this day, as many fern dishes are sent in for refilling about this time. Blooming plants can be sold, the addition of the hatchet giving the necessary distinctive feature. Small baskets of flowers, with tiny flags and diminutive cherry boughs, tied to the handles with narrow tricolor ribbon, are attractive and will be found salable. Take it, all in all, if very few of the especially designed articles sell, the display is a good advertisement, as is every attractively arranged window.

K.

GATES AJAR.

Moving Large Trees in Winter.

Many people are unwilling to wait for trees to grow to large size in these days of immediate results, and are willing to pay for them ready made, if of good height, habit and shape. There is as much diversity in trees as there is in white folks. The planter of small trees cannot tell how they will develop in later years, and if an avenue or parkway is to be planted, and look well in the time to come, uniformity is essential.

The writer has in mind a very fine park system in an eastern city, where all the elms used are of the English type, and it was always thought that trimming or pruning brought the uniformity always seen there. It was a revelation, therefore, some few years ago to find that for many years this city had bought all the trees, grafted annually by an English grower from one fine specimen tree. These were nursed along for years until needed in the park nursery, and then planted along newly created boulevards and streets. This is now being done in Illinois, perhaps for the first time, and the prominent planters buy the elms as fast as they can be grown. All are grafted on seedling elms, below the level of the ground, and in two years trees the size of a broom handle can be supplied, all warranted to grow alike in time to come, and be uniform in habit. It may be said in passing that to plant the English or Scotch types of elm in the middle west is a mistake; they grow for a few years, and when valuable specimens might be expected, decadence begins. There is no elm like the American variety, ready to hand, vigorous, hardy and having the added advantage of being at home.

When a tree attains the age of perhaps 20 years its contour can be easily seen and specimens can be selected that will match and make uniform lines in time to come. These can be moved in winter with surety of their living, and this is being done by many with a guarantee. It is often advised that the tree should be trenched round a year before, and good soil be placed around it to induce the formation of young fibrous roots. There could not be a greater fallacy and more losses will ensue from this treatment than when they are dug, frozen up sufficiently to hold the ball of soil, and then moved to the new location at once, putting good soil around about them, in a hole already made large enough to receive both. There is then only one operation, a major one, it is true, but not so severe a check as the digging up the second time, and the consequent injury to the young roots already made when these should be becoming established in the new soil of the new location.

As to the freezing, enough is sufficient. A maple can be easily killed, as we found to our sorrow one severe winter, when the frost went down through the ball of soil containing the tree. An elm, however, will stand more without injury, but does not enjoy it, so when a tree is frozen sufficiently to hold the soil at the roots, if it is not possible to move same at once, put plenty of snow over all, or lacking in this, as in some years, put on straw manure to hold it as it was until ready to move. All evergreens can be moved safely in this way, choosing a day when the branches are not frozen, without loss of many roots, but transportation for long distances is not advised, as the freight would be high; however, for moving from one place to another near by, it is the safest way. Only surface rooting trees can be moved, such as elm, maple, ash, or such as make no tap-roots. An oak is difficult unless nursery grown.

In sections where there is lots of snow, trees are easily loaded on sleds, and travel best this way; there is less liability to the tree being dumped in transit than when on wheels, as often happens when we have plenty of snow with no frost under it in the ground. This is the case now, and the moving of large specimens weighing 10 or more

tons could not be accomplished when they have to be moved from the woods and across open fields. We had a hard experience last winter in moving a fine specimen elm, one that had been sought for two years. It rolled off the wagon five times and had to be reloaded. It took eight horses to draw it on wheels, and all the difficulties were due to the snow keeping the ground soft below.

MOVING LARGE TREES IN WINTER.

Photographs are herewith reproduced of a tree-sled made this past year to overcome all such troubles, and of the many trees moved not one has been tipped over, even though crossing soft ground from the woods to the traveled way. The runners are six inches wide, and four horses have been able to draw the largest loads without difficulty.

In digging trees for removal, it is only necessary to go to the depth of the roots, eighteen inches being usually enough. Then, when frozen enough, cover up to keep from more frost than is necessary, or it will be very hard to pull the tree over with blocks and tackle, and when pulled over, the surplus frozen soil will have to be cut off with axes before loading. This, as before said, will be fatal to a maple, and not good for an elm.

E. O. ORPET.

The Minneapolis Convention Garden.

On account of the large amount of annual planting material required to fill the garden, which, because of the requirements for bedding plants for other parks, we are not able to furnish from our own propagating plant, it seems advisable to change the layout of the garden to provide appropriate place for a larger number of perennials and other hardy plants which do not require replacing every year. The accompanying plan shows the proposed rearrangement of the grounds.

We cannot expect outside growers to furnish large quantities of plants every year to help fill this large garden, and we do not intend to ask them to do so. We are, however, not only willing, but anxious to have all growers who wish to do so, make use of these display grounds to introduce and show their novelties in large or small numbers. Exhibits sent us for that purpose will be given a conspicuous place in the garden among the class of plants to which they belong. They will be properly labeled, giving the exhibitor's full name and address. We simply ask that prospective exhibitors write to us before April 1 what they wish to have planted, so that we may reserve space for their exhibits, and that the plants be sent, freight or express prepaid, at the proper time of planting.

Our home people are taking a great interest in the garden right along, and there can be no question as to the advertising value of an exhibit at these well kept exhibition grounds. I therefore extend a hearty invitation to all growers and introducers of novelties and meritorious plants to make use of our garden. We will do our share to grow the plants as nearly to perfection as possible and to thus serve the interests of the exhibitors and public alike.

THEODORE WIRTH,
Superintendent of Parks.

IOWA CITY, IA.—The new flower shop of A. G. Prince & Son at 26 South Clinton street was opened February 6. It is complete in every appointment.

MOORHEAD, MINN.—Plans and specifications have been submitted to the city council for a large greenhouse, by T. J. Berrigan. The city is negotiating for land.

Ixoras.

For a considerable part of the summer, and frequently till autumn is well advanced the ixoras form one of the brightest features among stove-flowering plants. In bygone days they were exceedingly popular for growing as large specimens, but they are now usually seen in the form of small plants. Given a regular stove temperature and a fairly moist atmosphere they are not difficult to cultivate, though they need a reasonable amount of care and attention. According to The Journal of Horticulture cuttings may be readily rooted from the half-ripened shoots, dibbled firmly into well-drained pots of sandy peat, passed through a sieve with a quarter-of-an-inch mesh. After being well watered they must be placed in a close propagating case in the stove, and, if possible, plunged into a gentle bottom heat. As soon as they are rooted they must be inured to the ordinary atmosphere of the stove, and when sufficiently advanced potted off singly. A suitable compost for this potting may be formed of two parts of peat to one part of good yellow loam and a liberal sprinkling of silver sand. In order to lay the foundation of a bushy specimen the young plants must be stopped two or three times during their earlier stages. For subsequent pottings the soil must be of a rougher nature, sound fibrous peat being very necessary. If the plants can be given a little bottom heat during their earlier stages so much the better. Over-potting must be guarded against, and in carrying out this operation the soil should be pressed down pretty firmly. The watering, too, must be carefully carried out. During the growing season, when the pots are well furnished with roots, an occasional dose of weak liquid manure with soot water will be beneficial. Ixoras are not particularly liable to insect pests, that is, if due precautions are taken. If the atmosphere is too dry thrips are liable to make rapid headway, but they can be kept down by a liberal use of the syringe. Scale and fly are also apt to attack the plants, but they may be kept in check by sponging and vaporizing. For mealy bug there is nothing so effectual as a drop of mythylated spirits applied to the insect with a small brush.

There are numbers of species, beside which many garden forms have been

MOVING LARGE TREES IN WINTER.

raised. A selection of the best would include: aurintiaca, orange red, compact habit; coccinea superba, a native of Java, bright orange; coccinea lutea, a distinct shade of soft yellow; Colei, pure white; Dixiana, of good free growth, flowers dark orange in color; Fraseri, salmon, tinged carmine; Javanica, of a pleasing shade of orange; Pilgrimi, flowers bright orange red, shaded with crimson; Prince of Orange, very bright orange, particularly fine; salicifolia, narrow, dark green leaves and deep orange-colored flowers; sanguinea, a very distinct variety, whose blossoms are of a deep crimson tint with a violet shade; Westi, very different from any of the others, and exceedingly pretty; the flowers, which open pale rose, deepen with age. A good hybrid is Williamsi, which bears a profusion of reddish salmon-colored flowers.

There yet remains one species which is so distinct and striking when in bloom as to merit a paragraph to itself. This is Ixora macrothyrsa, which, when first introduced from the South Sea Islands, was known as I. Duffi. It was discovered by Mr. Duff, of the Sydney Botanic Gardens, and first flowered in this country in 1878. This is a tall grower of upright, sparsely branching habit, with leaves on well-developed specimens nearly a foot in length. The deep reddish crimson flowers are borne in huge trusses, sometimes as much as eighteen inches across.

Garden a Part of Home.

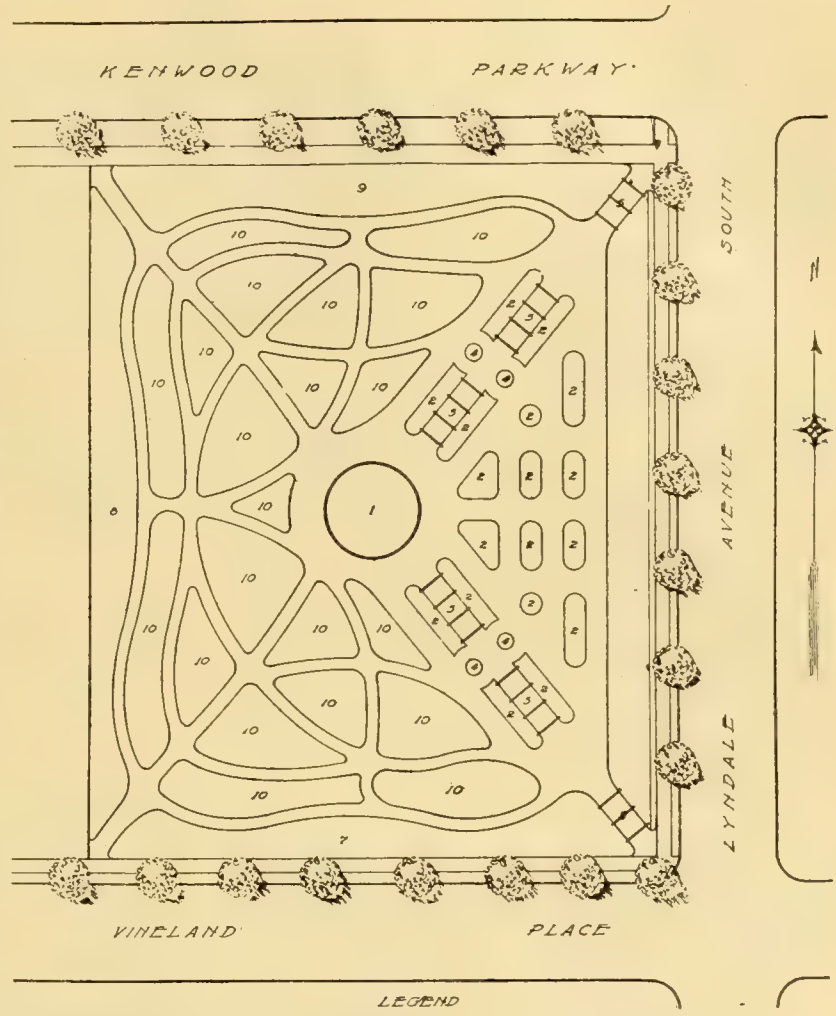
Methods which may be employed to make gardens attractive by means of suitable furnishings and planning were set forth by Professor Frank A. Waugh of the department of landscape gardening at the Massachusetts Agricultural College, in a recent lecture before the school of gardening at Horticultural hall. He urged the need for making the garden a part of the home instead of a display space largely for the benefit of the passersby. American gardens, he said, are largely unfornished, like an apartment house ready to rent and before the furnishings are in place.

"A garden may be considered from two different points of view," said Professor Waugh. "It may be an integral part of the home used and enjoyed like any other domestic unit, such as the library, the sitting room or the kitchen. On the other hand it may be regarded merely as an ornamental exterior. Unfortunately in this country the latter view has largely prevailed. The garden has been considered a mere embellishment, an external ornament. The idea of making the garden a part of the home—of living, playing, working, eating in it—is only beginning to find its way into the best society. Obviously the garden ought to be more generally put to use and less commonly left to the doubtful admiration of passersby.

"These different views of the purposes of a garden lead to very different methods of design and treatment. If a garden is to be part of the house it must first of all have privacy. We cannot live our family life in the garden if the spaces are left open to the observation of all the neighbors and of strangers passing in the street. Hedges and screens of trees and shrubbery are the most natural and often the most effective means of shutting in the garden and shutting out the world.

SOME GARDENS LIKE EMPTY FLATS.

"After a certain amount of privacy is secured the garden next needs some furnishings. An unfurnished garden is as dreary and hopeless as an unfurnished house. Nothing could be less domestic and inviting than an empty dwelling house; but put a rag carpet on the floor, two chairs and a table in the room, with a picture on the wall and curtains at the windows, and the place has all the physical equipment of a home. If there are sympathetic human beings to inhabit the place nothing more can be required.



MINNEAPOLIS CONVENTION GARDEN PROPOSED REARRANGEMENT.

"Now our American gardens are largely unfurnished. They have reached exactly the same stage as the apartment house when it is ready to rent. There are the hardwood floors, the plumbing and the paper on the wall; all the furnishings necessary for family life, for human comfort, for interest and entertainment are completely lacking. Our common talk about gardening completely ignores furnishings, concerning itself simply with trees, shrubs and flowers, which at best are hardly more than the pictures on the wall.

SUSPICIOUS OF PERGOLA ARCHITECTS.

"In modern garden magazines we read a great deal about pergolas. As I understand a pergola, it is an architectural figure primarily designed to connect an outlying architectural element with the main house. Its whole tendency is to carry domestic life farther into the garden. Of course we must allow that, as fashionable pergolas are designed, they do not always accomplish this end, but I am suspicious that the pergola has not always been fully understood by the architects who did the planning or the suburban dwellers who paid the bills. It is hard to tell the modern fashionable pergola in all cases from the old-fashioned arbor or summer house.

A TEMPLE, A PAVILION OR A GAZEBO.

"In some of the old gardens there are attractive temples. Now a temple is merely an architectural shelter which adds interest to the place, and which is called a temple largely by way of politeness. In order to make a temple of an ordinary garden shelter it was necessary to introduce a putative god or traditional goddess. Usually a small effigy of Mercury or a trivial bust of Venus would answer this purpose. A pavilion is simply another name for a garden shelter where the bust of Venus is lacking. Then there is the gazebo. This is a delicious name and worthy of introduction into the garden whether the thing itself cuts any figure or not. My own understanding is that gazebo is middle-period hog-Latin for an outlook. After all this is nothing much different either from the arbor, summer house, tea house, studio, music house, or other garden shelter.

"The creature comforts of life depend largely upon seats and tables.

If the garden is really to be inhabited, there must be places to sit. Perhaps the most necessary furnishings of all are seats. In this respect our American gardens are sadly unfurnished. Tables and seats ought to be furnished in plenty in every garden just as they are inside the house. They should be placed at the most effective points, that is, the points of best inlook and outlook.

SOME GARDENERS HAVE WATER ON BRAIN.

"Several styles of landscape gardening have insisted strongly upon the introduction of water into every garden. The famous Italian gardens practically never omitted the water features. It is said that the classical Japanese gardeners insist upon the presence of water in some form in every garden scene. We all know how greatly water adds to the charm of every garden, and we may well make suitable sacrifices in order to secure such great advantages.

GARDEN MUST BE FULL OF PICTURES.

"After all is said and done, a garden is partly ornamental as well as useful. It must be beautiful and full of pictures. In building up these pictorial effects it is often desirable to introduce furnishings of a purely ornamental character, and such as do not have any justification in actual utility. While statuary has been used mostly in formal gardens it can also, with some careful study, be introduced effectively into informal gardens.

"Simple columns of stone, marble, or even of wood, serve to add effect to certain points in gardens. This applies especially to the design of formal gardens, but is open for consideration elsewhere.

GARDEN GATES FOR BEAUTY.

"The garden gate is such a pretty and sentimental thing that one only has to mention it to commend it. In fitting the garden with those accessories most compatible with human life and enjoyment, there should be now and then a pretty gate. If it is at the same time thoroughly practicable for purposes of flirtation, this need not be counted against it. Every garden must be furnished with walks. There must be means of access and circulation.

"Garden furnishings of all sorts have been rare and expensive in this country. The expense of getting good furniture has accounted in many instances for the unfortunate conditions of which we have already complained. Large payments would he wholly justified in many cases; they would not be out of style as compared with the cost of similar furnishings inside many homes. But, for common people, and especially for every-day use, a simpler and more practicable style of garden furniture is much to be desired."

ARDMORE, PA.—At the annual meeting of the Autocar Co., so favorably known to the florist trade, Monday, February 8, the former board of directors was re-elected. Walter W. Norton, who has been for several years superintendent of the factory, was elected a vice-president and will hold the position of production manager. The officers of the company who were re-elected are David S. Ludlum, president; John S. Clarke, vice-president; Louis S. Clarke, vice-president and Edwin A. Fitts, secretary and treasurer, and Frank G. Lewin, assistant secretary and treasurer.

Pittsburgh.

SHORTAGE IN SUPPLY CONTINUES.

The scarce season still prevails in our town, and we are really worse off for stock this week than we were at the last writing. Carnations might be termed as being plentiful, considering the general shortage, but roses are very "few and far between." There is always enough bulbous stock to go around, but lilies are still on the short end. Daffodils, tulips, narcissi and poeticus are all in good supply and are held at good prices. To say St. Valentine's day trade was "good" would be expressing it far too mildly, as this day certainly proved that it is surely coming to the front here, and we are sure it will be able to hold its own with the other holidays of the year before long. The wholesale houses were cleaned out entirely at early hours, both Friday and Saturday. Smaller flowers had the call, of course and yellow daisies, sweet peas and violets were as scarce as money. Many of the retailers were badly disappointed on account of the violet growers failing to live up to their predictions. Plenty of violets were scheduled to be on hand for this day, but for some reason or other, they did not reach Pittsburgh in even good sized quantities. The retailers all report an increase of business for the past week, which is evidently true, as everybody seems to be buying heavier than usual.

NOTES.

Herman Gumto, who deals in pot plants in the East End district, had quite an accident February 9, when his wagon was hit by a street car, which disabled him so badly that he has been confined to bed since then. His horse was also badly injured, and had to be shot.

George Wehrley, who has been connected with the Hayman Greenhouse Co., of Clarksburg, W. Va., as manager of their Fairmont store, has opened a business of his own in Fairmont. He was also with the A. W. Smith Co., of this city for some time previous.

Randolph & McClements were cleaned out entirely Saturday evening, even to pot plants. "You might realize how we were rushed," said Mr. McClements, "by our sending out these araucarias for St. Valentine tokens."

The McCallum Company has just received its consignment of German goods, which has been on the way since last fall. It numbers 147 large steamer cases and was badly needed.

A. C. Miller, of Homestead, Pa., reports good business, mostly funeral work. The branch store in Duquesne is giving the Homestead store a "run" for business.

The A. W. Smith Co. reports having sold 250,000 violets for St. Valentine's day corsages, February 13, and then not having enough.

John Jones has a beautiful house of Lorraine begonias in bloom at Schenly park.

Visitors: Fred W. Arnold, of Cambridge, Ohio. G. M.

Cincinnati.

EXCELLENT ST. VALENTINE'S DAY TRADE.

The business for St. Valentine's day was without a doubt the largest business we have ever had for that day in this market. Almost every flower appropriate for that occasion enjoyed a very good market. The markets immediately preceding and following that day have been good. The rose supply is about the same as at last writing and continues to clean up as readily. Carnations are, if anything, a little more scarce than they were. Lilies are in a fair supply and are proving good property and both callas and rubrums sell pretty well. Single violets and good sweet peas clean up each day. Lily of the valley is having only a fair market, while the double violet market is not at all active. The offering in bulbous stock includes good cuts of narcissi, tulips and jonquils, as well as freesias and Roman hyacinths. The supply of all greens from southern smilax to ferns is sufficient to take care of present needs.

NOTES.

The wedding of James Tiernan, proprietor of the Main Flower Shop, and Miss Laura Pfeiffer, was solemnized last week.

C. J. Jones, who has been at Martinsville, Ind.. for the last three weeks for his health, is on the way to recovery.

The marriage of R. C. Witterstaetter and Miss Agatha Hopp took place last week.

C. E. Critchell has been getting in large shipments of southern smilax.

Visitors: Geo. Lampert, Xenia. O.; E. G. Hill, Richmond, Ind.; I. Bayersdorfer, Philadelphia, Pa.; Walker Mott, representing Hammond's Paint and Slug Shot Works, Fishkill. N. Y.

H.

Milwaukee.

STOCK SELLS WELL.

For the past week stock has been selling fine, with carnations and roses scarce. Violets have not been in demand for Valentine's day as in other years and same sold at reasonable figures. Plenty of freesias, Star of Bethlehems and also greens are on hand.

NOTES.

C. C. Pollworth Co. report business good. This firm is cutting some fine cattleyas, which were in good demand for Valentine's day.

The Cudahy Floral Co. are consigning some fine long American Beauties and other excellent roses to Gust Rusch & Co.

M. A. McKenney & Co. had a large wedding order on Monday, using mostly Killarney roses, sweet peas and lily of the valley.

A. Schuhman, formerly with Eberfeldt and Schuhman, having left this firm will open a store at Third and Wright streets.

Wm. Lubliner has been spending his time in Chicago, having leased a store, which will be opened in a short time.

Holton & Hunkel Co. are receiving some fine Butterfly sweet peas from Watertown, which find ready sale.

R. Lietz has a fine lot of lilies which will be in fine shape for his Easter trade.

Maggie Edlefsen & Co. have started a flower shop at 626 Grand avenue.

E. Praefke is consigning some fine bulb stock to the local market.

G. R.

St. Louis.

ST. VALENTINE'S DEMAND GOOD.

The market was a good one all week and Saturday, February 13, was the banner day. The feature was the demand for St. Valentine's day, which was very good. There was a scarcity of colored stock both in roses and carnations, but white stock was plentiful as were greens. Quite a little of plumosus of poor quality is noted which must be sold cheap.

NOTES.

The local florists' club met February 11. The dance committee will give their report at the next meeting. Fred Ammann in a very interesting talk spoke on affiliation of the club with the S. A. F. and its advantages. He also spoke on how St. Louis was chosen as the next meeting place of the American Carnation Society. H. M.

Birkart made application for membership.

John Barnard, formerly of this city, visited his father, who is quite ill, having met with an accident. He reports the flower business in Kansas City is booming.

Dave Geddes, of the floral department of Scruggs, Vandervoort & Barney, reports St. Valentine's day trade very large.

Frank Farney, of M. Rice & Co., Philadelphia, Pa., was at the Jefferson with his stocks and samples recently.

Mullanphy Florists had many admirers of their window displays for Lincoln's birthday and St. Valentine's day.

Mrs. Rosie Schoenle was a large buyer of fancy Butterfly sweet peas and violets for St. Valentine's day.

John Bubach, of the E. J. McCallum Co., Pittsburgh, Pa., was in the city recently and reported trade good.

Windler Wholesale Floral Co. had a large assortment of fancy sweet peas and violets last week .

The Retail Association held its meeting at the Washington hotel, February 15.

Ostertag Bros. had a specially fine decorated window for St. Valentine's day.

F. H. Weber had a good demand for flowers and plants last week.

H. G. Berning is receiving some choice American beauty roses.

Harry Young & Son report trade as brisk. W. F.

Newport, R. I.

CLUB MEETING.

At the regular meeting of the Newport Horticultural Society held February 9, considerable time was given to the discussion of building a horticultural hall. The majority of the members present seemed favorable to the project, as it is truly said that there is no hall here large enough to make a proper display. A hall having a gallery is being talked of, so spectators can see shows to better advantage. It was thought, also, that a large hall here could be made a paying investment, as it could be rented for various entertainments. A committee of five was appointed to take the matter in hand and report as to cost and location.

NOTES.

The schedules for the American Sweet Pea Society exhibition to be held at the Casino July 8-9 are now ready, in which are listed many good premiums offered by some of the leading seedsmen throughout the United States. It seems that more than usual interest is being accorded this show, perhaps due to the fact that many are expected to exhibit and attend from a distance, and that it will be liberally patronized and attended by society people, who are showing a growing interest in horticultural advancement.

Thomas Gibson is installing a Hitchings Sectional boiler and hot water system in his new 21x70 foot palm and plant house.

Gibson Bros. report good cut flower and flowering plant trade.

The local florists report a large amount of funeral work.

J. J. B.

Nashville, Tenn.

ST. VALENTINE'S DAY STIMULATES SALES.

St. Valentine's day brought quite a vigorous spurt to the trade and everybody reported a good business. There was an abundant and beautiful supply of flowers, especially violets, lily of the valley, orchids, carnations and roses of every variety. There was an abundant supply of fresh and beautiful pot plants among them, cyclamens, azaleas, hyacinths, narcissi, both white and yellow, primulas, mixed boxes and mixed pots and prices were very good. The call for pot plants was fine, better than usual for St. Valentine's day. Violets led in popularity and were put in lovely, specially attractive boxes, or made up into corsage bouquets. Combinations of violets and lily of the valley, and violets and orchids were also very popular. The trade lasted through the two days with quite a rush.

NOTES.

The Joy Floral Company had a big supply of every kind of stock. Trade was stimulated by a very attractive local advertisement three columns wide and three quarters of a column in length in the daily papers. This firm is very enterprising and never lets an opportunity go by.

Geny Bros. had an abundance of violets, cutting many thousands, the bright weather of the past few days bringing out an abundance of blossoms, and after a very large cut Saturday, there were as many more for the Sunday cut. They also sold a fine lot of plants.

The McIntyre Floral Company had a very attractive line of Valentine boxes, heart shaped. They had a fine stock of flowers to fill them with, and satisfied a large demand from customers.

L. H. Haury and Sons did a good business in corsage bouquets and other flowers.

M. C. D.

Pacific Coast Horticultural Society.

The Pacific Coast Horticultural Society held its monthly meeting February 6, at Redmen's hall, 240 Golden Gate avenue, San Francisco, with President Plath in the chair. By unanimous vote the business of the evening was deferred until after the program, a lecture on tree surgery, by Prof. J. W. Gregg, of the University of California. California being rich in timber, has until very recently been negligent of its trees, and with many illustrations from California city streets, the lecturer was able to show the need of improvement, and how it lay within the realm of the gardener or florist to perfect such conditions. He than showed several developments in landscape design, drawing on eastern cities for views. He suggested that the ginko would be well adapted to California conditions, and should be more extensively planted, and illustrated the effect produced by these trees by showing a picture of the Avenue of Ginkos, Washington, D. C.

The business transacted, after the lecture was largely relative to the convention of the Society of American Florists. It was decided that an official programme would be issued, which through the advertising would largely pay for the entertainment of the delegates of the convention. There was much time spent in discussing the merits of being a member of the Society of American Florists, and members of the Pacific Coast Horticultural Society were urged to join that organization.

It is planned to have a smoker in the near future, and a bulbous flower show within the next month. This will include bulbous plants grown indoors and out, for as spring is already at hand outdoor plants are coming forth.

M. V. R.

OBITUARY.

John B. Hanft.

John B. Hanft, one of the oldest florists of New York, and founder of the firm of Hanft Brothers, now located at Madison avenue and 62d street, that city, died February 10, aged 82 years. Mr. Hanft was born in Rodach, Sachsen Meiningen (Germany) in 1832. When a young man, with his brothers, George M., Julian N. and Gustave, all of whom are now dead, he came to this country in 1849, and established a florist business in New York, under the firm name of Hanft Bros. The brother, Julian, who died in July, 1914, though a florist, was not connected with the firm of Hanft Bros.

In October, 1914, the late Mr. Hanft was stricken with paralysis and has since been failing. He was one of the first florists to import lily of the valley pips from Europe. He had been a member of the Arion Singing Society since 1864. He was also a member of the German Hospital Society. He is survived by a widow, five sons and five daughters. Two of the sons, Julian and Fred, now conduct the business of Hanft Bros. at Madison avenue and 62d street.

His funeral was held from the Arion Society's club house, Park avenue and 59th street, New York, Saturday afternoon, February 13.

A. F. F.

Robert Legate.

Robert Legate, a well-known designer and decorator of New York, and who had for a number of years been employed by James Hart, died February 4, aged 62 years. He was a genial man, possessed of social qualities, and was well thought of by those who knew him best. He is survived by a widow and one son.

A. F. F.

Detroit.

TRADE SHOWS HEAVY GAIN.

St. Valentine's day business was far in excess of the same day a year ago. Considerable advertising was done by the retailers individually and in a co-operative way, and the result was easily attested by the increased volume of trade thus developed. In some cases an increase of fully one hundred per cent was made, while everyone reported large and most satisfactory gains over last year, and on Monday, February 15, this unprecedented demand, echoes of the Valentine day activity, was felt all along the line, nearly every florist sharing in the spirited call. It would be difficult to correctly name the flowers that had the greatest call, as nearly all varieties as well as the many made up arrangements found ready sale. Carnations moved slowly, though the quality was good, but roses and bulbous stock showed well, and great quantities were sold to the disadvantage of the divine flower. Many of the violets shown were of poor quality and their condition alone was the cause of their unpopularity. Sweet peas were fine, and all available stock was completely sold out. Pot plants of bulbous stock were very popular, and the quality and variety complete.

NOTES.

E. A. Fetters has rented a large store on Woodward avenue, near Clifford, where he will move his business about March 1.

Visitors: Joseph Hill, Richmond, Ind.; A. Miller, Chicago; J. Rosnosky, Philadelphia, Pa. J. F. S.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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SIX weeks to Easter, which falls on April 4 this year, one week earlier than last year.

St. Valentine's Day Business.

Gratifying reports received from all sections show that St. Valentine's day sales this year were highly satisfactory, increases in nearly every instance being noted over the 1914 St. Valentine business. Stock was in good supply, excellent in quality as a rule, and cleaned up early. Carnations and violets led in popularity, pot plants showed an increase in demand, and basket arrangements and appropriate boxes found ready sale. Attractive window displays and general publicity calling attention to the day and the appropriateness of flowers for the occasion are credited with having much to do with the generally satisfactory result.

American Rose Society.

The exhibition of the American Rose Society for March 18-21, is being taken well in hand by the Boston horticultural interests with the determination to provide an exhibition of the first class. The American Rose Society has already received 20 special prizes besides the regulars. A special prize, a little different from anything that has been offered before, is made by the Glenfrew Farm, Sewickley, Pa., a silver cup valued at $20, for the best dozen of roses grown by an amateur. There may be two varieties. Amateur gardeners, nor commercial rose growers, may not compete, it being solely for amateurs. This prize is given to encourage lovers of roses, as the English Rose Society has been doing for years past. Free tickets to the show will be issued to all members.

BENJAMIN HAMMOND, Sec'y.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that the Swiss Floral Co., East 7th and Hancock streets, Portland, Ore., offers for registration the salvia described below. Any person objecting to the registration, or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Description: A salvia in habits of growth similar to Salvia Bonfire. The corolla, or petals, bright scarlet; calyx, creamy white, slightly flushed with a tinge of red on the surface exposed to the sun rays giving the calyx an appearance of salmon pink on white ground. Free and profuse blooming. Result of crossing Salvia Bonfire with Salvia Bavaria. Name—Salvia Red Cross.

Public notice is hereby given that Richard E. Loeben, Gloversville, N. Y., offers for registration the carnation described below:

Description—Sport of Carnation Benora. Growth, foliage and formation of plant identically the same as parent. A light, red in color, same as red striping in Benora.

JOHN YOUNG, Sec'y.

Feb. 13, 1915.

Portland's City Beautiful Plan.

Thirty-one thousand rose plants of the finest quality, roses of the kind that would ordinarily cost from 25 cents to $1 per plant, are to be sold to the citizens of Portland, Ore., before February 22 at prices of 12½ cents, or 15 cents for a single plant. This is brought about by the city beautiful committee of the Rose Festival Association in its movement to make this the greatest rose planting year that Portland has ever seen and to further the comprehensive plan of the committee to prepare the city to make the finest possible appearance in every section during the coming rose festival.

The committee under the leadership of Julius L. Meier, chairman, has arranged to get Oregon grown roses for this purpose, to be sold to the residents of Portland and vicinity who desire to join in the planting movement. All of the bushes that have been obtained are two years old and will bloom this year. In case the supply already procured does not meet the demand, the committee contemplates getting still more roses, so that when February 22 comes, which has been set aside as official rose planting day, everybody who is interested in the city beautiful movement and willing to support it by personal work, may have all the roses he needs. It is expected that the 31,000 plants already procured will be soon exhausted when the public begins to enter fully into the spirit of the movement.

T.

Panama-Pacific Exposition Attendance.

The grounds to the Panama-Pacific exposition are now closed pending the opening to the public on February 20. Prior to that people flocked to view the grounds and unfinished buildings, paying an entrance fee of 25 cents, and the amount taken in exceeded the total taken in at the big midwinter fair held in San Francisco a number of years ago. Special rate seasonal tickets at $10 each were offered and within two or three weeks 30,000 of them were sold. A new issue of the same number is now being printed. It indicates that there is ready money in and about the city, and the confidence which local people have shown in the worth of the fair will be a big boost to eastern friends. Business is certainly going to be on with a rush when the big exposition opens, and the local merchants have great faith in the increase of business promised for 1915.

Spring Made in the City.

The following is taken from "Prose Fancies," one of Le Gallienne's new English books:

"It is true there is spring on the terrace, but even so it is spring imported from the town-spring bought in Holborn, spring delivered free by parcel post; for where would the terrace have been but for the city seedsman—that magician who sends you strangely spotted beans and mysterious bulbs in shrivelled cerements, weird little flower mummies that suggest centuries of forgotten silence in painted Egyptian tombs. This strange and shrivelled thing can surely never live again, we say, as we hold it in our hands, seeing not the glowing circles of color, tiny rings of Saturn, packed so carefully inside this flower-egg, the folds of green and silver silk wound round and round the precious life within.

"But, of course, this is all the seedsman's cunning and no credit to nature; and I repeat that were it not for railways and the parcel post—goodness knows whether we should ever get any spring at all in the country.

"I am tired of waiting for this slow-moving provincial spring. Let us to the town to meet the spring—for:

"They've taken all the spring from the country
to the town—
Like the butter and the eggs, and the milk
from the cow;
And if you want a primrose, you write to
London now,
And if you need a nightingale, well—Whiteley
sends it down."

Club Meetings Next Week.

Baltimore, Md., February 22, 8 p. m.—Gardeners and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets. Noah F. Flitton, secretary, Gwynn Falls Park, Station F, Baltimore.

Norwich, Conn., February 22, 8 p. m.—New London County Horticultural Society, Buckingham Memorial. Frank H. Allen, secretary, 321 Main street, Norwich.

Providence, R. I., February 22, 8 p. m.—Florists and Gardeners' Club of Rhode Island, Swartz hall, 96 Westminster street. Wm. E. Chappell, secretary, 333 Branch avenue, Providence.

Newport, R. I., February 23, 8 p. m.—Newport Horticultural Society, Music hall. Wm. Gray, secretary, Bellevue avenue, Newport.

Dobbs Ferry, N. Y., February 27, 8 p. m.—Dobbs Ferry Horticultural Society, Odd Fellows hall. B. Harms, secretary, Dobbs Ferry.

Hartford, Conn., February 28, 8 p. m.—The Connecticut Horticultural Society, County building, Hartford. Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Newark, N. J., February 28 from 3 to 5 p. m.—Wein, Obst & Gartenbau Verein, 15 Newark street. Peter Caille, secretary, 111 Avon avenue, Newark.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As working foreman by all around florist: life experience. Married. Address Key 485, care American Florist.

Situation Wanted—By German, sober, reliable, life experience, able to produce results; bedding, pot plants, cut flowers, propagator, etc. Address Key 482, care American Florist.

Situation Wanted—Work in greenhouse by a young Dane, seven years' experience, can do all kinds of floral design work. References furnished. A. MENGEL, 66 High St., Oshkosh, Wis.

Situation Wanted—Good all around storeman, strictly honest, sober and reliable. 21 years of age, desires to locate with some large retail florist; can come March 10. When writing state wages. Address Key 486, care American Florist.

Situation Wanted—By landscape architect designer, practical man, able to take charge and do first-class work. Experienced in nursery and florist business, etc. Address Key 481, care American Florist.

Situation Wanted—As superintendent or head gardener; age 33, married, no children; thoroughly competent to take charge of greenhouses, vegetable gardens, choice fruits, lawns, etc. Address RUDOLPH VON DER RUHR, 6 Crown St., Webster, Mass.

Situation Wanted—By a competent florist and landscape gardener, with 25 years' experience and first-class references. Graduate of horticulture college and floriculture course; age 40, married, sober, and absolutely trustworthy. Address GARDENER, 1099 North Ave., Hubbard Woods, Ill.

Situation Wanted—For March 1st, by a practical all-around grower, competent to produce first-class stock and manage any kind of place. Commercial or private institution. Strictly honest, sober and reliable. Best references. State particulars. Address, Key 415, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience. OSCAR WERNER, 605 Main St., Petaluma, Calif.

Situation Wanted—As head gardener, florist, superintendent of private place; English, age 36, married, one child, age 9; life experience in all branches; hothouse grapes, peaches, melons, 'mums, carnations, roses, palms etc., vegetables, hardy fruits, perennials, trained fruit trees, and the general routine of a well kept place; 24 years on best estates; long references from this country and England. Please state wages in first letter. Address Key 476, care American Florist.

Help Wanted—A first-class, reasonable-priced florist and designer; one capable of growing all kinds of stock for small greenhouse; state wages. HARVARD GREENHOUSE, Harvard, Ill.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

For Rent—Desirable location or retail florist Lease expiring soon. Apply T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

For Sale—Part interest in one of Pittsburgh's leading retail stores. Key 483, care American Florist.

FOR SALE.

Large range of greenhouses near Chicago; $10,000 down and the balance on easy payments. Don't answer unless you have the necessary wherewithal and mean business. Address **Key 480, care American Florist.**

A1 ROSE GROWER

Wants position as foreman. Expert on American Beauty and all other commercial roses. Can furnish A1 references as to ability and character. Address, Key 487, care American Florist.

Traveling Salesmen to Sell Seeds.

Position open now for two experienced seed salesmen **who have been successful.** State experience in full, former employer and any other information essential in determining the fitness of applicant. All correspondence strictly confidential.

NORTHRUP, KING & CO., Seedsmen,
Hennepin Ave. and First St., Minneapolis, Minn.

Landscape Business and 18,000 ft. of glass for sale

in Chicago's richest suburb. Greenhouses are well stocked with plants, and three acres of valuable land are included in the deal. Splendid opportunity for a live man with some capital to take over an established business. For further particulars, address **Key 478, care American Florist.**

FOR SALE.

MAIL ORDER SEED BUSINESS.

Mail order Seed Business of Thirty Years Establishment. An unusual opportunity to secure a real money making seed business at a bargain. Annual patronage consists of 200,000 customers. It will pay one interested in this line of business to investigate. Good reasons for selling. Correspondence solicited. If interested can be shown actual results received daily at this time. Address, Key 488, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

A Fine Opening in Florida

for investment in a **fast growing** and **lucrative business** is offered by a firm of plant growers, landscape architects and general horticulturists.

To provide a **sufficient field** for activity and **further develope** an **already successful business**, additional capital to the amount of approximately $20,000 is desired for erecting greenhouses, developing and extending land holdings and the establishment of a wholesale and retail store in a progressive city, with excellent tributary trade. For further particulars address

Key 484, care American Florist.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

New 1914 Edition. **Price $3.00, Postpaid.**

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

POEHLMAN

72-74 E. Randolph St.,

BIG SUPPLY OF

Fancy Red, Pink, White Carnations

Tulips, Fancy Pink, Red and Yellow.

Fancy Sweet Peas and Princess of Wales Violets.

Killarney-Killarney Brilliant-Killarney Queen-Russell-Milady-Sunburst--Aaron Ward--Cattleyas--Valley--Daffodils--Jonquils.

CURRENT PRICE LIST.

Orchids.	Per Doz.
Cattleyas	$4.00 and $6.00
Gardenias	6.00

Beauties.	Per Doz.
Specials	$6.00
36-in. long	5.00
30-in. long	4.00
24-in. long	3.00
18 to 20-in	2.00
Short	per 100, 8.00 to 10 00

Roses.		Per 100
Hadley		$8.00 to $18.00
Shawyer		8.00 to 18.00
Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen	Ex. long	$15.00
	Long	$10.00 to 12.00
	Medium	8.00
	Short	4.00 to 6.00

Roses—Continued.		Per 100
Killarney, White Kill., Aaron Wards	Ex. long	$10.00
	Long	8 00
	Medium	6.00
	Short	$4.00 to 5.00
Russell—Ex. long, 30 to 36 in.		35.00
" Long		20.00 to 25.00
" Medium		15.00 to 18.00
" Short		6 00 to 12.00

Carnations.	Per 100
Medium	3.00
Fancy	4.00

Lily of the Valley.	Per 100
Extra Fancy	$4.00
1st Quality	3.00
2nd Quality	2.00

Miscellaneous.	Per 100
Jonquils and Daffodils	$5(
Paper Whites	6(
Sweet Peas	$1.00 to 2(
Freesia	4(
Tulips	3.00 to 4(
Easter Lilies	12(
Violets, double	.50 to
Violets, single	
Mexican Ivy	
Smilax per doz., $2.00	
Sprengeri-Asparagus	2.00 to
Asparagus Plumosus, string, 50c.	
Leucothoe	1(
Adiantum	.75 to 1(
Galax, bronze and green	per 1000, 1(
Eastern Ferns	" " 2(
Boxwood per bu., 25c, per case,	7(

SUPPLY DEPARTMENT.

SPECIAL CHIFFON PRICES, 2 inch waterproof, 2 cents per yard; 4 inch plain, 2 cents per yard; 6 inch plain, 3½ cents per yard.

GREEN BAMBOO CANE STAKES

1 foot, per 1000, . .	$1.10	2½ feet, per 1000, . .	$3.00
2 feet, per 1000, . .	2.50	3 feet, per 1000, . .	3.50
3½ feet, per 1000, . .	$4.(		
4 feet, per 1000, . .	5.(		

Very slender. Just what you want for Easter plants.

RUBBER HOSE. If you want a good hose try our Roxbro (Noxall). It serves us to goc satisfaction at our greenhouses. ¾ inch, per foot, 18c. Cut and coupled any lengths.

We handle the Goodrich greenhouse hose. Factory prices.

Green Carnation Powder For St. Patrick's Day

Enough to make two quarts of fluid for 50c per package. Order a sample package now.

MANNA GRASS

A product of the Japan Sea that will take the place of sea moss. A beautiful natural gree moss that grows and also retains its color when dried. Also invaluable as an aquarium Gras Sample sent for the asking, per $1.00 for about 50 bunches.

N BROS. CO.

ıg Distance Phone, Randolph 35.

CHICAGO, ILL.

WESTERN PALM HEADQUARTERS

rgest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

				Each
h pots,	5 to 6 leaves,	18	in. high	$0.35
h pots,	6 to 7 leaves,	24	in. high	1.00
h pots,	6 to 7 leaves,	28 to 30	in. high	1.50
h pots,	6 to 7 leaves,	32 to 34	in. high	2.00
h pots,	6 to 7 leaves,	40 to 42	in. high	3.00
h tubs,	6 to 7 leaves,	40 in.,	heavy	3.50
h tubs,	6 to 7 leaves,	42 to 44	in. heavy	4.00
h tubs,	6 to 7 leaves,	45 to 48	in. heavy	5.00
h tubs,	6 to 7 leaves,	58 to 64	in. high	7.50

Specimens, $20.00 to $40 00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

h pots,	5 to 6 leaves,	18 to 20	in. high	0 35
h pots,	5 to 6 leaves,	28 to 30	in. high	1.00
h pots,	5 to 6 leaves	34 to 36	in. high	1.50
h tubs,	6 to 7 leaves,	46 to 48	in. high	3.50
h tubs,	6 to 7 leaves,	50 to 54	in. high	5.00
h tubs,	6 to 7 leaves,	5 to 5½	ft. high	8.00
h tubs,	6 to 7 leaves,	6 to 6½	ft. high	10.00

Kentia Forsteriana

Made-up Plants

				Each
h pots,	3 plants in a pot,	28	in. high	$1.50
h pots,	3 plants in a pot,	36 to 38	in. high	2.50
h tubs,	4 plants in a tub,	38 to 40	in. high	3.00
h tubs,	4 plants in a tub,	38 to 44	in. high	3.50
h tubs,	3 plants in a tub,	48 to 54	in. high	5.00
h tubs,	4 plants in a tub,	52 to 56	in. high	6.00
h tubs,	4 plants in a tub,	5 ft.	high	8.00
h tubs,	4 plants in a tub,	5 ft.	high	10.00
h tubs,	4 plants in a tub,	6 ft.	high	12.00

y strong specimens, in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1.25
7-in. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 50 cents.

7-in. pots 22-in. high 30-32-in. spread.....$2.00
7-in. pots, 26-in. high 34-36 in. spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

5 inch, each	$0.25	per doz	$ 3.00
6 inch, each	.50	per doz	6.00
7 inch, each	.75	per doz	9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties, from 65c to $3.00 each in bloom.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2,50 each.

Cyclamen

In bloom, 5-in. at 35c and 6 in. at 50c each. Mostly light colored.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in., $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Aspidistras

Green, 5-in. pots, 10-12 leaves, $1.00.
Variegated, 5-in. pots, 10-12 leaves, $1.50.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-in. and 2-in. plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator	2 50	22 00
Venus	2 50	22 00
Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale	2 50	22 00
David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

☞ **Lily of the Valley in Pots.** In bloom, 6 inch, 75 cents each; 25 pips to the pot.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

Grafted and Own Root Rose Plants

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-in.	Per 1000	Per 5000
ll	$130 00	$600 00
ia	130 00	600 00
y	120 00	550 00
Geo. Shawyer	110 00	500 00
ı Ward	110 00	500 00
ney	110 00	500 00

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Grafted, 2½-in.	Per 1000	Per 5000
White Killarney	$110 00	$500 00
Killarney Brilliant	110 00	500 00
Richmond	110 00	500 00
Bulgarie or Taft	110 00	500 00
Cecile Brunner	100 00	.....

Own Root, 2½-in.	Per 1000	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00
Aaron Ward	60 00	275 00

Own Root, 2½-in.	Per 1000	Per 5000
Sunburst	$60 00	$275 00
Milady	60 00	275 00
Killarney Brilliant	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

iss Marvella French, late white.....$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
TE—				
th's Advance	$2 50	$22 00	$3 00	$27 00
ober Frost	2 50	22 00	3 00	27 00
ginia Poehlmann	2 50	22 00	3 00	27 00
rles Razer	2 50	22 00	3 00	27 00
e Papworth	2 50	22 00	3 00	27 00
H. Chadwick	2 50	22 00	3 00	27 00
thy Eaton	2 50	22 00	3 00	27 00
nwood Hall	2 50	22 00	3 00	27 00
ner	2 50	22 00	3 00	27 00
th's Ideal	2 50	.....	3 00	.....
nto	2 50	22 00	3 00	27 00
e Salomon	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00

	100	1000	100	1000
YELLOW—				
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000. **Philadelphia,** light pink, $6.00 per 100; $50 00 per 1000. **Winsor,** $20 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Lower Prices on Flowers

Easter Lilies Stems 3 to 4 feet long; very choice flowers, $10.00 per 100, or $1.50 per dozen.

Roses Very choice quality in all lengths of stem. We especially recommend our Shawyer, as at this time of year it is the finest Pink Rose in the market.

Carnations Our big fancy Red Carnation, the **Belle Washburn,** at 4c, is the best buy in the market. It is the American Beauty of the Carnation family. Fancy Pink and White Carnations, 3c to 4c, depending on market conditions.

We handle Bruns' Valley, Jurgens' and Cochrane's Tulips, Daffodils, Narcissus and other bulbous flowers, so have the finest stock coming in this market.

CURRENT PRICE LIST

BEAUTIES.	Per doz.
Specials, stems 48 in. and over	$5.00 to $6.00
36 in. stems	4.00
24 to 30 in. stems	3.00
18 to 24 in. stems	$2.00 to 2.50

Richmond-Killarney Brilliant-Pink and White Killarney.	Per 100
Specials, extra long stems	$10.00
Long	8.00
Medium length stems	6.00
Short length stems	3.00 to 4.00

Rhea Reid-Bulgaria-Sunburst.	Per 100
Specials, extra long stems	$10.00 to $12.00
Long	8.00 to 10.00
Mediums, stems 10 to 15 in.	6.00 to 8.00
Shorter stems	4.00 to 5.00

Carnations.	Per 100
Fancy red, very choice	$4.00
Fancy dark pink, very choice	$3.00 to 4.00
Fancy white and light pink, very choice	3.00 to 4.00
Easter Lilies	per doz., $1.50 10.00
Lily of the Valley	3.00 to 4.00
Narcissus Paper Whites	2.00
Tulips	2.00 to 4.00
Jonquils	3.00
Sweet Peas, assorted colors	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE, 131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

VALENTINE DAY TRADE BEST EVER.

The Valentine day trade this year was very good, and the best that the local florists have ever experienced. Both the local and out-of-town demand were brisk and stock in all lines cleaned up at an early hour at good prices. American Beauty, Richmond, Milady, Rhea Reid and all other red roses were in brisk demand and the same holds good with red carnations, red tulips, etc. Roses and carnations in general were both good property, and it was almost impossible at times to supply the demand. Violets and orchids sold quickly, and there was also a good call for lily of the valley. Sweet peas never sold better this season than they did for Valentine's day, but the supply was limited and what stock did reach the market brought fancy prices. Miscellaneous seasonable cut flowers, such as jonquils, Paper White narcissi, gladioli, pansies and freesia all sold well, and taken all in all, everything salable was disposed of with the possible exception of the late shipments on Sunday morning and everyone was more than satisfied with the amount of business that was done and the prices that were realized. The retail florists advertised quite extensively in the daily papers on the Friday before Valentine's day and also had very elaborate window displays which were so tempting that the public could not help but drop in and spend a few dollars. Plants sold well with the retail florists but cut flowers cleaned up at an early hour and several trips to the market were made by the larger florists who advertised and did not expect to do as large a business as they did. Business has shown a gradual improvement since last October and according to a majority of the wholesalers January in 1915 was much better than January in 1914 and it appears as if the same will hold good for February if the balance of the month is anywhere at all good. Stock is more plentiful this week and while prices are not quite as firm as they have been there is not any too much stock around at present even though the Lenten season has opened and a quiet week was expected.

Illinois State Florists' Ass'n
Annual Meeting and Exhibition
To be Held at
Urbana, March 2-3.

RANDALL AND AMLING FIRE.

The E. C. Amling Co. and A. L. Randall Co. stores located in the four-story Stewart building at 66-68-70 East Randolph street, in the heart of the great central cut flower market, were completely destroyed by fire early Sunday morning, February 14. The alarm was turned in shortly after two o'clock, and when the fire department arrived on the scene, the building was already a mass of flames, and it was only by hard work that the fire was kept from spreading to the Yale building on the east in which Poehlmann Bros. Co. is located, and the building adjoining on the west. It seems that the fire started on the top floor and worked down, for the roof fell shortly after the firemen arrived and when the blaze was extinguished, only the second floor and walls remained standing. Both firms carried insurance and while the damage to

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

BEAUTIES

Plenty of Beauties for everybody in all lengths of stems at prices ranging from $1.00 to $5.00 per dozen.

ROSES--CARNATIONS

Our supply of both is always so large that we can supply you when others cannot.

Current Price List.

AMERICAN BEAUTIES	Per doz.
Extra fancy	$5 00
30-36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.

	Per 100
Specials	$10 00 to $12 00
Select	8 00
Medium	5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward	Specials	$10 00
	Select	8 00
	Medium	6 00
	Short	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short	75 to 1 00
Roses, our selection, per 100		4 00

	Per 100
Carnations, fancy	$3 00 to $4 00
" select	2 00 to 3 00
Sweet Peas	1 00 to 1 50
Harrisii, per doz., $1 50 to $2 00	
Valley	3 00 to 4 00
Violets	75 to 1 00
Smilax, per doz., $2 00	
Adiantum	1 00
Asparagus, per bunch, 50 to 75c	
Ferns, per 1000, $2 50	
Boxwood, per bunch, 25c	
Galax, bronze and green, per 1000 $1 00	
Leucothoe Sprays, per 100, 75c to 1 00	

EXCEPTIONALLY FINE

AMERICAN BEAUTIES

Headquarters for the finest Beauties now obtainable. Try us on your next order and you will be surprised what splendid flowers you will receive for the money.

Roses, Carnations, Violets, Lilies, Sweet Peas, Valley, Tulips, Paper Whites, Romans, Jonquils, Freesias, Orchids, Etc.

Current Price List.

Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
Long stems	$4 00 to $5 00
36-inch stems	3 50
24 to 30-inch stems	3 00
20-inch stems	2 50
18-inch stems	2 00
12 to 15-inch stems	1 00 to 1 50

	Per 100
Richmond, Specials	$10 00 to $12 00
Medium	6 00 to 8 00
Short	4 00
ROSES, our selection	4 00

		Per 100
W. Killarney, Killarney, "Brilliant, Ward, Sunburst	Fancy	$10 00
	Med.	$6 00 to 8 00
	Short	4 00
Carnations, common		2 00 to 3 00
Fancy		4 00
Splits		1 50
Valley		3 00 to 4 00
Violets (double)		50 to 75
Violets (single)		50 to 75
Jonquils		3 00 to 4 00
Gladioli		6 00 to 8 00
Freesia (choice white)		3 00 to 4 00

	Per 100
Paper Whites	$3 00 to $4 00
Romans	3 00 to 4 00
Lilies, per doz.,	1 50 to 2 00
Callas, per doz.,	1 50 to 2 00
Sweet Peas	75 to 2 00
Smilax, per doz.,	2 00
Adiantum	1 00
Asparagus Strings, ea.,	75
Asp. Plumosus, bunch,	35 to 50
Fancy Ferns, per 1000,	2 50
Wild Smilax, per case,	5 00
Boxwood, per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays	75
Mexican Ivy	75

A. L. VAUGHAN & CO.,

161 N. Wabash Ave., (NOT INC.) TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

the E. C. Amling Co.'s establishment was caused mostly by water the A. L. Randall Co.'s entire store and stock of supplies were completely destroyed by fire. In both instances the fire just missed the offices and consequently all the records were saved, although they were somewhat badly damaged by water. The only damage that Poehlmann Bros. Co. suffered was from water which leaked into John Poehlmann's private office on the second floor, but the loss itself is nothing to speak of.

In spite of the fire both the A. L. Randall Co. and E. C. Amling Co. opened for business on Sunday, the day of the fire, when all the shipping orders were filled on time and the local trade was taken care of. The Amling Co. used the rear of Harry C. Rowe's store and the Randall Co. accepted the kind offer of Kyle & Foerster to do business at their place until other quarters could be secured. The wholesale florists all did what they could to assist the two firms in conducting their business while their establishments were on fire and both the Randall and Amling companies wish to thank them for their kind offers of assistance.

The E. C. Amling Co. is now comfortably located in its new quarters in the Federal Life building at 166 North Michigan ave., where business under the able management of John Michelsen is going along uninterrupted as though nothing at all had happened. The store has been equipped like it was before and everything is again in running order and while the firm has experienced the unpleasantness of a fire, everyone is making the best of the situation and all the customers are being treated with the same efficient service as in the past. The A. L. Randall Co. is now located in the Goodyear building at 177-179 North Michigan avenue, almost directly opposite the Chicago Flower Growers' Association establishment and the new E. C. Amling Co. store. Randall's cut flower department has been filling orders right on time since the fire, and while service in the supply department was affected somewhat, orders are now being filled from new fresh stock in both domestic and imported goods from stock in the firm's outlying warehouses, and from stock shipments that are being rushed from the east and elsewhere. The basket and wire work factory is again in running order and a new supply of chiffons and ribbons is due. Frank Johnson who has so successfully managed the firm in the past is leaving nothing undone to get affairs in working order as early as possible and feels that none of the customers will be inconvenienced in the slightest.

H. VAN GELDER, Pres. L. M. JONES, Secy.
PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
Importers and Jobbers of Florist Supplies
56 East Randolph Street
CHICAGO
Ribbons and Chiffons Our Specialty
YOU CANNOT buy our quality of Flowers elsewhere at a lower price,
—and—
YOU CANNOT buy our quality of service elsewhere AT ANY PRICE.
Very truly yours,
PERCY JONES.

ST. VALENTINE'S DAY BUSINESS.

The retail florists all report a record breaking Valentine's day business with a brisk demand for both cut flowers and plants and a good cleanup in all lines. Everywhere one went in the city all the stores had neatly arranged window displays and carried such fine lines of stock that one could not help but drop in and buy. Arnold's Valentine box made a big hit this year and so did Hughes' box. Violets sold well and the prices were very reasonable, stock selling from 50 cents per bunch up at retail. Friday, February 12, was an unusually good day and so was Saturday, but on Sunday the rainy weather put a damper on trade, otherwise it would have been much better. Lily of the valley in pots and in pans was featured everywhere and sold well. A. Lange, Fleischmann, George Wienhoeber, Samuelson, and Ernst Wienhoeber Co. carried big advertisements in the daily papers on the Friday before Valentine day, and those that did report splendid results and agree that printers' ink on this occasion proved to be a mighty good investment.

A. Lange on East Madison street had about all the business that he and his store force could conveniently handle and while a brisk demand was experienced for the $1.00 box of flowers, plants and other stock sold well, and the store was nearly always crowded with customers. The best ever is the report at this establishment in regard to the St. Valentine day business.

USE Budlong's Blue Ribbon Valley.

The Alpha Floral Co. had a splendid showing of stock at its store in South Wabash avenue in both cut flowers and blooming plants, but the latter sold best at this place, especially lily of the valley in pots, azaleas, cyclamens, hyacinths, etc.

George Wienhoeber had a large six foot heart of red frieze in addition to a fine line of cut flowers in his Valen-

H. B. KENNICOTT, President. F. KENNICOTT REILLY, Vice-President

Established 1883 Incorporated 1892

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

163-5 No. Wabash Ave., CHICAGO

THE HOUSE OF QUALITY

Don't take our word for it give us a trial order and let us show you.

ROSES
CARNATIONS
FREESIAS, JONQUILS
FANCY VALLEY, DAFFODILS
PAPER WHITES AND
VIOLETS, TULIPS
FANCY TULIPS
SWEET PEAS

OF COURSE KENNICOTT'S HAVE A COMPLETE STOCK OF WIRE DESIGNS.

FLORISTS' SUPPLIES

AND

WIRE DESIGNS

Large stock of everything that a Retail Florist needs. All orders will be filled promptly.

Write for Catalog.

JOSEPH ZISKA & SONS

Wholesale Dealers in Wire Designs and Florists' Supplies.

151-153 N. Wabash Ave., CHICAGO, ILL.

SLIGHTLY DISFIGURED

BUT STILL IN THE RING

FIRE destroyed our store at 68-70 East Randolph Street, early Sunday morning, February 14, but business is going along as usual and we are now located in new quarters in the Federal Life Building, at 166 North Michigan Avenue. The greater part of the damage we suffered was more from water than fire, but all our records were saved and every order was filled on time on Sunday the day of the fire, in other quarters as though nothing at all happened. Our new store was open for business at the regular time, not a sale was lost—and while we are slightly disfigured we are still in the ring with the largest and most complete line of Cut Flowers and Greens, and are giving our customers the same high service and the same high quality of stock as in the past.

Be Sure Your Order Always Goes to

E. C. Amling Co.

Largest and Most Centrally Located Wholesale Cut Flower House in Chicago.

166 North Michigan Avenue, CHICAGO, ILL.

L. D. Phones: Central 1977-1978.

tine day window display, and his offer of a bunch of violets delivered postpaid anywhere for $1.00 was a winner. Everything sold well, but violets had the call at this store, over 50,000 being disposed of according to the proprietor.

Schiller, the Florist, reports an increase in the Valentine day business at the West Madison street store with the demand best for violets. George Asmus says that Valentine Day trade has shown a big improvement each year at this establishment and that it is getting to be quite a big flower day. Schiller's North Side store also had a fine Valentine day business.

O. J. Friedman had a splendid display of neatly arranged baskets of bulbous flowers, etc., at his South Michigan avenue store, and featured a special valentine box of his own for this occasion. Business was very good and he did more business than he expected to.

The George Wittbold Co. enjoyed a splendid Valentine day business and did much better than last year, cut flowers of all kinds selling well. Violets had their usual good call, but roses were all in brisk demand.

The Bohannon Floral Co. had a magnificent display of orchids, sweet peas and other cut flowers at its East Monroe street store and enjoyed splendid business. A handsome new 40 h. p. Overland delivery car was used to make deliveries on Dan Cupid's day.

The Fleischmann Floral Co. had on display a large quantity of bulbous flowers in pans and baskets as well as a large supply of other seasonable cut flowers and was well pleased with the Valentine day trade in general. Violets had a splendid call as usual.

Mangel, the Palmer House Florist, had a very pretty Valentine window of neatly arranged baskets of cut flowers, etc., and enjoyed a better Valentine day business then he did last year.

AMLING'S AND RANDALL'S FIRE-WRECKED BUILDING AT CHICAGO.—See Page 224.

The Atlas Floral Co. on East Randolph street had a pretty window display the whole week before Valentine day, a change being made each day. Business was very good at this store, and according to Mrs. Irene Williams, it could not have been much better.

Harry C. Rowe had a dandy display at his new store in North Wabash avenue and also did a nice business.

H. N. Bruns says that the Valentine day trade at his Madison street store was almost as good as an ordinary Easter business with bulbous stock of all kinds in best demand. Roses and carnations brought better prices than they did last year, but violets sold at very reasonable prices this year.

NO INTERRUPTION TO BUSINESS

Regarding the big fire which completely destroyed our building on Sunday morning, February 14, we wish to announce that there will be no interruption whatever to business and that we are now located in temporary quarters at 177-179 North Michigan Avenue.

Positively No Delay in CUT FLOWER Shipments.

Every order will be filled in the same prompt manner as in the past. Most of our Sunday shipments went out as usual from quarters secured while the fire was still raging.

Service in Supply Department Interrupted 24 Hours.

Our entire stock of supplies was destroyed by fire with exception of what was stored in our outlying warehouses, but all Domestic and Imported Supplies are now available and all orders will be filled from the new fresh stock in our outlying warehouses and incoming shipments.

We want orders to continue to arrive. Send them all to

A. L. Randall Co.

Wholesale Cut Flowers and Florists' Supplies.

177-179 North Michigan Ave., CHICAGO

NOTES.

O. Johnson of the Batavia Greenhouse Co. is well pleased with the business outlook and says that the sales the past month were very good. He adds that if business was as good last November as it was last month his firm would have added a couple of new houses to its range this spring, but conditions were so unsatisfactory and uncertain then that it was decided to postpone building until some future date.

The Garland Manufacturing Co. is building a fine new steel boiler shed for Sol Garland at Des Plaines and is also repairing his greenhouses, which were damaged by fire recently. A brisk demand is being experienced for the "Little Wonder" rose nozzle which sells for 35 cents each and is to be found in use at nearly all the leading commercial establishments in this and other vicinities where roses are grown.

Nic Kruchten, when interviewed at John Kruchten's wholesale store this week, says that some of the carnation plants in his greenhouses are recovering from the effects of the damage done by gas several weeks ago, but that plants of the variety Victory seem to have suffered most and appear to be completely destroyed.

Tim Matchen, who is now operating a retail store at Indiana Harbor, is going to open a new establishment at East Chicago, March 1. He has already placed the order for his new refrigerator with Buchbinder Bros. of this city.

The Chicago Flower Growers' Association now has the E. C. Amling Co. and the A. L. Randall Co. as neighbors. The Amling store is only a few doors south and the Randall store is directly across the street.

Peter Sroczyniski, probably better known as "Big Pete," as he is often familiarly called, is confined to the St. Luke's hospital where he underwent an operation for gall stones February 15.

Mrs. Kuehnel of the Auburn Florist, 734 West Seventy-ninth street, who has been confined to her home for some time by a serious accident, is able to be about again.

Chas. W. McKellar and wife expect to leave about March 1 for San Francisco, Calif., to spend a month or so at the Panama-Pacific exposition.

A. T. Pyfer says that carnations never sold better for Valentine day at the Chicago Carnation Co.'s store than they did this year.

W. N. Rudd is scheduled for a two weeks' course of lectures at the Illinois State University, commencing February 23.

The Fair placed an order this week for a florist refrigerator with Buchbinder Bros. of this city.

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

ROSES AND CARNATIONS

Nice, large supply of Roses and Carnations in all the leading varieties, and in all grades, at prices that will surely meet with your approval. If you have never bought any stock from us, there is no better time to start than the present, and we are confident that a trial order will prove that we are in as good a position to supply you with stock as well and even better than any other house in this or any other market.

Large Crop of Fancy Freesias

Always remember that we are headquarters for fancy Freesias and can also take care of you in grand style on Tulips, Narcissus, Violets, Sweet Peas, Valley, Lilies and everything else that is seasonable in Cut Flowers and Greens. Our line is always so complete that if any particular item is desired and is to be had, it is usually at our establishment.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phone Central 3284. **Chicago**

N. J. Wietor reports that both the local and shipping demand were brisk at Wietor Bros.' store for Valentine day, and their books show a big increase over last year. Roses and carnations sold exceptionally well, but American Beauty roses had the call and cleaned up at an early hour. This firm is now in good crop with both roses and carnations, and the quality of the American Beauties that they are cutting is all that can be desired.

Otto W. Frese says that the Valentine day trade was very good at Poelhmann Bros. Co.'s store this year and stock of all kinds had a brisk call and cleaned up early. In the supply department everything is going along nicely now, although it looked for a time Sunday when the big fire was raging next door as if T. E. Waters would be without a home next day.

Kennicott Bros. Co.'s store is beginning to look pretty classy as the alterations progress and when everything is completed will enable the store force to handle the orders to better advantage. The wire working department is pretty busy now filling orders that are constantly being booked.

Joseph Ziska & Sons are doing a nice business in supplies and Raymond has been kept busy with his delivery car in trying to distribute the orders as fast as Joseph and John fill them. The demand for wire designs has been very brisk of late and a new catalogue is ready for distribution.

At Percy Jones' store the Valentine day trade was surprisingly good and Saturday, February 13, was the best Saturday that the firm has experienced. Everything went like hot cakes and while every order was filled in full, there was no surplus left when the store closed for the day.

John Sinner says that with one exception every order that Sinner Bros. received from their carnation cutting advertisement in THE AMERICAN FLORIST was accompanied with a good sized check, and that the exception has already been paid.

At J. A. Budlong's store one cannot help but admire the splendid quality of the roses that firm is cutting now and Phil Schupps says that the demand so far has cleaned up the supply.

The Raedlein Basket Co. has a big display of all the latest styles in Easter baskets at its Milwaukee avenue salesroom and cordially invites all its customers to call and inspect same.

ROSES

Killarney and White Killarney

$4.00 to $10.00 per 100.

Exceptionally well grown stock. Nice large heads on strong stems, well laden with luxuriant foliage. One of Chicago's leading Retail Florists always uses our roses and has never yet made a complaint.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Avenue, Chicago

EVERYTHING

Cut Flowers AND Greens

Send all your orders where they will receive the proper attention.

THE NEW LIVE WIRE.

FRANK FLORAL CO.

Wholesale Florists, 179-181-183 Wabash Ave., CHICAGO.

Erne & Klingel are receiving very fancy Butterfly sweet peas now in addition to their usual fine line of stock. To-bak-ine and Nico-fume are still handled in quantity at this store.

George Reinberg is booking quite a number of orders for rooted rose cuttings, and bench rose plants now, and almost every mail brings in new orders.

George C. Weiland was well pleased with the Valentine day trade at M. Weiland's store in Evanston, which was the best that has been experienced yet.

Hoerber Bros. will grow the new roses, Hoosier Beauty and Ophelia, next season at their Des Plaines greenhouses.

USE Budlong's Blue Ribbon Valley.

Mention the American Florist when writing

Harry Nicholson, foreman of H. W. Buckbee's carnation range at Rockford, visited friends here February 14.

The Frank Floral Co. is showing a nice line of bulbous flowers now and is supplying its trade with fancy ferns.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph Street, L. D. Phone, Randolph 6578 CHICAGO, ILL.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Flower Growers Corporation

Wholesale Only. Consignments Solicited.

118 Broadway, DETROIT, MICH.

John Poehlmann was given quite a scare early Sunday morning, February 14, when a Pinkerton man called him up at his home about four o'clock telling him that the Poehlmann Bros. Co.'s store was afire. He immediately called up his brother August at Morton Grove, notifying him of the news and made a quick trip in his auto to the store to find out that their store was safe, but had a narrow escape, for it adjoins the Stewart building in which the E. C. Amling Co. and the A. L. Randall Co. were located and which was completely destroyed by fire. August Poehlmann reached the scene shortly after he was notified and the writer can just about imagine how long it took him to make the flying trip in his Winton Six to the city from Morton Grove.

Bassett & Washburn were unable to supply the demand for their new carnation Belle Washburn for Lincoln's birthday and Valentine day at $6.00 per 100 and over 10 per cent of the orders for this splendid variety had to be refused. Business was very good at this house the past week and so good that Mr. Washburn will give his able assistant, Mrs. Horton, a vacation so that she can take in the sights at the Panama-Pacific Exposition at San Francisco, and be back before the Easter rush. Mrs. Horton will leave for the Golden Gate city March 3.

A. L. Vaughan & Co. have experienced a splendid shipping business right along, but Mr. Vaughan says that the out-of-town demand was surprisingly large and which also holds good for the city trade. American Beauty roses never sold better for Valentine day, and while red roses and red carnations were in best demand, other stock sold well in all lines and a grand cleanup was the result.

At Peter Reinberg's store the report for Valentine day is that it was the best in three years, with the shipping trade very heavy. Orders for roses were refused from other out-of-town wholesale markets, but all the regular customers were taken care of. Mr. Reinberg recovered sufficiently from his recent illness to make his regular visits to the store this week.

Kyle & Foerster kindly offered the use of their store to the A. L. Randall Co. on Sunday, February 14, which enabled that firm to get all its orders out on schedule time. The florists did all they could to assist both of the firms in every way possible for those whose stores were destroyed and it was pleasing to note the friendly feeling that existed.

Anton Then's many friends will regret to hear that he fractured his arm when he slipped and fell on an icy sidewalk about a week ago.

Wholesale Flower Markets

Current Price List	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in	5 00
" " 30-in	4 00
" " 24 in	3 00
" " 20-in	2 00
" " 15-in	1 50
" " 12-in	75@1 00
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	4 00
Carnations	1 50@ 4 00
Cattleyas...per doz...	4 00 to 6 00
Freesias	3 00@4 00
Gladiolui (Southern)	6 00
Gardenias	$6.00 per doz.
Lilium Harrisii	12 50@15 00
Paper Whites	3 00
Romans	3 00
Stevia	1 50@ 2 00
Sweet Peas	1 00@ 2 00
Tulips	4 00
Valley	3 00@ 4 00
Violets	75@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns "	2 50
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

USE Budlong's Blue Ribbon Valley.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone, Central 328

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Smith & Young Co.

WHOLESALE

Cut Flowers and Supplies

228 East Ohio Street

INDIANAPOLIS, IND.

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Otto Amling, of Maywood, is the proud father of a baby girl who arrived on the morning of Wednesday, February 16. This is the only girl in the A. F. Amling family and it is needless to add that the little stranger is more than welcome.

Zech & Mann are supplying their many customers with fancy freesias which they are handling in quantity. The Valentine day business was a record breaker at this store and everything in cut flowers was in brisk demand.

Weiland & Risch are again cutting heavily in Mrs. Chas. Russell roses, but the demand for this variety is always so brisk at this house that there is hardly ever any surplus.

Visitors: Edw. Amerpohl, Janesville, Wis.; C. J. Reardon, Davenport, Ia.; A. M. Terrill, Calgary, Alta., Can.

Philadelphia.

ST. VALENTINE BUSINESS HEAVY.

The feature of the week was the demand for St. Valentine's day. All the retail men were busy, or expected to be, for this floral festival, and stocked up according to their volume of business. The result was that all the wholesalers' big boxes were entirely cleaned up by Saturday morning, and buyers stood around awaiting their chances on the various consignments as they arrived. The crops on nearly all the roses still run light, and prices hold firm. What little stock there is runs very good. The Killarney Brilliant appears to be making good, owing possibly to the rather uncertain color of the older sort. Some good Russells and Shawyers are coming in; also Mock, which commands about 50 per cent more than the other

PHILADELPHIA SPRING SHOW
MARCH 23-25.

sorts, its long stems and large buds bringing it next to the American Beauty in size. The American Beauty still holds back with prices out of sight, $9 per dozen being asked for the specials. While we hear stories of splendid looking beds of carnations, they appear to be scarce, the price for specials being boosted to five cents. Violets were the only really plentiful flower on the market; there were quantities of singles and New York doubles, the latter at $7.50 per thousand. Gardenias cleaned up very well, all specials being bought up on sight at top prices. There were plenty of cattleyas, the specials being offered in quantity at low prices. Daffodils had an inning and sold well all week, they being largely used in the boxes of spring flowers, which are now the leading features of the store trade. Good plumosus sprays are scarce, the demand exceeding the supply. Any one with a crop of this useful green, or maidenhair, will find good sale for it in this market. Sweet peas were in great demand, all shipments being practically sold before they arrived. The Spencers are superb and the Blanche Ferry is the best seller.

NOTES.

The carnation night at the next meeting of the florists' club, March 2, will give the growers with promising seedlings, a good opportunity to make bids for popularity. Each shipment sent express prepaid to Secretary David Rust, will be well staged, and be sure of action by the club's committee. The essay committee were fortunate in securing E. A. Harvey of Brandywine Summit, Pa., a carnation specialist, as the essayist of the evening. There will no doubt be a banner attendance.

There is to be a new wholesale house in this city. Stuart H. Miller, who has been the first lieutenant to Edward Reid for some twelve years, is to open up a commission business next door to his old employer, at 1617 Ranstead street. Mr. Miller is well versed in the business, enterprising and a hard worker. He has the best wishes of his old employer and the trade generally for his success.

Edward Reid is a great friend of the carnation, and spends some of his spare time motoring among his growers. He recently visited Mrs. Sarah I. Smith's houses at Secane, Pa., and saw the finest growth and crops of flowers he had ever seen grown by man or woman. Mrs. Smith is a very enthusiastic carnationist, and also succeeds with violets.

Wholesale Flower Markets

BOSTON, Feb. 17.	Per 100
Roses, Beauty	5 00@35 00
" Killarney Queen	2 50@ 8 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 6 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	75@ 1 00
" medium	50@ 75
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, Feb. 17.	
Roses, Beauty, special, doz.	7 00
" " fancy, "	5 00
" " extra "	4 00
" " No. 1, "	3 00
	Per 100
" " No. 2	4 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Hillingdon	2 00@ 5 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 6 00
" Taft	4 00@10 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Daffodils	2 00@ 3 00
Freesia	3 00@ 4 00
Mignonette	4 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Stevia	1 00
Tulips	2 50@ 3 00
Asparagus, per bunch.. 35@ 50	
Asparagus Sprengeri... 35@ 50	
Ferns ..... per 1000, 2 00	
Smilax	15 00

CINCINNATI, Feb. 17.	
Roses, Beauty ..... per doz..$1 00@$4 00	
	Per 100
" Killarney	4 00@ 8 00
" My Maryland	4 00@ 8 00
" Richmond	4 00@ 8 00
" Taft	4 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	10 00@15 00
Asparagus Plumosus..per bch., 25c	
Carnations	2 00@ 3 00
Hyacinths	4 00@ 5 00
Orchids, per doz	3 00@ 3 50
Violets	35@ 75
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	3 00@ 4 00
Rubrum Lilies	4 00@ 8 00

ST. LOUIS, Feb. 17.	Per 100
Roses, Beauty, medium	8 00@12 50
" " short stems	4 00@ 6 00
" Killarney	4 00@10 00
" White Killarney	6 00@10 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	4 00
Carnations	2 50@ 4 00
Orchids	35 00@50 00
Rubrum	8 00
Violets	40@ 60
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	10 00@12 50
Jonquils	4 00
Tulips	3 00
Acacia ..... per bu., $3 00	
Ferns ..... per 1000, 2 00	
Leucothoe ..... per 100, 60	
Galax ..... per 1000, 1 25	

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies
Mention the American Florist when writing

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

USE **Budlong's** Blue Ribbon Valley.

C. C. POLLWORTH CO.
Everything in the line of Cut Flowers, Plants and Florists' Supplies.
MILWAUKEE, WIS.

HOLTON & HUNKEL CO.
462 Milwaukee St., MILWAUKEE, WIS.
Wholesalers and Growers of
Choice Cut Flowers and Greens

Florists' Greening Pins
No florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins.)
Price, per box, $1.50; 5 boxes for $7.00.
GEO. H. ANGERMUELLER
Wholesale Florist, 1324 Pine St., St. Louis, Mo.

WM. C. SMITH
Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

WINDLER WHOLESALE FLORAL CO.
1310 Pine St. ST. LOUIS MO.
Central 1474 Olive

GUST. RUSCH & CO.
Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Choice carnations, snapdragons, lily of the valley and gardenias are leaders with the Leo Niessen Co. The largest stock of American Beauty roses in the country is seen here, but little is said of them now as they are nearly all sold in advance.

W. K. Harris cut and marketed 500,000 Golden Spur daffodils, during the last week of January and the first week of February, twelve working days. Their market was in all the large cities of the east.

Robert Craig Co. reports the Easter rose stock to be coming on in first class shape. An immense crop of giganteum lilies and several houses of hydrangeas are also features of their stock.

Berger Bros. report more business than flowers the past week, but their growers assure them that they will very shortly be able to supply all their needs.

The M. Rice Co. has recovered its breath after the St. Valentine's day rush. Their heart basket was a great hit. They promise another sensation for Easter.

Killarneys, white and pink, are now in crop again with the Joseph Heacock Co. Very select cattleyas are also a feature.

L. P. Vollers cleaned up all the red carnations February 11, having a large order for a school commencement.

K.

PEORIA, ILL.—The Siebenthal & Nelson Flower Store, successor to the Rue Floral Co., has opened one of the most up-to-date flower shops in the city at 408 Main street.

Wholesale Flower Markets

PHILADELPHIA, Feb. 17.	Per 100
Roses, Beauty, extra	60 00@75 00
" " first	15 00@25 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 2 00
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, Feb. 17.	Per 100
Roses, Beauty, special	75 00
" " fancy	60 00
" " extra	30 00
" " No. 1	15 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00@ 3 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75@ 1 00
Violets	1 00
White Lilac, per bunch.	$1.00
Asparagus Sprengeri, per bunch.	35@40
" Sprays, per bunch.	35@40

Chicago Bowling.

FLORISTS' NORTH CHICAGO LEAGUE SCORES.

	1st Game	2d Game	3d Game
J. Huebner	154	194	155
Lorman	180	155	129
Zech	142	168	188
Price	197	175	213
Olsem	171	158	160
Totals	844	850	845

RICE BROTHERS
Wholesale Florists and Florists' Supplies
We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.
Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, Feb. 17.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 4 00
Lilies, per doz.,	$1.50
Snapdragon, per bunch, 25c @50c	
Sweet Peas	75@ 2 00
Valley	2 00@ 4 00
Violets	50@ 1 00
Tulips, Freesia	2 00@ 3 00
Daffodils, Trumpets	3 00
Romans, Paper Whites	2 00@ 3 00

HOUSTON, TEX.—At a meeting of the Houston Florists' Club, February 2, at the Chamber of Commerce, the proposed "Houston pretty yard contest" was discussed. Plans for the fall flower show were also taken under consideration.

Our Motto:—The Best the Market Affords

C. S. & Co.
NEW YORK

JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00
Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00. Lilium Multiflorum, 7/9-in., case of 300 bulbs, $16.50. Lilium Giganteum, 7/9-in., case of 300 bulbs, $16.50.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

MARKET UNCHANGED.

There is no change worthy of note in the cut flower situation. St. Valentine's day made some business for some of the large stores, but at others it was stated that they noted little change. All kinds of roses are increasing in supply and nobody can foretell what prices will be at the end of this week. Carnations seem to be holding their own. Such stock as Georgeous is wholesaling as high as $6 per 100. There is fine stock of Mrs. Ward,

NEW YORK SPRING SHOW
MARCH 17-23.

Matchless and other productions that bring $4 to $5 per 100. On Saturday, February 13, there was quite a lively movement in orchids. On that day, the "violet men" put up the price of violets to 50 cents per 100. On Sunday morning violets could be bought for $1.50 per 1,000. There is an enormous supply of tulips, narcissi and freesias and the end is not yet.

James K. Allen will remove May 1 to more commodious quarters at 118 West 28th street.

Scores of the New York Florists' Bowling Club, Thursday, February 11, were as follows:

	1st Game	2d Game
J. Miesem	171	179
W. P. Ford	213	156
C. W. Scott	156	167
A. M. Henshaw	149	166
W. Pierson	157	164
A. Schanzer	118	132
H. C. Riedel	172	203
W. H. Siebrecht	155	161
R. J. Irwin	151	157
P. Jacobson	144	163
F. Niquet	176	166
J. Niquet	153	140
I. Fenrich	159	167

Westchester and Fairfield Hort. Society.

There was a large and enthusiastic attendance at the monthly meeting of this society held in Doran's hall, Greenwich, Conn., Friday evening, February 12, President W. J. Sealey in the chair. Several new members were elected, and a number of proposals for membership were received and placed on file. It was voted to hold the fall exhibition again this year and dates will be announced later. Among the visitors present were: W. J. Collins, of Carters Tested Seeds, Boston, Mass.; A. L. Rickards, of Stumpp & Walter Co., New York; Chas. H. Totty, M. C. Ebel and Arthur Herrington, Madison, N. J. Each in turn spoke briefly, complimenting the society on its progress, and the fine monthly exhibitions that are a feature of each meeting. Mr. Herrington, who has been appointed manager of the national flower show that will be held in New York, March 17-23, spoke at length, outlining the plans that have been made to make the exhibition of 1915 a success that is expected to eclipse all previous efforts in this direction. The support of our members is anticipated. The Hon. John M. Brown, mayor of Stamford, made a few remarks, and assured the members of his best wishes and hearty support.

"Coniferous Trees that Thrive and Are Adapted to Climatic Conditions of the Counties of Fairfield, Conn., and Westchester, N. Y.," was the subject chosen by Henry Kelly, of New Canaan, Conn., who delivered his lecture in a straightforward and comprehensive manner, describing planting methods, suggestions for grouping, and methods for combating insect pests and diseases that some evergreens are subject to. Mr. Kelly was accorded a rising vote of thanks for his instructive and interesting lecture. The same honors were also accorded to Thos. Ryan, of Portchester, N. Y., who read an essay on "Sweet Pea Culture for Exhibition," which was well received and replete with helpful cultural hints. A feature of the meeting was the competition for the prizes offered by John Canning, of Ardsley, N. Y., for the best vase of roses, any variety. Jas. Stuart won the first prize with a grand vase of Killarney Brilliant. The second prize was awarded to Robt. Grunnert for a fine vase of the same variety. The commercial section was represented by Chas. H. Totty, Madison, N. J., and Reuter & Sons, Westerly, R. I. Mr. Totty showed a fine quartet of new roses, Mrs. F. F. Thompson, Georgeous, Mrs. Geo. Gordon and September Morn. All were very fine and received high commendation. Reuter & Sons staged a fine vase each of Killarney Brilliant and Crimson Queen that attracted a lot of attention and were highly commended by the judges. In the non-competitive exhibit a display of cyclamens from Jas. Linane was very highly commended; bunch of violets from Carl Hankenson received a vote of thanks; display of Primula malacoides from A. Wynne received honorable mention; vase of new winter flowering sweet peas from Patrick Fairfield, vote of thanks. A cultural certificate was awarded to Robt. Allen for a grand vase of mignonette that was exceptional in size and vigor; vote of thanks to A. Wynne for vase of stocks. Honorable mention was accorded to W. H. Fisher for display of carnations. Robt. Grunnert received the same honors for a fine vase of carnations. Honorable mention was given to Robt. Allen for display of cinerarias. P. W. Popp was highly commended for a combination of miniature pink hyacinths and lily of the valley, and the same exhibitor received honorable mention for a specimen plant of Erica codonodes. The next meeting will be held March 12 at 7:30 p. m. A prize will be offered for the best exhibit at the meeting.

P. W. POPP, Cor. Sec'y.

Providence, R. I.

ST. VALENTINE BUSINESS GOOD.

Valentine business was all that the trade could wish for this year; all stock sold exceptionally well, and the stock was A No. 1. Violets had a very heavy demand and sold in bunches of 100 and 150. Sweet peas also had a heavy demand and sold out early. Corsages of marguerites were sold. Cyclamens sold very well this year in fancy baskets and pot covers. Lily of the valley corsages and orchids met with ready sale. One florist using the red heart boxes sold out his stock of boxes and violets as early as 7 p. m. Saturday night and had to disappoint a good many customers. No one expected the business this year as in former years, and every one found it even better than last year.

NOTES.

Bourgaize & Son, of Hoxie, are cutting the best daffodils to be seen in town now. This is his first venture in bulb forcing under glass, and he is making a success.

There were several St. Valentine windows in the city this year that were good, large red hearts and Cupids being used to good effect.

The Liggitts drug store sold cyclamens Saturday in their store with Willie Cohen, formerly of Smith, the florist, in charge.

C. S. Macnair, who has been sick for some time, is expected back to business very soon. H. A. T.

BLOOMINGTON, ILL.—The greenhouses which have been successfully operated for several years by C. W. Moore have been sold to Andrew Peterson, of Gibson City, who will take possession March 1, continuing his Gibson City greenhouses as well.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

J. K. ALLEN

Established 1878
108 West 28th Street
New York

Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer

Phones { 1664 / 1665 } Madison Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

F. R. SNYDER

RHINEBECK, - N. Y.
Grower of
"Marie Louise" Double
VIOLETS
Best stock. Prompt service.
Reasonable prices.
Send your orders.

Geo. C. Siebrecht

WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

HORACE E. FROMENT

WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
57 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Walter F. Sheridan

Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

WM. KESSLER

Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.

Frank H. Traendly Charles Schenck
Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
131-133 W. 28th St., NEW YORK
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

The Kervan Company

FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Wholesale Flower Markets

	New York, Feb. 17.	Per 100
Roses, Beauty, special		50 00@60 00
" " extra and fancy		40 00@50 00
" " No. 1 and No. 2		10 00@20 00
" Alice Stanley		6 00@12 00
" Prince d'Arenberg, special		12 00@15 00
" Francis Scott Key, special		12 00@15 00
" Mrs. Geo. Shawyer, special		12 00
" " " extra		4 00@ 8 00
" " " No. 1 & No. 2		3 00@ 4 00
" White Killarney, special		6 00@10 00
" Killarney, My Maryland... special		10 00@12 00
" " No. 1 and No. 2		4 00@ 6 00
" " Queen, special		10 00@12 00
" " Brilliant		3 00@12 00
" Aaron Ward		3 00@10 00
" Richmond, special		8 00@12 00
" Sunburst		3 00@12 00
" Taft		3 00@12 00
" Milady, special		3 00@12 00
" J. L. Mock		3 00@10 00
" Hadley		6 00@20 00
" Ophelia		3 00@12 00
" Mrs. Chas. Russell		3 00@15 00
Carnations		3 00@ 4 00
Cattleya Orchids, special		35 00
" " inferior grades		15 00@20 00
Jonquils		2 00@ 2 50
Lilies, Longiflorum and Harrisii		6 00@10 00
Lily of the Valley		2 00@ 3 00
Tulips		1 50@ 2 00
Violets		15@ 35
Gardenias....per doz., $2.00@$3.00		
Adiantum Croweanum and Hybridum		50@ 75
Asparagus Plumosus....doz. bchs.		2 50
Smilax.....doz. strings.		1 25@ 2 00
Paper White Narcissus.doz..		$1 75@$2.00
Sweet Peas, per doz. bunches.		1 00@2 00
" " Spencer type		1.50@2.50

George B. Hart

WHOLESALE FLORIST
24-30 Stone St., Rochester, N. Y.
Mention the American Florist when writing

Paul Meconi

Wholesale Florist
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United Cut Flower Co., Inc.

WHOLESALERS
111 W. 28th St., New York City
Phones: Madison Square 594-4422.
We solicit consignments of cut flowers of all kinds
Books open for inspection.
GEORGE J. POLYKRANAS, Manager.

M. C. Ford

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Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
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John J. Reynolds, Mgr. Phone Madison Sq. 4490
HUGH H. NELSON

Wholesale and Commission Florist
103 West 28th Street, NEW YORK

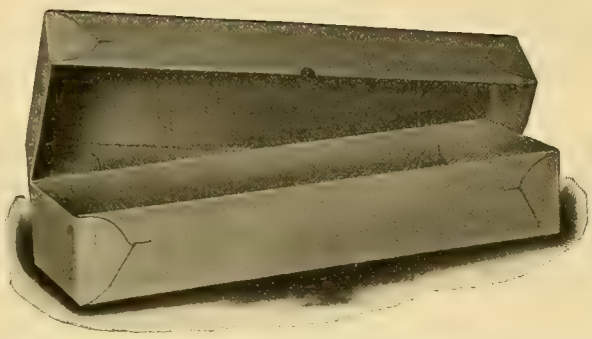
Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer

WHOLESALE FLORIST
103 West 28th Street, NEW YORK
Mention the American Florist when writing.

Nassau County Hort. Society.

The monthly meeting of the Nassau County Horticultural Society was held in Pembroke hall, Glen Cove, February 10, with President Ernest Westlake in the chair. W. H. Reynolds was elected to active membership and one application was received for active membership. The exhibition table was well filled and J. P. Johnstone, W. Robertson and G. Gilder, who were appointed to act as judges, made the following awards: Twelve sprays freesia—J. McDonald, first; also first for exhibit of one plant of stock. One plant of Primula malacoides, exhibited by F. Honeyman, was awarded first prize. An exhibition plant of the same variety exhibited by James Duthie was very highly commended. Harry Jones' exhibit, a pot of freesias, received the thanks of the society. President Westlake announced that he would offer a fountain pen as a prize at the next meeting for the best vase of carnations, 25 mixed. Other exhibits will be carnations, 12 white, 12 pink and 12 any other color.

JAMES GLADSTONE, Cor. Sec'y.



YOU get both quality and style in SEFTON FLOWER BOXES, at no greater cost. There's no better advertisement than a smart, distinctive package; we insure this for you with the right materials, finished in handsome, non-fading shades.

You ought to have our Catalog (illustrated in colors) also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street CHICAGO, ILL.

Cleveland.

ST. VALENTINE'S DAY SALES HEAVY.

The weather for Saturday and Sunday was ideal for St. Valentine's day, with the result that florists locally did almost twice the business they did last year, particularly in violets, which flower cleaned up entirely, as did also all roses and carnations. The advertising at the food show last week, together with the cooperative advertising in the newspapers, certainly had much to do with the tremendous business that we did here. Tulips, daffodils and narcissi also sold well, especially being used freely in "dollar boxes." Lily of the valley was in good demand, with a supply of excellent quality stock. Sweet peas were quite plentiful, some stock being quite short in the stem, but the better grades cleaned up entirely. Adiantum and such flowers as are used in corsages were perhaps most in demand. Both calla and Easter lilies were short of the demand. Considerable funeral work is being done by nearly all the florists.

NOTES.

L. L. Lamborn of the Lamborn Floral Co., Alliance, O., is at Battle Creek, Mich., where he will spend a few weeks for his health. He has not been in the best of health for some time.

Frank Friedley has been confined to the house for several days the past week with the grippe.

Geo. Bates of the Cleveland Cut Flower Co. was presented with a fine baby boy.

C. F. B.

Rochester, N. Y.

Plans for a flower show to be held at Exposition park next fall were discussed at a meeting of the Rochester Florists' Association February 8. The management of the industrial exposition suggested the idea and the florists have entered enthusiastically into the plan. A committee, composed of George B. Hart, chairman; F. J. Kelley, A. H. Salter, Harry E. Bates and Charles H. Vick, will work in connection with the industrial exposition committee.

A movement is now on foot to bring the annual meeting of the American Rose Society to this city in the spring of 1917. The display that would be held in connection with the meeting probably would be one of the most brilliant floral exhibitions ever seen here.

A return bowling match between the Buffalo Florists' Club and the Rochester Florists' Association will be held soon. The Rochester florists defeated the Buffalo team in that city February 3, but Buffalo has two legs on a trophy that is being contested and Rochester has only one. The city winning the best three out of five matches would have permanent possession of the trophy.

T.

EASTER BASKETS

Large stock of all the latest styles for both cut flowers and plants.

PLANT BASKETS

Everything you need for all the Easter Plants, such as Lilies, Azaleas, spring stock, etc.

CUT FLOWER BASKETS

Very pretty Sunray Green and Sunray Yellow effect for both cut flowers and plants. The latter is what you want to use with Jonquils, for the combination is a winner and is proving to be a rapid seller. Write for our latest catalog.

Raedlein Basket Co.

713 Milwaukee Ave., Chicago.

TO REACH OUR STORE take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.

16-18-20-22 South Peoria St., CHICAGO

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

Southern Wild Smilax

New Crop now ready for shipment $2.50 per case

Natural and Perpetuated Moss.

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA.

High Grade Floral Publicity

Write today for full particulars and sample

McNeff-Swenson Co.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

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J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

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Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS

Experts to Arrange Them.

150 E. Fourth St.

Chicago. Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

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STORES

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Mention the American Florist when writing

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Flowers for all Occasions.

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NEW YORK CITY.

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Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

.:.:.FLOWERS.:.:.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

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THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

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S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

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St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

FLOWERS delivered promptly in Buffalo, Niagara Falls, East Aurora, Lockport, Tonawanda, Lancaster and other Western New York cities and towns.

Palmer's

304 Main Street
BUFFALO, N. Y.

Members Florists' Telegraph Delivery Association

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

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Atlanta Floral Co.

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Max Schling

NEW YORK
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Members of the Florists' Telegraph Delivery.

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FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

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Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
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Graham A., & Son, Cleveland, O.
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Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Huston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Muir, Craig, New York.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

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WASHINGTON D. C.

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All Orders Given Prompt and Careful Attention

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Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Floral Designs and Choice Cut Flowers

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Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo. Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

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Largest Floral Establishment in America. Established 1874. Incorporated 1909

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CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Washington, D. C.

Blackistone

14th and H. Street.

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100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

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WHOLESALE AND RETAIL.

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Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

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DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Craig Muir.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heini & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

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2139-2141 Broadway, cor. 75th St.

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Phones, 1552-1553 Columbus

Mention the American Florist when writing

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224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

New York.

CRAIG MUIR,

62 WEST 40th STREET.

Will fill your orders for

New York and Vicinity

with promptness and satisfaction.

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Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to

HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Mention the American Florist when writing

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best Dunlop's

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist
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All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

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Rochester Phone 506 Long Dist. Bell Phone 2189
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Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

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PAUL M. PALEZ,
FLORIST,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
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Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders
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DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.
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Member of Florists' Telegraph Delivery.

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THINK OF **HEINL'S**

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MYER, FLORIST, 609-611 Madison Ave
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The Leading Florists
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KANSAS CITY, MISSOURI.
ROCK'S FLOWERS
Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY,
Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.
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GEORGE RYE
"Some Florist"
16 N. 6th St., **Ft. Smith, Ark**
Mention the American Florist when writing.

Houston, Texas.
Robt C. Kerr Floral Co.
Main and McKinney Phone, Preston 1604

DENTON FLORAL CO., S. W. KANADY, Mgr. **DENTON, TEX.**
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1519 Farnam St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

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CANADA'S LEADING FLORISTS
F. T. D. Members 266 Yonge St.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

Trade Directory
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Funeral Emblems Cut Flowers
Brown Bros. & Co., Ltd.
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Bulbs Seeds
48 Hastings St., E.,
Vancouver, B. C.

NASHVILLE, TENN.
JOY FLORAL COMPANY
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PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc
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Orders Carefully Executed
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Sedalia, Missouri
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Choice Cut Flowers and Designs on short notice
Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

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California Florists
will take care of all telegraphic orders.

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HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Delivery.

20% Discount

ON ORDERS FOR

Hardy Perennial Phloxes

The Phloxes here offered are all one year old field-grown plants. It is our custom to pot these into three-inch pots about the middle of March for the Spring trade. To save this extra handling we will allow a special discount of 20 per cent from our regular low prices here quoted, on all orders booked for immediate delivery between February 20 and March 15.

General Collection of Hardy Phlox.

Albion (Medium). One of our own introductions; producing very larg panicles of pure white flowers, with faint analine-red eye.
Antonin Mercie (Medium). Light ground color, upper half of each petal deeply suffused bluish-lilac, large white halo.
Bacchante (Tall). Tyrian rose, with crimson-carmine eye.
Baron von Dedem (Medium). Brilliant cochineal-red with salmon shadings.
B. Comte (Medium). Brilliant French purple, with crimson carmine shadings, 85 cts. per doz.; $6.00 per 100.
Bridesmaid (Tall). White, with large crimson-carmine center.
Champs Elysee (Dwarf). A very bright rosy magenta,
Coquelicot (Dwarf). A fine pure scarlet, with crimson-red eye. 85 cts per doz.; $6.00 per 100.
Danton (Medium). Scarlet, pure red eye.
Diadem (Dwarf). A fine dwarf, pure white.
Eclaireur (Tall). Brilliant rosy magenta, with large lighter halo.
Frau Rosalie Wildt. Soft pleasing mauve-rose with carmine eye.
George A. Strohlein (Medium). Bright scarlet, with crimson-red eye; does not bleach. $1.00 per doz.; $7.00 per 100.
Henry Marcel (Medium). Pure red, with bright salmon shadings.
Henry Murger (Tall). White, crimson-carmine center.
Henry Royer (Medium). Tyrian Rose, with lighter shadings.
H. O. Wijers (Tall). White, with bright crimson-carmine eye.
Jeanne d'Arc (Tall). A good standard late white.
Jules Cambon (Medium). Bright rosy magenta, with large white center and light halo.
La Vague (Medium). Pure mauve, with analine-red eye.
L'Evenement (Dwarf). Orange scarlet overlaid with salmon-pink.
Louise Abbema (Dwarf). Very large dwarf, pure white, fine form.
Manzelbrunner. A very large bright soft pink, with a large white eye.
Mme Paul Dutrie (Tall). A delicate lilac-rose, reminding one of some of the beautiful soft pink Orchids.
Mrs. Jenkins (Tall). The best tall early white for massing.
Obergartner Wittig (Medium). Bright magenta, with crimson-carmine eye; large flower and truss; one of the best.
Pantheon (Tall). Bright carmine rose.
Pierre Bayle. Crimson-carmine, overlaid with orange scarlet.
Professor Virchow (Medium). Bright carmine, overlaid with orange scarlet.
Rosenberg. Bright reddish-violet, with blood-red eye, large truss and individual flowers as large as a silver dollar.
Rynstroom. An improved form of the popular variety Pantheon; fine for massing, of a Paul Neyron Rose color.

Selma (Tall). Large flower, pale rose mauve, with claret-red eye.
Siebold (Tall). Bright vermilion-red overlaid with orange scarlet; crimson red eye. 85 cts. per doz.; $6.00 per 100.
Sunshine (Dwarf). Large, analine-red with crimson-red eye and light halo.
Von Hochberg (Tall). Bright French purple, one of the finest dark colored varieties. $1.00 per doz.; $7.00 per 100.
Von Lassburg (Medium). The purest white in cultivation, individual flowers larger than any other white.

Any of the above varieties except where noted, 75 cts. per doz.; $5.00 per 100; $40.00 per 1000.

Novelties and Recent Introductions.

Europa. A white variety with very decided crimson-carmine eye; the individual flowers as well as the trusses are very large, entirely distinct.
Frau Anton Buchner. The finest white variety yet introduced, having the largest truss and individual flower of dwarf habit.
Gefion. A new color in Phloxes, a tender peach-blossom pink with bright rose eye. $1.50 per doz.; $10.00 per 100.
Rheinlander. A beautiful salmon pink with flowers and trusses of immense size, the color of the flower is intensified by a very decided eye of a deep claret-red. $1.50 per doz.; $10.00 per 100
Riverton Jewel. One of our own introductions which it gives us great pleasure to recommend, a lively shade of mauve-rose illuminated by a carmine-red eye, a splendid improvement on the popular variety Asia. 30 cts. each; $2.50 per doz.; $18.00 per 100.
Thor. A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow and a light almost white halo around its analine-red eye. $2.00 per doz.; $15.00 per 100.
W. C Egan. One of the finest Phloxes yet introduced, and while the individual flowers according to the color-chart are of a delicate lilac color illuminated by a large bright solferino eye the color effect as a whole is a delicate pleasing shade of soft pink. $1.50 per doz.; $10.00 per 100.
Widar. A splendid improvement on Edmond Rostand; in color a light reddish-violet, with very large white center, which intensifies the color.
Tragedie. Deep brilliant carmine with blood-red eye. $1.50 per doz.; $10.00 per 100.
Wanadis. Entirely distinct, a mottling of white and light violet, reminding one of the native Phlox Divaricata Canadensis. The color is intensified by a bright reddish-purple eye, a strong grower producing trusses of immense size. $1.50 per doz.; $10.00 per 100.

Price. Any of the above varieties, except where noted, $1.00 per doz.; $6.00 per 100; $50.00 per 1000.

For full line of seasonable Plants, Bulbs, Seeds, Etc., see our current Wholesale Price List.

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

The above Prices are intended for the trade only.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

IT is said the German government will prohibit the export of seeds of all forage crops.

ROBERT FULTON, representing Henry & Lee, New York, expects to reach Chicago February 23.

VISITED CHICAGO: Hon. James S. Michael and H. A. Johns, of the Sioux City Seed & Nursery Co., Sioux City, Ia.

CARTERS, of London, Eng., now have four branch houses in North America. They offer no packets under 10 cents each.

GRAND RAPIDS, MICH.—The Jones Seed Co., owing to increasing business, has leased a store adjoining its present location.

THERE are 15,000 prisoners, half French, half Russian, in Erfurt. Carl Schmidt, Jr., of Haage & Schmidt, is assisting in guarding them.

SIOUX CITY, IA.—The Sioux City Seed & Nursery Co. reports that the indications in the jobbing trade are for the best business they have had in many years.

CARL CROPP, of Vaughan's Seed Store, says that while shipments of European seeds are coming to hand almost daily, there are still many items which have not arrived.

THE German seed dealers are complaining with some bitterness of the falling off in American trade, a condition which they claim is due to political causes. The real reasons are tardy arrival of German price lists and non-shipment of ordered seeds through fear of non-delivery.

THE government statisticians report that the value of the agricultural products of the United States last year surpassed all previous records, with a total of nearly $10,000,000,000, notwithstanding the heavy reduction in the value of the cotton crop, owing to the decline in European demand as a result of the war.

W. ATLEE BURPEE & Co., Philadelphia, Pa., advise that the mail order business with them in January and the first week in February was ahead of 1913, but slightly behind 1914. The business now is running ahead in number of orders of this time last year and the orders are averaging about the same in size.

CHICAGO.—Prices for grass seed on the Board of Trade February 17 were as follows: Timothy, $5.50 to $7.25 per 100 pounds.—The W. W. Barnard Co. says the seed business has now opened up very satisfactorily, if anything a little ahead of last year. There is no reason why the seed trade should not enjoy a prosperous season this year.—Vaughan's Seed Store reports January business off but that February business has commenced strong and is running quite a good percentage ahead of last year.

AT A. C. Kendel's Seed Store, Cleveland, O., they say, basing their observations on past experience in other years of hard times, that the trade is in line for a good business this year, but that with the price of seeds, notably grass seeds, jumping up and down as it has been, makes the question of profits uncertain.

MINNEAPOLIS, MINN. — Northrup, King & Co. write as follows, February 16: "Some departments of our business are a trifle behind a year ago, but on the whole we are very well satisfied with our volume of trade. During the past few weeks we have had extreme cold weather and a great many severe storms, which have been very detrimental to some departments of our business."

MILWAUKEE, WIS.—Currie Bros. Co. views the outlook optimistically, saying: "So far we are pretty well satisfied with the way business is opening up this spring. Orders are beginning to come in more or less freely, varying a little as the condition of the weather changes. Orders might be a little larger, but on the whole we have no cause to complain at the prospects, and anticipate a good season."

NEW YORK.—S. D. Woodruff & Sons consider the seed business better than last year to date. Orders are coming forward more freely than they were a year ago and are of larger size. They believe that the hard times help the seedsmen because of the large number of unemployed, a large percentage of which will return to the farm and take up the planting of the crops and naturally look to the seedsmen to supply their wants. They firmly believe that the seedsmen are in for a very good year.

Boddington Creditors Meeting.

At a meeting of the larger creditors of A. T. Boddington, 342 West Fourteenth street, New York, held February 11, the consensus of opinion was shown to be unanimously in favor of continuing the business, looking to the best interests of all concerned. Accordingly a creditors' protective committee was appointed, the following gentlemen being elected to serve thereon: C. W. Scott of the Yokohama Nursery Co., Chas. Schwake of Chas. Schwake & Co., Inc., and Remsen S. Mills. This committee will take full control of the business, Mr. Boddington giving his active co-operation. It was demonstrated that a forced sale at this time would leave creditors absolutely without any dividend whatever, whereas under the economies to be put in force by the creditors' protective committee, and with the co-operation of the creditors themselves, there is every possibility of the business being eventually restored to a profitable basis.

Onion Sets.

Chicago seedsmen are trying to figure out a profit in contracting onion sets at present prices. The grower truckers are asking the same money as in former years. The risks of rainy weather in mid-autumn and of mild damp weather in early winter are as serious as ever they were, yet wholesale jobbers are trying, and perhaps succeeding, in buying at lower prices. Shrewd seedsmen say that such prices would only be exchanging one good dollar for another, even if outdoor and indoor conditions at harvest and storage time were good, but with a normal average three to five years in a row, prices are now below the safety line.

Canners' Cancan.

George W. Drake, secretary of the corn section of the American Canners' Association in presenting some statistics at the annual convention, February 8-12, said, "the canner's profit was 8.7 per cent, the jobber's 21.21 per cent and the retailer's 43.71 per cent. He urged corn canners to spend some of the money on advertising, which they now expend on salesmanship. With one half of what we now spend to place our product we could have a yearly advertising fund of $900,000, $450,000 for a home campaign and $450,000 to secure foreign business."

Wm. C. Breed, who welcomed the delegates on behalf of the Merchants' Association of New York, said, "the American public, the armies of Europe, the world at large must have canned food products. More than three billion cans were prepared and packed last year."

RICHMOND, VA.—T. W. Wood & Sons say: "Considering the backward season and general trade conditions our business is satisfactory. Better weather the past week has made considerable increase and it looks now as though business would be fully as good, if not better, than last year."

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Klondyke White Spine Cucumber
grown under irrigation by

Western Seed & Irrigation Co.

Seed Growers and Dealers, Specialties:
Cucumber, Musk and Watermelon,
Pumpkin, Squash, Sweet and Field Corn.

FREMONT, - - NEBRASKA

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting **ONION SETS.**

Schilder Bros., CHILLICOTHE, OHIO.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

TOMATO SEED

Grown For The Wholesale Seed Trade.
Contract orders now being booked for delivery after harvest, 1915.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

FOR EASTER FORCING I OFFER THIS MONTH

SURPLUS OF 300,000 VALLEY PIPS

Florist Money Maker Brand, Best valley at moderate price. $12.50 per 1000; $6.50 per 500; $3.50 per 250; $1.75 per 100. This stock is equally as good as any valley imported and offered at a much higher price. To help out my foreign growers enables me to quote this low price.

Chicago Market Brand, best valley in existence. $15.00 per 1000.

Cold Storage Valley (crop 1913). $18.00 per 1000; $9.50 per 500; $5.00 per 250; $2.00 per 100.

H. N. BRUNS 3032 W. Madison St. CHICAGO, ILLINOIS.

Mention the American Florist when writing

LILIES FOR Decoration Day

PLANT NOW Our especially packed Cold Storage Lilies. Bloom in 11 to 12 weeks after planting.

Lil. Long. Giganteum Size, 7-9: per 100, $ 6.50; case of 300, $16.50. Size, 9-10: per 100, 10.50; case of 200, 20.00.

Cold Storage Valley Extra select, very best..100, $2 00; 1000, $15 00. Hamburg.....100, 1.50; 1000, 12.00.

Florists' List, comprising full lines of **Flower Seeds, Bulbs, Dormant Plants** and **Supplies,** free upon application.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing.

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and German.

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Mention the American Florist when writing

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS GROWERS FOR THE TRADE
Write for Prices

Mention the American Florist when writing

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners.

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.

Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

BRUNNINGS
Leading Suppliers of
EUCALYPTUS
and Acacia Seeds
P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Contract Seed Grower
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower.
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

GARDEN SEED
BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to
S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

L. Giganteums,
8-9 in., 8-10 in., 9-10 in.
Also Bamboo Stakes, green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

New Pacific Beauty

Has the **keeping qualities** and that delightful shade of **rich true lavender** so **desirable** to every florist, which **marks this new Aster** as a novelty of the **greatest merit.**

⅛ oz., $1.00; ¼ oz., $2.00; ½ oz., $4.00; oz., $8.00.

Ask for complete descriptive list of high grade Asters for florists. All seed absolutely fresh 1914 stock of only the best varieties and every ounce we sell is grown in our own fields each year.

HERBERT & FLEISHAUER
Aster Specialists McMinnville, Oregon

Fancy Caladium Bulbs
4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.
Tampa Floral Co., Tampa, Fla.

Henry Fish Seed Co.
Bean Growers for the Wholesale Seed Trade
CARPENTERIA, CALIF.

S. M. Isbell & Co.,
Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.
Mention the American Florist when writing.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

THE J.C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Seedsmen requiring the very best selections of
Garden Seeds
(Vegetable and Flower), especially
Kelway's Celebrated English Strains
can get them at lowest independent wholesale rates by sending their orders direct to
KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.

Growers and Specialists
CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.
Sioux City Seed & Nursery Co.
Established 1883.
Mention the American Florist when writing.

Lily of the Valley Pips
From Cold Storage.
2500 to case.....per 1000, $17.00
New crop, 1000 to case.....per 1000, 16.25

Spiraea
Gladstone, white.....100 to case, $6.00
Peach Blossom, pink.....100 to case, 7.00
ST. LOUIS SEED CO.
411-413 Washington St., St. Louis, Mo.
Mention the American Florist when writing.

Thorburn's Seeds

There is no pleasure like watching things grow.

IF you haven't received your copy of our 1915 Spring Catalogue (with special prices to Florists), drop us a postal and it will be sent you promptly.

To those who grow for profit it is especially interesting and useful.

All its 144 pages are brim full of beautiful pictures, clear description and good practical suggestions.

J. M. Thorburn & Co.

53 Barclay Street, through to 54 Park Place, NEW YORK.

Just to look through its pages will make you long for Spring to come.

DREER'S PEERLESS PINK ASTER

Dreer's Famous American Asters

We offer below a short list of the most important sorts; all of the very highest quality. For complete list, see our Wholesale Catalogue.

Dreer's Superb Late Branching Asters.

The finest Asters for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long strong stems their handsome chrysanthemum-like flowers, which, under ordinary cultivation, averages 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. We offer eight beautiful and distinct colors, viz::

	Tr. pkt.	Oz.
Azure Blue. Rich lavender	$0 25	$1 00
Pure White. Extra fine stock	25	1 00
Shell Pink. An exquisite shade	25	1 00
Rose Pink. A very desirable color	25	1 00
Deep Rose. Rich and brilliant	25	1 00
Deep Purple. Royal deep purple	25	1 00
Lavender. A pale grayish-lavender	25	1 00
Crimson. Very rich	25	1 00
Finest Mixed. All the colors	25	75

Dreer's "Peerless Pink" Aster.

This grand Aster may be briefly described as a glorified late branching shell-pink. The color is similar but more decided than the late branching. The center petals are prettily incurved, while the wide outer petals reflex, making a most artistic and finely finished flower, and stands cut longer than any other. 50c per trade pkt.; $2.50 per oz.

Queen of the Market Asters.

The standard early flowering variety; good flowers on long stems.

	Tr. pkt.	Oz.
White	$0 20	$0 75
Lavender	20	75
Pink	20	75
Bright Rose	20	75
Purple	20	75
Crimson	20	75
Mixed	15	65

King Asters.

The "King" Asters form a distinct class or type. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming very attractive flowers.

	Tr. pkt.	Oz.
Dreer's Crimson King. A brilliant new color in this type, which originated with us. It is the richest and deepest crimson variety known to us	$0 50	$3 00
Pink King. Delicate shell-pink	40	2 00
Rose King. A beautiful brilliant rose	40	2 00
White King. Of purest glistening white	50	3 00

Astermums.

This strain of Giant Comet Asters were first exhibited at the Florists' Convention in 1912, and their immense size and chrysanthemum-like appearance created quite a sensation. They closely resemble Crego's Giant, but come into bloom fully two weeks earlier. We offer three colors:

	Tr. pkt.	Oz.
White Astermum	$0 50	$2 50
Pink "	50	2 50
Lavender "	50	3 00

Crego's Giant Comet Asters.

Magnificent fluffy flowers, with long strong stems, the finest of this type. Comes into bloom in August, continuing well into September, and unlike most of the Comet sorts, stands when cut and is a good flower to ship. We offer five colors, our own saving, of the highest quality.

	Tr. pkt.	Oz.
White. Purest white	$0 30	$1 50
Pink. Delicate shell-pink	30	1 50
Purple. Bright purple	30	1 50
Rose. Rich deep rose	30	1 50
Lavender. A rich deep shade	30	1 50

HENRY A. DREER,

714-716 Chestnut St., Philadelphia, Pa.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

ASHTABULA, O.—A new greenhouse 85x540 feet, an addition to the establishment of the J. H. Rice Co., is nearly completed and will be planted to lettuce.

Prices of Indoor Fruits and Vegetables.

Chicago, February 16.—Mushrooms, 50 cents per pound; lettuce 20 cents per box; radishes, 25 cents to 50 cents per dozen bunches; asparagus, $2.00 per dozen bunches; celery, 12 stalks, 15 cents to 25 cents; cucumbers, $1.25 to $1.75.

New York, February 16.—Cucumbers, $1.50 to $2.00 per dozen; mushrooms, 50 cents to $1.25 per 4-pound basket; tomatoes, 15 cents to 25 cents per pound; radishes, per 100 bunches, $2.00 to $3.00; lettuce, per strap, $1.00 to $2.00.

Triumph of the Italian Tomato.

The tomato was given to the world by America, but Italy is to-day teaching the rest of the world by example how it should be raised and how it should be preserved. Italian canned tomatoes have practically pushed the American produce out of the English market, and have gained an enormous market in the United States. The Italians raise a solid, meaty tomato of fine color, and it is so packed in the cans that the consumer is not obliged to pay for a large percentage of water.

Canned tomatoes, however, are put up principally for the export trade. The Italians themselves prefer their tomatoes in the form of sauce, or paste, which is nothing more nor less than boiled down tomato pulp, minus the skins and seeds, as set forth in an interesting manner in a report by Commercial Agent J. Alexis Shriver entitled, "Canned-Tomato Industry in Italy," recently issued by the Bureau of Foreign and Domestic Commerce. This sauce is put up in cans and is used by the Italians in a great variety of dishes, of which spaghetti is perhaps the most familiar to Americans.

According to fairly accurate statistics the area planted in tomatoes in Italy is about 22,000 acres, producing about 385,000 tons. The exports to the United States amount to about 20,000,000 pounds of canned tomato and tomato sauce, and some 8,000,000 pounds of the product go to South America. The total value of the tomato exports from Italy is well over $6,000,000.

The skins and seeds that were formerly wasted are now utilized, the former as stock feed and the latter as a source of oil. The crude oil is suitable for soap making and for lamps, and the refined oil is said to be edible. Commercial Agent Shriver's report, Special Agents' Series No. 93, may be obtained from the Superintendent of Documents, Government Printing Office, Washington, at five cents a copy.

Toledo.

VALENTINE BUSINESS FINE.

St. Valentine's day business came up to expectations of all concerned; in fact, the best business of several years for that day was experienced. There was plenty of stock on the market and the demand was lively. Violets and sweet peas easily led in favor, while plants sold surprisingly well. Basket effects found a ready sale. Although many florists had extremely handsome windows, no other advertising was done except by a few individual florists. One florist who sent out a handsomely illustrated folder in colors, did a splendid business. Roses are still scarce, while carnations are plentiful and of splendid quality. Sweet peas and violets are high grade and are selling briskly. Bulbous stock is coming on the market in large quantities and is meeting with a ready sale. Jonquils, tulips and hyacinths are being displayed all over town. Easter lilies and callas are scarce.

NOTES.

If it were ever brought about that the wishes of the licensed firemen's union should become operative upon the florist and gardener, namely that all firemen are to have a license, that they must belong to the union, and that three shifts must be provided, this would mean the ruination of many a legitimate business man who is not making an abnormal profit at any time. Yet that is what they are trying to do in this city. The state law says that all boilers registering over 30 pounds of steam pressure must be inspected once a year and must be operated by licensed firemen who are required to take a state examination. In order to convince the state of the injustice of such a regulation, the florists and gardeners invited the state deputy boiler inspector to meet with them in Toledo, which he did. The state deputy listened to the reasoning as above mentioned of the florists and was favorably impressed by the justice of their plea. He promised to take the matter up with the state industrial commission and to notify them of the result.

Mrs. J. B. Freeman had a very effective St. Valentine display window that brought in a lot of business for her. Other fine windows were those of Feniger, on Adams street, Max Spanner, on Summit, and the White-June Company, on Madison street.

Krueger Bros., East Toledo wholesalers and growers, had a splendid stock of sweet peas for St. Valentine's day and cleaned up their stock in a very satisfactory manner. Their Easter bulbous stock is in excellent condition.

Christ Winterich, with his son, both of Defiance, Ohio, were in this city February 12 to attend the Toledo auto show. Mr. Winterich was very optimistic about his stock and his prospects for a good year's business.

George Bayer & Son sold all the violets they could possibly cut on St. Valentine's day. The crop was of a high grade quality.

Barney Karsor reports that business has been picking up of late and that he expects a very satisfactory spring trade. K.

SAN ANTONIO, TEX.—Florists here have not had much heavy business this winter, but trade seems to be better than in coast towns, as the effect of the war does not appear to be felt so much here, although money is tight.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. **American Spawn Co., St. Paul, Minn**

THE FAMOUS

"John Baer" Tomato

which we secured from the introducers last year, we planted, and it proved all and more than they claimed for it. We decided not to sell the fruit, as it looked too valuable to let go that way, so we have a limited amount of seed. One lady canned a few, and when placed on the table on lettuce leaves, the tomato retained its form and made an appetizing sight. Out of bushels none cracked, and all were ripe to the stem, and skin was taken off without cutting or scalding. 25c per pkg. of about 100 seeds, 5 pkgs. for $1.00.

MYERS BROS.,
1016 Green Ave., Altoona, Pa.

ONION SETS

32 pounds to the bushel.

Crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our Onion Sets.

Yellow Danvers Sets

For shipment up to the following dates.

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.55
March 15th	.35	.55	1.65
April 1st	.35	.55	1.75

White Silver Skin Sets

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.55	$1.65
March 15th	.35	.55	1.75
April 1st	.40	.60	1.85

Red Wethersfield Sets

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.55
March 15th	.35	.55	1.65
April 1st	.35	.55	1.75

J. BOLGIANO & SON, BALTIMORE, MD.

Almost 100 Years Established Trade.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., at $1.25 per 100.

Asp. Plumosus and **Sprengeri,** 2¼ in. pots, $2.00 per 100.

Vinca Variegata, 3x3½-in. pots, $5.00 per 100.

Geraniums, S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Pansy Plant, Giant flowering, $2.50 per 1000.

Primula Obconica, $1.00 per 100 to close out.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

King Humbert Cannas

Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5.00 per 100; 4 in. plants, $8 00 per 100.

Satisfactory references or cash.

W. W. COLES, Kokomo, Ind.

Godfrey Aschmann
Importer, Wholesale Grower and Shipper of
POT PLANTS
SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.
1012 W. Ontario St., Philadelphia, Pa.

Oklahoma City.

ST. VALENTINE'S DEMAND HEAVY.

St. Valentine's day had a wonderful effect on business here, valentine parties were numerous and the call for flowers for these occasions, not only in the city proper, but from all over the state, was quite heavy. The stores made special efforts in window displays of things pertinent to this saint's day, and, without a doubt the general good run of business experienced is traceable directly to the florists themselves in creating the demand by judicious advertising. Roses coming in from the north seem to be off in both color and substance; there must have been a lack of sunshine where they were grown. We have sunshine to spare here at this time of the year.

NOTES.

The Stiles Co. are cutting plenty of snapdragons and sweet peas just now, the former mentioned flower being of especially good grade.

Furrow & Company are sending in a regular supply of well-grown bulbous flowers from their Guthrie greenhouses.

Visitors: A. S. Gray, Chickasha, and A. E. Butts, El Reno.

S. S. B.

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white, each, ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c, oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant — Pink, Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink, Lavender and White. Trade pkt. 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers, very popular with florists. Trade pkt. 25c., ¼ oz. 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each, ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis, Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi-Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora, large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1 00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt. $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c Single striped and blotched, ¼ oz 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens, Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz. $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c.

The Storrs & Harrison Co.
Painesville, Ohio.

CONRAD APPEL, Darmstadt, Germany
ESTABLISHED 1789
NATURAL GRASS SEEDS with guaranteed analysis as per Zurich tests and norms.
GRASS SEED MIXTURES for MEADOWS and LAWNS.
Clover, Agricultural and Forest Tree Seeds.
Agents: LOEWITH, LAKSON & CO., 150 NASSAU STREET, NEW YORK.
The present war does in no way prevent the prompt and most careful execution of all orders via neutral ports.

GREAT FALLS, MONT.—J. L. Trump will erect a large greenhouse in the spring.

READING, PA.—The local florists' association is planning for its first annual banquet to be held in March.

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

INDIANAPOLIS, IND.—Sylvester Johnson, pioneer horticulturist and former trustee of Purdue University, died at his home in this city February 4.

Metairie Ridge Nurs. Co. Awarded Damages

A valuation of $300 was placed on the right of way through the Metairie Ridge Nursery Co.'s property, at New Orleans, La., and damages of $450 allowed against the Orleans-Kenner Electric railway, by a jury, February 4, in Judge Fleury's court in Gretna. The nursery company fought the transversing of its property with every legal weapon at hand. An injunction was first sought to prevent the company entering upon its property. This refused, a mandamus was then asked of the supreme court directing Judge Fleury to issue the injunction. This also was refused, and the expropriation proceedings went forward to the award of damages.

Evergreens in America.

In addressing the North Shore Horticultural Society, Lake Forest, Ill., January 15, 1915, A. H. Hill, of Dundee, Ill., made the statement that it is only within comparatively recent years that the American landscape architect, gardener and planter has awakened to the many and varied uses of evergreens, and the important part they must necessarily take in garden making, if permanent and lasting effects are desired. This is a new country (a lusty infant, it is true) growing and learning fast, but in the mad race for money during the last hundred years, in the main, it can be said that but scant interest has been given to permanency. Results are wanted in a day or week, at best a few months. Quick growing, short-lived material has been used with never a thought for the future, but planters are now waking up to the fact that something is lacking; that something which gives solidity, strength and virility so noticeable in European gardens, where the use of evergreens has predominated for centuries.

But we are learning fast. Fifty years ago it could be said that the average ornamental planting on a country estate consisted of 75 per cent deciduous stock and 25 per cent evergreens; whereas, today, in the eastern part of the United States, along the Atlantic coast, the ratio is 65 per cent evergreen stock and 35 per cent deciduous, and this ratio is gradually spreading westward. An example of how this works out with the average American business man is as follows:

A prominent man in one of our large middle west cities, who had spent 45 years of his life in money making, suddenly found himself worth several million dollars. A large income, and a desire to turn his attention to other things besides grinding out money, took him on extended travels through the eastern states and Europe, where he admired the many beautiful estates and examples of landscape gardening, which aroused his enthusiasm for both building and landscape architecture. When he reached home, his cramped, city quarters were so distasteful to him, in contrast to the wonders, beauty and freedom of the homes and gardens he had seen, he decided he must have something of like nature for himself. So he secured the services of the best architect in the country, who gave him a magnificent house complete in every detail, built on a tract of ground some 45 acres in extent, just adjacent to the city. He spent a small fortune on this magnificent structure, and then the day arrived when everything was completed, and behold what did he see—a bare, uninviting prison-like structure, and not until then did he realize that something was lacking. So, discouraged, he wondered what to do, when along came the tree agent, into whose hands he placed the planting of his grounds. So many shrubs for so many dollars.

It is needless to go into details of how this venture turned out, but, suffice it is to say that two or three years later he was still dissatisfied; the plantings consisted of a miscellaneous mass of many varieties, all planted entirely inharmoniously and without regard to proper arrangement. His next experience was with a landscape gardener, who, while very conscientious, was not informed of the value of evergreens in the landscape, and rarely used them, chiefly because most of his clients looked to price rather than results, with a result that almost 98 per cent of his planting stock was planted for summer effects only. This man was still dissatisfied, and not until he had traveled more, and made more extensive and intensive study of the matter, did he realize that the permanent and magnificent all-the-year-round effects of the old world century old gardens were wanted, and learned the value and necessity of evergreens.

In a word, he learned that you plant annuals for a season, shrubs and perennials for a few seasons and evergreens for a lifetime and your posterity.

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	Lb.	10 lbs.		Lb.	10 lbs.
Concolor Fir	$1 00	$ 7.50	Scotch Pine	$2.50	$20 00
Douglas Fir	2.75	25.00	Am. Arbor Vitae	2.75	25 00
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Colo. Blue Spruce	3 75	35.00	Hard Maple	.75	6 50
Silver Cedar	.50	3.50	Wild Black Cherry	.25	1 50
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Ponderosa Pine	1.75	15.00	Syringa Vulgaris	.75	6.50
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BERBERIS THUNBERGII. Transplanted, stocky plants, 9 to 12 inches; 12 to 18 inches.

J. T. LOVETT, Little Silver, N. J.

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Geraniums, 2 and 2¼ in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, etc., $2.50 per 100; $20.00 per 1000.

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Pyramids, 2½-ft	1.50 each
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Standard Shape, 14x14 in	2.50 each
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Singles, in colors, white, scarlet, yellow, pink.
Doz., 40c: 100, $2.50; 1000, $20.00.
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Doubles, white, scarlet. yellow, pink,
Doz., 50c; 100, $3.50; 1000, $30.00.
Doubles, Mixed Colors.
Doz., 50c; 100, $3.00; 1000, $28.00.

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Album, 9-11 inch	$17.50
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Valuable New Roses

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Growers will find all of these valuable additions to the list of standard varieties. They have been tested thoroughly, and have been found to have exceptional value.

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Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei, 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.

Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped $1.50 each.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

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	Per 1000	Per 1000
Mrs. Chas. Russell		$130.00
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Killarney Brilliant	$60.00	$110.00
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Choice Ferns

Assorted Ferns for Dishes—	Doz.	Per 100	Per 1000
A choice assortment, our selection of varieties, 2¼-inch	$0.50	$ 3.00	$25.00
Boston Ferns—	Each	Doz.	Per 100
3-inch pots	$0.15	$ 1.25	$ 8.00
4-inch pots	.25	2.50	20.00
5-inch pots	.40	4.50	35.00
6-inch pots	.75	8.00	60.00
7-inch pots	1.00	10.00	75.00
8-inch pots	1.25	14.00	100.00

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Alice	$12.00	$100.00
Champion	6.00	50.00
Enchantress	3.00	25.00
Glorioza	3.00	25.00
Good Cheer	12.00	100.00
Herald	3.50	30.00
Matchless	6.00	50.00
Pink Sensation	12.00	100.00
Philadelphia	3.00	25.00
Rosette	3.00	25.00
White Enchantress	3.00	25.00
White Wonder	3.00	25.00

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MRS. GEORGE SHAWYER is at present more favorably thought of than ever, and we intend to again plant it heavily this season. As a money getter, our experience has proven its superiority over all sorts, and having grown extensively on own roots and grafts, we have no hesitancy in stating that like Sunburst, it does better on own roots.

We will have a splendid lot of both varieties, (grafts and own root), ready for shipment about the middle of March, together with a choice lot of **Sunburst, Ward, Prince d' Arenberg, White and Pink Killarney,** cutting taken from sand the latter part of December. For prices and further particulars write

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Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.

Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

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Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
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ROOTED ROSE CUTTINGS

Pink Killarney, White Killarney, Richmond	$ 2.00 per 100
	18.00 per 1000

BENCH ROSE PLANTS

American Beauty, Pink Killarney, Richmond	$ 6.00 per 100
	50.00 per 1000

Extra fine stock ready now. Satisfaction Guaranteed.

George Reinberg

162 North Wabash Ave., - - CHICAGO, ILL.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.
Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Bougainvillea Glabra Sanderiana, 4-in. pots well trimmed, $15.00 per 100.
Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Geranium S. A. Nutt, 2¼ in. pot plant, $2.50 per 100, $25.00 per 1000.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Impatiens Sultana, Hybrids in all colors, $4.00 per 100.
Lantanas, distinct varieties, $4.00 per 100.

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MATCHLESS A GREAT SUCCESS

MATCHLESS is the best and most profitable white carnation to grow, having no equal in earliness, vigor of growth and production. It is superior in size, fragrance and keeping qualities and is non-bursting. It is a continuous bloomer and is handled with ease by any grower.

Fine Rooted Cuttings for Immediate Delivery,
$6.00 per 100; $50.00 per 1000; $112.50 per 2500; $200.00 per 5000.
We also offer MRS. C. W. WARD,
$3.00 per 100; $25.00 per 1000.

Cottage Gardens Co., Inc. Queens, New York

Houston, Tex.

The February meeting of the florists' club was well attended and developed much enthusiasm. Discussions of the pretty yards' contest proposition gave occasion for a number of the members to refer to the success of the contest of last year and the large amount of permanent results that came from it. This year the club will pay more attention to assisting contestants by advising them, in matters of flowers, soil, seeds and arrangement of grounds. Rules of the contest will be prepared and published at the time the club is ready to publish a complete list of prizes.

The Houston annual flower show was discussed, and all members seemed to be agreed on the point that more attention will be given to amateur exhibits this year than last year.

T.

Tri-City Florists' Club.

The February meeting of the Tri-City Florists' Club was held at the residence of Henry Pauli, Davenport, Ia., with a good attendance. A. Anderson showed a vase of his new seedling white carnation, No. 100. It is the largest ever seen in this vicinity, with good calyx, and though it was quite double, showed no sign of splitting. President John Staack was chosen as delegate, with L. Stapp alternate, to the convention of the Illinois State Florists' Association at Urbana, March 1-2, with the object of inviting the State Association to meet in Moline, or Rock Island, next year. The next meeting, which will be March 11, with election of officers for the ensuing year, will be held at the residence of L. Stapp, Rock Island, Ill.

W. Goos, Sec'y.

TOLEDO, OHIO.—Mrs. J. P. June has sold her interest in the White-June flower shop, 726 Madison avenue.

JOSEPH HEACOCK COMPANY'S
PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

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RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

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All sold until the latter part of February. March delivery guaranteed to reach any point east of the Mississippi River in good growing condition. **Nutt,** $12.50 per 1000. **Ricard** and **Poitevine,** $15.00 per 1000.

Asparagus Plumosus, fine lot ready now at $2.50 per 100; $25.00 per 1000.

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For the Best New and Standard

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Peacock Dahlia Farms,
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A. N. Pierson, Inc.

Wholesale Florists
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SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

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250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000
White Enchantress	$2.00	$17.50
Pink Enchantress	2.00	17.50
Rose Pink Enchantress.	2.00	17.50
Mrs. Ward (dark pink).	2.00	17.50
White Perfection	$2.00	$17.50
Herald (extra fine red).	3.00	27.50
Josie Merle (fine pink seedling)	3.00	27.50
Philadelphia	4.00	30.00

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

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NEW ROSE BOOK

The Practical Book of

Outdoor Rose Growing For The Home Garden

By George C. Thomas, Jr.

GENERAL SCOPE:

The Propagation of Roses. Location and Preparation. Ordering.
The Best Varieties with their Characteristics. Planting. Pruning.
Some General Information and Hints of Hybridization. Climbers. Cultivation.

Elaborately illustrated with 96 reproductions in full color of leading varieties of roses and a few halftone plates. Handsome cloth binding, in slip case. Price, $4.00, postage or expressage extra.

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Choice Grafted Roses

Fine plants in 2½-inch pots, all selected wood on extra selected English Manetti Roots.

	Per 100	Per 1000
Ophelia, now ready for shipment.	$12.00	$100.00
Rhea Reid	12.00	
Mrs. Russell, ready May 1.	12.00	100.00
Hadley, " "	12.00	100.00
D'Arenberg, ready May 1..	$12.00	$100.00
Bulgarie, ready April 15....	12.00	100.00
Richmond, " "	12.00	100.00
Shawyer, " "	12.00	100.00

Killarney Brilliant, Pink Killarney and White Killarney,
ready April 1, per 100, $10.00.

Our young grafted plants have a national reputation for choice quality, the same customers renewing their orders each year. All plants are shipped from our greenhouses, Hinsdale, Ill.

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High Class **PALMS**
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Spring List **Roses**
Ferns, Plants, Vines, Bulbs, Etc.
THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

Dayton, O.

One of the most elaborate floral and landscape gardening expositions ever given in the Miami valley will be opened in this city, Monday, March 1. The exposition will be participated in by florists and gardeners from all western Ohio, and Manager W. Allen Barber announces that the enterprise has received the indorsement of the local association as well as the commercial organization, and that applications for floor space have already been received. Floor plans will be forwarded to any address upon application.

The exhibits will consist of floral and nursery stock, wedding and funeral decorations, and designs for lawns, parks and highways. The hall will be beautifully decorated with lattice work, miniature gardens, parks and forests, and there will be lectures illustrated with moving pictures and stereopticon views each day.

Many eastern people who are interested in gardens, parks and city plannings are expected to attend the exposition. T.

TAMPA, FLA.—The executive committee of the Florida State Horticultural Society met February 5 and decided that the annual meeting would be held April 13-16, inclusive, in this city.

FALL RIVER, MASS.—Geo. E. Lindeman, formerly with Cobb, Bates & Yerxa Co., has opened a flower store on his own account at 1137 Pleasant street. Previous to coming here Mr. Lindeman was with Chas. Thorley, New York, Fleischman, New York, and the Atlanta Floral Co., Atlanta, Ga.

SEASONABLE STOCK

Large Quantities Ready For Immediate Shipment.

	Doz.	100	1000
Acalypha, Macafeana, 2 in..	$0.50	$3.00	$18.50
Alyssum, Double Giant and Dwarf, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Alternantheras, 2 in., 10 var.	.50	2.00	18.50
Asparagus Sprengeri, 3 in..	.75	4.00	
Begonia Vernon, mixed, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Begonia Gloire de Chatelaine, 2 in.	1.00	4.00	
Chrysanthemums, Hardy Pompon, 100 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Fuchsias, 20 var., 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Geraniums, 50 var., standard sorts, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Hardy English Ivy, 2 in.	.50	2.00	18.50
3 in.	.75	3.00	25.00
Lantanas, 10 var., 2 in.	.40	2.00	18.50
3 in.	.75	3.00	18.50

	Doz.	100	1000
Lemon Verbenas, Aloysia citriodora, 2 in.	$0.40	$2.00	$18.50
3 in.	.75	3.00	25.00
Moonvines, white and blue, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Petunias, double mixed and single mixed, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Petunias, double white, 2 in..	.50	3.00	25.00
3 in.	.75	4.00	
Salvia, Bonfire and Zurich, 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Parlor Ivy (Senecio Scandens) 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Swainsonia, pink and white. 2 in.	.40	2.00	18.50
3 in.	.75	3.00	25.00
Dahlia Roots and Canna Roots.			

Send for our regular wholesale catalogue.

R. VINCENT, Jr. & SONS CO., = White Marsh, Md.

This Ought To Be OF INTEREST To YOU.

That **Local Growers** have placed the **Largest Individual Orders** for my

New Carnation "Alice"

offered to the Trade this season. Some have doubled, and trebled their orders on successive visits. The color is an exquisite shade of clear soft pink, midway between Enchantress and Gloriosa. Habit of plant ideal, strong, very early, and a continuous, and without doubt the most productive commercial variety I have offered to date.

Prices: Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

If you have not seen it, send for descriptive circular, and get your **order in now.** Over 200,000 sold.

PETER FISHER, - Ellis, Mass.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

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SEDALIA, MO.—Thomas Evans has resigned his position as foreman for the Archias Floral company.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

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Money orders payable at Lowdham, Notts.

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Chilwell Nurseries, LOWDHAM, Notts, England

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

AMPELOPSIS.

25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

ARAUCARIAS.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS NANUS. Good strong healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 3-inch, $3.50 per 100; 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, O.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Asparagus plumosus and Sprengeri, 2¼-in. pots, $2 per 100. Joseph H. Cunningham, Delaware, O.

ASPARAGUS PLUMOSUS, 3-in., $6 per 100. SPRENGERI, 3-in., $5 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, $2.50 per 100; $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in. pots, 10-12 leaves, $1 each; variegated, 5-in. pots, 10-12 leaves, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

REMEBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: white, pink, lavender and purple. Price, $5 per oz. Cash with order.
ALBERT A. SAWYER, Forest Park, Ill.

AZALEAS.

Azaleas, all the leading varieties, from 65c to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

CORALLINE LUCERNE, the wonderful new flowering BEGONIA, 2¼-inch pots, dozen, $1; hundred, $8. Our catalog of everything you need mailed on application. Write for it today.
THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

BEGONIA LUMINOSA, fine 4-inch in bloom, 10c; fine 3-inch, bud and bloom, 7c; good 2-inch, $2 per 100; transplanted seedlings, 75c per 100. Cash please. BRILL CELERY GARDENS, Kalamazoo, Mich.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOUGAINVILLEAS.

BOUGAINVILLEA GLABRA Sanderiana—2¼-inch pots, $5 per 100; $45 per 1,000; 3-inch pots, $10 per 100; 4-inch pots, $15 per 100. Our catalog of everything you need mailed on application. Write for it today.
THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

BOXWOOD.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in., $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Begonias, tuberous rooted giant flowering varieties: Singles—white, scarlet, yellow, pink, 40c per doz.; $2.50 per 100; $20 per 1,000; mixed, 35c per doz.; $2 per 100; $18 per 1,000. Doubles—white, scarlet, yellow, pink, 50c per doz.; $3.50 per 100; $30 per 1,000; mixed, 50c per doz.; $3 per 100; $28 per 1,000. Lily bulbs: Album, 9-11-inch, $17.50 per 100; Auratum, 9-11-inch, $10 per 100; Rubrum, 8-9-inch, $6 per 100; 9-11-inch, $9 per 100. Tuberoses: True dwarf Pearl, mammoth, 6-8-inch, $15 per 1,000; first size, 4-6-inch, $8.50 per 1,000; medium, 3-4-inch, $5 per 1,000. Caladium Esculentum, 5-7-inch, $1.75 per 100; $15 per 1,000; 7-9-inch, $3.50 per 100; $30 per 1,000; 9-11-inch, $5.50 per 100; $55 per 1,000. Cold storage Lilies: L. Giganteum, 7-9-inch, 300 to case, $16 per case; 8-10-inch, 225 to case, $16 per case; 9-10-inch, 200 to case, $20 per case. Lil. Rubrum, 8-9-inch, 170 to case, $10 per case; 9-11-inch, 100 to case, $9 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, tuberous rooted begonias, single: in five separate colors, 50c per doz.; $3 per 100; double: Five separate colors, 60c per doz.; $4.50 per 100. Caladium, fancy leaf, $2.25 per doz.; $15 per 100. Gladiolus, America, $1.40 per 100; $12 per 1,000; Augusta, $1.60 per 100; $14 per 1,000; Francis King, $1.60 per 100; $14 per 1,000; Chicago White, $3.50 per 100; $30 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts. $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, cold storage, gianteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, all kinds. Arthur T. Boddington, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

CANNA NOVELTIES, started plants from pots: FIREBIRD, the largest red flowered Canna, 75c each; $8.50 per dozen.
QUEEN HELEN, the giant orchid flower, as free blooming as the truss flowered; golden yellow, red spots, each, $1.75; dozen, $20.
NOVELTIES—Dry roots: Duke of York, $1.25 per doz.; $8 per 100. Hungaria, $1.25 per doz.; $8 per 100. Kate F. Deemer, $1.50 per doz.; $10 per 100. Karl Kirsten, $1 per doz.; $8 per 100. Mrs. Alfred F. Conard, $1 per doz.; $7 per 100; $60 per 1,000. Rosea Gigantea, $1.50 per doz.; $10 per 100. Undine, $1 per doz.; $7 per 100.
STANDARD CANNAS, dry roots, $2.50 per 100; $20 per 1,000: Allemania, Atlanta, Austria, Comte de Bouchard, Egandale, Florence Vaughan, Mme. Crozy, Paul Marquard, Pennsylvania, Richard Wallace, Sec. Chabanne.
STANDARD CANNAS, dry roots, $3 per 100; $25 per 1,000: California, Comte de Sach, Crimson Bedder, David Harum, Dr. Robert Fyncke, Duke of Marlborough, Fredk. Benary, Genl. Merkel, Gladiator, Jean Tissot, King Humbert, Mephisto, Pillar of Fire, Uncle Sam, West Virginia. Our catalog of everything you need mailed on application. Write for it today.
THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, strong tubers, 3 to 5 eyes, as follows: King Humbert, $2.50 per 100; Pennsylvania, Betsy Ross, Louisiana and Florence Vaughan, at $1.50 per 100; $12 per 1,000. Less 10 per cent for cash with order. ELITCH-LONG GREENHOUSES, Denver, Colo.

Cannas, 2,500 Austria, $1 per 100. 300 Morning Star, $1.50 per 100. 500 Red, $1 per 100. 500 Pink Beauty, $1.50 per 100. 400 Venus Pink, $2 per 100. F. WALKER & CO., 312 West Chestnut St., Louisville, Ky.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., $1.25 per 100. Joseph H. Cunningham, Delaware, O.

CANNAS, tubers 3 to 5 eyes, mixed colors, $1 per 100; $5 per 1,000. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

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ROOTED CARNATION CUTTINGS.

We have 200,000 carnation cuttings in the following varieties ready for IMMEDIATE SHIPMENT:

	Per 100	Per 1,000
White Wonder	$3.00	$25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Champion	6.00	50.00
Commodore	2.50	20.00
Beacon	3.00	25.00
For March Delivery.		
Matchless	$6.00	$50.00
Princess Dagmar	6.00	50.00

Write us for prices on large orders.

We guarantee satisfaction.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILLINOIS.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1,000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1,000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.
162 N. Wabash Ave. Chicago.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1,000
Enchantress	$2.50	$20.00
White Enchantress	2.50	20.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

ROOTED CARNATION CUTTINGS, Beacon, White Enchantress, Enchantress, Rose Pink and Herald, $2.50 per 100; $15 per 1,000.

WILLIAM MURPHY,
Wholesale Commission Florist.
329 Main St. Cincinnati, Ohio.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.

READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Philadelphia, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald, $3.50 per 100; $30 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Matchless, rooted cuttings, $6 per 100; $50 per 1,000; $112.50 per 2,500; $200 per 5,000. Cottage Gardens Co., Inc., Queens, New York.

Carnations, White Enchantress, Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, Josie Merle, $3 per 100; $27.50 per 1,000. Philadelphia, $4 per 100; $30 per 1,000. Peter Reinberg, 30 E. Randolph street, Chicago.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnation Belle Washburn, rooted cuttings for Jan. 1, 1916, delivery, $12 per 100; $100 per 1,000. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

ROOTED CHRYSANTHEMUM CUTTINGS.

February and March Delivery.

WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.

Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.

A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, rooted cuttings of 2-in., pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Fine bedding COLEUS, twenty best varieties, 2¼-inch pots, hundred, $2; thousand, $17.50. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Coleus, rooted cuttings, 10 varieties, 70c per 100 postpaid; $5 per 1,000 by express, not prepaid. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

CROTONS.

A fine assortment of CROTONS from 2¼-inch pots, dozen, 75c; hundred, $4. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

CYCLAMEN GIGANTEUM in full bloom. 4-in., red, white red eye, pink, 12c; 4-in., Salmon, 15c; 5-in., mixed colors, 35c. R. J. Southerton, Highland Park, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamen, in bloom, 5-in., 35c; 6-in., 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

DAHLIAS.

DAHLIAS, divided field-roots, choice varieties, 75c per doz.; $6 per 100. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Dahlias, Mrs. J. C. Vaughan, $50 per 100. Great Britain, $30. Hort. Fiet., $25. Chatenay, $50. Leo XIII, $30. Geisha, $12. America, $20. Avalanche, $20. Alice Roosevelt, $10. Dr. Perry, $12. Warnaar & Co., care of J. W. Hampton, Jr., & Co., 17 Battery Place, New York.

Dahlias, whole field clumps, $5 per 100, up. R. Vincent, Jr., & Sons Co., White Marsh, Md.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DRACAENAS.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

ECHEVERIAS.

Echeveria Secunda Glauca, rooted cuttings, large, $2 per 100; small, $1.25 per 100; prepaid. Cash with order. JOS. BANCROFT & SON, Inc., Cedar Falls, Iowa.

FERNS.

G. & R. quality ferns, 2¼-inch pots, ready now. FREE FROM FERN SCALE, which is a terrible handicap to growing fine ferns. We sold over five hundred thousand G. & R. quality ferns last spring. Try us for your next order of ferns.

	Per 100	Per 1000
Amerpohlii (Filigree fern)	$5.50	$50.00
Bostoniensis (Boston fern)	3.50	30.00
Davilloides Furcans (Fishtail fern)	4.50	40.00
Elegantissima (Philadelphia Lace fern)	4.00	35.00
Elegantissima Compacta (Tarrytown fern)	4.50	40.00
Exaltata (original Sword fern)	3.50	30.00
Goodii (Baby's Breath fern)	5.50	50.00
Piersonii (Gold Medal fern)	4.00	35.00
Roosevelt (Roosevelt fern)	4.50	40.00
Scholzelii (Crested fern)	4.50	40.00
Scotti (Newport fern)	5.00	45.00
Splendida (Big 4 fern)	5.50	50.00
Teddy Junior (Teddy, Jr., fern), $1.25 per doz.	8.00	
Todeaoides (London fern)	4.50	40.00
Whitmani (Ostrich Plume fern)	4.00	35.00
Whitmani Compacta (Parlor fern)	4.50	40.00

Dwarf ferns for table dishes, fine assortment, including Holly, Wilsoni, Cretica, Tsusimense, Wimsetti and others, $2 per 100; $17.50 per 1,000.

Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, dish ferns, including aspidium, cyrtomium, falcatum, Pteris Mayi, Wilsoni, etc., $3 per 100; $25 per 1,000. Adiantum Croweanum, 5-in., 20c; Adiantum Glory of Mordrecht, 5-in., 35c; 4-in., 25c. Cibotium Schiedei, 5-in., 75c; 6-in., $1. The Storrs & Harrison Co., Painesville, Ohio.

Boston ferns, 2-in. $3.00 per 100
Boston ferns, 3-in. 6.00 per 100
Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100.

Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.

ERNEST ROBER, WILMETTE, ILL.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

If you have never had our SPRINGFIELDI FERN plants, you are missing a good thing. Guaranteed to live and stand rougher usage than any fern known. Large 4 and 5-inch, $7 per 100; 6 and 7-inch, $10 per 100. A trial will convince you. NEWELL & USTLER, Apopka, Florida.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

BOSTON and HARRISII FERNS, strong, 2½-inch, $3.50 per 100; $30 per 1,000; 2-inch, $3 per 100; $25 per 1,000. BOSTON WHITMANI FERNS, 5, 6 and 7-inch, 25c, 40c and 60c. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns. Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

FUCHSIAS, good assortment, strong rooted cuttings ready now, $1 per 100 cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

G. & R. QUALITY GERANIUMS, 2¼-inch pots ready now, the kind that make you money, no guess work about it. It taxes our capacity to keep up with geranium orders. Now is the time to buy to put up for spring business. Do not neglect this, but order today. In following varieties, $3.50 per 100; $30 per 1,000; DOUBLE—Beaute Pointevine, E. H. Trego, Heteranthe, Jean Viaud, La Favorite, Mme. Barney, Mme. Jaulin, Marquis de Castellane, Mrs. Lawrence, S. A. Nutt, A. Ricard. SINGLE—Claire Fremont, Gen'l. Grant, Mrs. E. G. Hill, Mlle. Anatasie Lacarde, Mme. Mosnay, Tiffin, L'Aube. IVY LEAVED—Caesar Frank, Incomparable, Joan of Arc, Mme. Tribaut, Mrs. Banks, Rycroft's Surprise. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Geraniums, in such varieties as S. A. Nutt, Berthe de Presilly, Col. Thomas, Edmond Blanc, Jean Oberlee, Jules Vasseur, La Favorite, Marquise de Castellane, Mme. Buchner, Mme. Recamier, Onella, etc., $2 per 100; $18.50 per 1,000, from 2-in. pots; $3 per 100; $25 per 1,000, from 3-inch pots. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and four other varieties, 2½-inch pots, $3 per 100; $25 per 1,000. Joseph H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, 2¼-in., $2.50 per 100; $25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Geraniums, Feb. and March delivery. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 2 and 2¼-in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, Buchner, etc., $2.50 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

GLADIOLUS.

GLADIOLI SPECIAL — Fill your empty benches now with gladiolus, G. & R. own home grown. America, Augusta, Mrs. Francis King. The forcing varieties, first size, 1¼ inch up, hundred, 80c; thousand, $7.50. In lots of five thousand, $7 per thousand.
PINK BEAUTY—The early garden variety, in bloom two weeks before the others, first size, 1¼ inch up, thousand, $6. PRINCEPS—Amaryllis flowered gladioli, first size, 1 inch up, hundred, 80c; thousand, $7.50. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Gladiolus, Mrs. Francis King, first size, $10 per 1,000; medium size, $8 per 1,000. Augusta, first size, $12 per 1,000; medium size, $10 per 1,000. America, first size, $12 per 1,000; medium size, $10 per 1,000. Hyde Park, $60 per 1,000. Chicago White, first size, $30 per 1,000; medium size, $25 per 1,000. Princeps, $30 per 1,000. Florists' Mixture, light colors, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HYDRANGEAS.

New FRENCH HYDRANGEAS: Avalanche, Bouquet Rose, E. G. Hill, Gen. de Vibray, La Lorraine, Mousseline, Mlle. Rene Gaillard, Mme. Maurice Hamar, Mme. de Moulliere, Radiant, Souv. de Mme. Chautard, 2¼-inch pots, dozen, 60c; hundred, $4; 3-inch pots, dozen, $1; hundred, $6. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

HYDRANGEA OTAKSA, 3-in. pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IRISES.

IRIS GERMANICA, Natural Divisions.

	Per 100	Per 1,000
Florentine, white	$2.50	$20.00
Honorabilis, yellow and brown	2.00	17.50
Madame Chereau, white & lavender	3.00	25.00
Pallida Dalmatica, light blue	10.00	90.00
Purple Prince, dark blue	2.00	17.50
Queen of May, pink	3.00	25.00

IRIS JAPANESE, natural divisions.
Six leading sorts including white, violet, blue, etc., dozen, 75c; hundred, $6; thousand, $50. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

IVIES.

English ivy from field, 20 to 30 inches, $3; from pots, 30 to 40 inches, $5 per 100. CHAS. FROST, Kenilworth, N. J.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LEMONS.

PONDEROSA LEMON—2¼-inch pots, dozen, 75c; hundred, $5; thousand, $45. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley pips, per 1,000 from $12 to $16. Chas. Schwake & Co., Inc., 90-92 W. Broadway, New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

For Easter forcing I offer this month's surplus of 300,000 Valley pips. Florists Money Maker Brand, best Valley at moderate price, $12.50 per 1,000; $6.50 per 500; $3.50 per 250; $1.75 per 100. This stock is equally as good as any Valley imported and offered at a much higher price. To help out my foreign growers enables me to quote this low price. Chicago Market Brand, best Valley in existence, $15 per 1,000. Cold storage Valley (crop 1913), $18 per 1,000; $9.50 per 500; $5 per 250; $2 per 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, cold storage, extra select, very best, $2 per 100; $15 per 1,000; Hamburg, $1.50 per 100; $12 per 1,000. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Lily of the valley pips, from cold storage, 2,500 to case, $17 per 1,000. New crop, 1,000 to case, $16.25 per 1,000. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MANETTI.

Manetti, on hand. Best English stocks, grafting size, 3-5 m/m, not "as they run", but RE-GRADED HERE, culls thrown out; shrinkage eliminated; all good, at $9.50 the thousand, while they last. JACKSON & PERKINS CO., Newark, New York.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST., CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Tree seeds, fir, hemlock, spruce, cedar, pine, arbor-vitae, larch, oak, maple, cherry, catalpa, syringa, rhus, cornus. For varieties and prices see advertisement elsewhere in this issue. The D. Hill Company, Box 404, Dundee, Ill.

E. TURBAT & CO., Nurserymen, ORLEANS, France, grow all outdoor Nurseries stocks; FRUIT, Ornamental and Forest. Wholesale list on demand.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ONION SETS.

ONION SETS—32 pounds to the bushel, crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our onion sets.

YELLOW DANVER SETS.
For shipment up to the following dates:

	Price ½ Pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.55
March 15th	.35	.55	1.65
April 1st	.35	.55	1.75
WHITE SILVER SKIN SETS.			
March 1st	.30	.55	1.65
March 15th	.35	.55	1.75
April 1st	.40	.60	1.85
RED WETHERSFIELD SETS.			
March 1st	.30	.50	1.55
March 15th	.35	.55	1.65
April 1st	.35	.55	1.75

J. BOLGIANO & SON.
Almost 100 years' established trade.
BALTIMORE, MD.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. Julius Roehrs Co., Rutherford, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	.... 3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00
9-inch tubs,	6 to 7,	58 to 64....	7.50

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
6-inch pots,	5 to 6,	34 to 36....	1.50
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	...$1.50
7-inch pots, 3 plants in a pot,	36 to 38...	2.50
7-inch tubs, 4 plants in a tub,	38 to 40...	3.00
8-inch tubs, 4 plants in a tub,	38 to 44...	3.50
8-inch tubs, 3 plants in a tub,	48 to 54...	5.00
8-inch tubs, 4 plants in a tub,	52 to 56...	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

KENTIA BELMOREANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	24	...$1.25
7-inch pots, 3 plants in a pot,	38 to 40...	3.50

Specimens very heavy, $10 to $12.

ARECA LUTESCENS.

6-inch pots, 3 plants in pot..............$1.00
7-inch pots, 3 plants in pot.............. 1.50

PHOENIX ROEBELENII.

7-inch, 22 inches high, 30 to 32.......... 2.00
7-inch, 26 inches high, 34 to 36.......... 2.50
8-inch tubs, fine specimens............... 3.50

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

125,000 PANSIES, Romer's Prize Winners (Germany). A grand collection, extra strong plants; worth more money, 50c per 100; $3.50 per 1,000, prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

Pansy plants, giant flowering, $2.50 per 1,000. Joseph H. Cunningham, Delaware, O.

PEONIES.

We are headquarters for PEONY ROOTS, thirty-five acres planted, a fine lot in cold storage for late buyers. Write for list and prices. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

PEPPERS.

CHRISTMAS PEPPERS, strong 4-inch bushy plants, full of berries, $10 per 100. A. T. Hey Floral Co., Maywood, Ill.

PETUNIAS.

Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

PETUNIAS, splendid mixture of double fringed, 2-inch, $2 per 100. R. C., $1 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Petunias, dbl., mixed colors, 2-inch, $2 per 100; 3-inch, $3. R. Vincent, Jr., & Sons Co., White Marsh, Md.

PHLOXES.

HARDY PHLOX in best varieties, field-grown, dozen, 50c; hundred, $3.50; thousand, $30. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Hardy perennial phloxes. For varieties and prices, see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

POINSETTIAS.

POINSETTIAS, 2½-in., $5 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIMULAS.

PRIMULA MALACOIDES, 2½-in., $3 per 100; 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Primula obconica, $1 per 100 to close out. Joseph H. Cunningham, Delaware, O.

PRIVET.

Privet, California, 2-year, 2 to 3 ft., 3 to 4 ft.; 3-year, 3 to 4 ft., 4 to 5 ft. Amoor River, 1-year, 12 to 18 inches, 2-year, 1½ to 2 ft., 2 to 3 ft. Berberis Thumbergii, transplanted, 9 to 12 inches and 12 to 18 inches. J. T. Lovett, Little Silver, N. J.

200,000 California, Ibata and Variegated Privet, all sizes. 100,000 Berberis Thunbergus, 1, 2 and 3-year and all other shrubs and vines. Get list now ready. Benj. Connell, Florist, Merchantville, N. J.

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California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer.......	$30.00	$250.00
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Prince d'Arenberg	12.00	100.00
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Madam E. Herriot.............	12.00	100.00
Irish Fire Flame..............	12.00	100.00
Mrs. Chas. Russell............	12.00	100.00
Sunburst	10.00	80.00
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THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Roses, Ophelia, Mrs. Geo. Shawyer, Sunburst, Ward, Prince d'Arenberg, White and Pink Killarney. Write for prices and further particulars. F. J. Benthey, 165 Wabash Ave., Chicago.

ROOTED ROSE CUTTINGS, Pink Killarney, White Killarney, Richmond, $2 per 100; $18 per 1,000. Bench rose plants, American Beauty, Pink Killarney, Richmond, $6 per 100; $50 per 1,000. Extra fine stock. Ready now. Satisfaction guaranteed. GEORGE REINBERG, 162 N. Wabash Ave., Chicago.

Roses, grafted 2½-inch, Ophelia, Rhea Reid, Mrs. Russell, Hadley, D'Arenberg, Bulgaria, Richmond, Shawyer, $12 per 100; $100 per 1,000. Killarney Brilliant, Pink Killarney and White Killarney, $10 per 100. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

Rose Mrs. Charles Russell, grafted and own root. We also offer Milady, Shawyer, Ward, Taft, d'Arenberg, Richmond, Hadley, the Killarneys. Write for prices. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Roses, 2¼-inch pots. Ophelia, $15 per 100; $120 per 1,000. Francis Scott Key, $15 per 100; $120 per 1,000. Prince E. C. d'Arenberg, $12 per 100; $90 per 1,000. F. R. Pierson, Tarrytown, New York.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill,

E. TURBAT & CO., Orleans, France. Enormous stock of Rose Trees, old and new varieties. Wholesale list on demand.

Roses, all the leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Rose Hoosier Beauty. Own root, $30 per 100; $250 per 1,000. Grafts, $35 per 100; $300 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

ROSES. My Maryland and Pink Killarney, 3-in., $5 per 100. Kaiserin, 4-in., $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

Roses. W. & T. Smith Co., Geneva, N. Y.

SEEDS.

Seeds, Pansy: Vaughan's International mixture, $10 per oz.; $2.50 per ¼ oz.; $1.50 per ⅛ oz.; trade packet, 50c. Giant mixture, $4 per oz.; $1 per ¼ oz.; 60c per ⅛ oz.; trade packet, 25c. Early flowering giant pansies, white, yellow, light blue, dark blue, mixed, trade packet 500 seeds, 65c; ⅛ oz., $2.50. Asparagus Plumosus, per 100 seeds, 50c; 250 seeds, $1; 1,000 seeds, $3.50; 5,000 seeds, to 10,000, $3.25 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, Ageratum, Alyssum, Antirrhinum, Asparagus, Asters, Begonias, Candytuft, Celosia, Centaureas, Cinerarias, Cobæa Scandens, Coleus, Dracaenas, Grevillia, Ipomoeas, Lobelias, Mignonette, Petunia, Salvia, Smilax, Stocks, Verbenas. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

Seeds, novelties in flower and vegetables. Carter's Tested Seeds, Inc., 125 Chamber of Commerce Bldg., Boston, Mass., or 133 King St., E. Toronto. Branch of Jas. Carter & Co., Raynes Park, England.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, Dreer's famous American Asters. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

Fine strain Salvia Bonfire, 1914 tested seeds, 25c per 1,000. M. M. MICHAEL, Dansville, New York.

Seeds, new Pacific Beauty Aster, ⅛ oz., $1; ¼ oz., $2; ½ oz., $4; oz., $8. Herbert & Fleishauer, McMinnville, Oregon.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, novelties in flowers and vegetables. Carter's Tested Seeds, Inc., 125 Chamber of Commerce Bldg., Boston, Mass.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seed, pansy, giant flowering, $4 per oz. Jos. H. Cunningham, Delaware, O.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

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Shamrock plants for St. Patrick's day, 1-inch and 2-inch, $3 per 100; $25 per 1,000. Feb. and March delivery. Poehlmann Bros Co., Morton Grove, Ill.

SMILAX.

Smilax, 2½-inch, $1.25 per 100; $10 per 1,000. J. C. Schmidt, Bristol, Pa.

SPIREAS.

Spireas, Gladstone, 100 to case, $6. Peach Blossom, 100 to case, $7. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage. Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

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Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

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Vinca Variegata, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Vinca Var., 3x3½ pots, $5 per 100. Joseph H. Cunningham, Delaware, O.

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VIOLETS, Princess of Wales, field-grown, strong, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

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The Kroeschell greenhouse boiler, best of all for hot water heating. Kroeschell Bros. Co., 452 W. Erie St., Chicago.

"Has Them All Beat" for greenhouse heating. Superior Machine and Boiler Works, 846 W. Superior St., Chicago.

Boilers, Giblin standard greenhouse. Giblin & Co., 901 Broad St., Utica, N. Y.

Boiler tubes, 4-inch, 6¾ cents per foot. New and S. H. pipe, all sizes. Illinois Pipe & Mfg. Co., 2117 S. Jefferson St., Chicago.

Boilers, pipe, boiler tubes, valves, fittings, etc. Chicago House Wrecking Co., 35th and Iron Sts., Chicago.

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SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.

MICHIGAN CUT-FLOWER EXCHANGE,
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Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

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Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass. Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

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TRY US on Gold Fish, Aquariums and Globes. The J. N. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

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Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Liquid—NICO-FUME—Paper, for thrips, aphis, Spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago. Milwaukee. New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

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Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

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Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

Paint without oil. Trial package mailed to everyone who writes. A. L. Rice, 271 North St., Adams, N. Y.

McCray Refrigerators keep flowers fresh and salable. McCray Refrigerator Co., 670 Lake St., Kendallville, Ind.

Dreer's Peerless Glazing points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

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Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Pexto Pruning Shears. Write for booklet. The Peck, Stow & Wilcox Co., Southington, Conn., and Cleveland, Ohio.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Little Wonder Rose Nozzle, 35c each. Garland Mfg. Co., Des Plaines, Ill.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Florists' Wire Work at lowest prices. Komada Bros., 1008 Vine St., Philadelphia, Pa.

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The American : : Florist Company's

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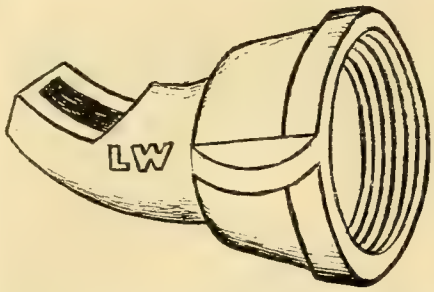
American Florist Co.

440 S. Dearborn St.

CHICAGO



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35 Cents Each.

Every rose grower should have one. Send for one or more today. This is without doubt the best and most simple **Rose Nozzle** ever introduced. Satisfaction guaranteed.

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Manufacturers of the Celebrated Garland Cast Iron Greenhouse Gutters.

Boilers OF HIGH GRADE.....

For GREENHOUSES

See Our Catalogue.

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Write to Dept. C3 for Catalog.

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518 Milwaukee Ave., - Chicago, Ill

Mention the American Florist when writing.

Milwaukee Florists' Club.

With new headquarters, a new, live president, Wm. R. Schroeder, and an apparently new spirit, the Milwaukee Florists' Club held its meeting, February 4, with a good attendance. The annual dinner, previous to the meeting, was enjoyed by all, thanks to the entertainment committee, consisting of Walter Halliday, chairman; Nic Zweifel and A. Hare. The greater part of the meeting was taken up with the discussion of St. Valentine's day advertising in the daily newspapers. The press committee, consisting of Arthur Leidiger, chairman; Richard Leitz, and the club's secretary, appointed at the January meeting, reported that all those approached took kindly to the idea and promised their financial support. The club also voted an amount to be turned over to the press committee, and thought it advisable to have the club's name appear in the ad. in some form. Should this first venture be a success, advertising of this kind will be run oftener and on a larger scale.

While the Wisconsin state board of agriculture does not give the floricultural end of the Wisconsin state fair as much consideration as received in other states, President Schroeder reappointed the committee of 1914, namely H. V. Hunkel, C. C. Pollworth and James Livingstone, and we look to them for improvements in the premium list, and a more conspicuous place, where the professional florists can exhibit their displays.

There was considerable talk on the subject of flower shows, but from present indications none will be held in this city in the near future.

EUGENE OESTREICHER, Sec'y.

LAKE FOREST, ILL.—H. G. Street, superintendent of the Illinois Experiment Station, Hebron, will deliver an address on "Fruit Culture, What Variety to Plant, When and How to Spray and Prune," before the North Shore Horticultural Society February 19.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

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By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

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"ALL-HEART" CYPRESS
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10,000 $1.75; 50,000 $7.50. Manufactured by

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Ballhead Glass Cutter, you can cut any kind of glass for your greenhouse. Its just one of 40 "Red Devil" glass cutters we make and good hardware dealers sell. If you are not using "Red Devil" glass cutters in your greenhouse, you want to begin **Now.** Send us Five 2c stamps for One only sample. A sample will demonstrate glass cutting facts.

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Everything for the Greenhouse

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We get most of our business through recommendations from thoroughly satisfied customers—we thrive on repeat orders.

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Save 10% to 20% on Greenhouses

Let us send a capable representative to see you without cost to you. We do this because of the implicit confidence in our material and service.

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I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

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It isn't just one instance—but hundreds of times—wherever installations are made, in fact—that the Morehead System "makes good" in the greenhouse. There is nothing to equal the time, fuel and labor saving qualities of the Morehead. It drains your steam apparatus perfectly and maintains that even temperature so necessary to good flower growing.

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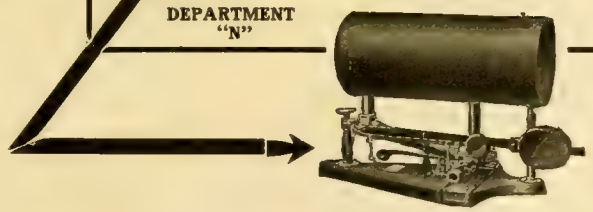

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Lot No.

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XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft..... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas..... 27.00
XJ-45—Standard Hot Bed Sash, 1⅜-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each..... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll.....$1.90 to 1.13
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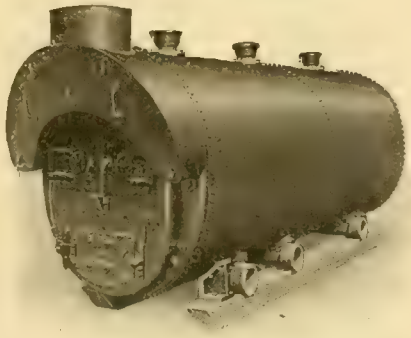

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1000 Ready Packed Crates
Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000	1¾-in.,	crate,	$6.00	456	4½-in.,	crate,	$5.24
1500	2	"	4.88	320	5	"	4.51
1500	2¼	"	5.25	210	5½	"	3.78
1500	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
800	3½	"	5.80	60	8	"	3.00
500	4	"	4.50				

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif. August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

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Annual convention and exhibition at Cleveland, O., November 10-14, 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

STIMULANT TO EASTER BUYING.

Economy in Early Sales.

"There is not much in common between shoes and flowers, but I got the germ of a good advertising idea from one of these make-your-feet-glad fellows."

This observation was from our neighborhood florist. I sometimes dropped in on him at his modern plant of an evening to feast two of my senses, after having satisfied a grosser one at my own dinner table.

"It was simple enough, and I don't see why I never thought of it myself, in the first place," he continued, when pressed for an explanation. "One day I got a circular letter from him with my name at the top in typewriting. It stated that he was going to have a clearance sale, and enumerated a few of the price reductions he was making."

Here my friend stopped and gave deliberate attention, in the lighting, to a cigar I had handed him when I first came in.

"There is nothing original in a cheap sale," I protested. "To make use of what is said to be the shortest rhyme in the English language, we may conclude that 'Adam had 'em,' granting the theory that he engaged in some standard mercantile pursuit after leaving the Garden. The kind of advertising you describe is commonplace. Anyway, Peters, you must not try to make me believe that florists—who are not merchants in the accepted sense—ever have bargain occasions."

"I was listening for you to say something like that. Have you got another match? Curb your arbitrary instincts till I finish my story."

It will be seen that Peters and I were pretty good friends, when we could talk to each other in such fashion.

"What I was going to tell you," he resumed, "was that the letter stated that for three days prior to the sale being opened to the general public through newspaper announcement, the shoe man was going to give his regular customers the benefit of choice of stock. Would I not come in at my earliest convenience and pick out my shoes while the picking was good, or words to that effect.

"Now, that struck me as being clever," continued the florist. "I don't know whether it was his idea or not, but it was new to me. You see, from the customers' standpoint, it was courteous and appreciative. From the dealer's standpoint, it jollied the customer, was pointedly suggestive in making him think of shoe buying, and was aimed to bring the cream of the sale's trade into the store when stock and service were at their best. I had never bought but one pair of shoes of the man. I suppose he had a record of my name through the delivery. My wife went down and made a purchase. She said the store was having a good trade.

"Well, it occurred to me that I could use that idea, with some variations. Next Easter time I made a list of all the live names that were on my books and sent them a circular letter. I called their attention to the great demand we always had for Easter flowers, and to the fact that people were often disappointed in getting just what they wanted because of their delay. It was my desire, I stated to take special care of regular customers. Up to a certain date I could insure their satisfaction in the matter, and would be pleased to have them call or telephone their orders previous to the time mentioned. I indulged in some nice description about features of stock.

"The result was beyond all expectations. Business began to get lively right away. Over and over again I was thanked for my thoughtfulness and partiality for my regular patrons. I sold more flowers than ever before and the average size of the orders was better. The increase in Easter business was at least twenty per cent. Another thing, the trade was handled with less confusion and expense. Early buying is usually good buying, and it gives a chance to gauge my orders with the growers. I am sure many people bought flowers that would have forgotten or neglected it altogether but for my suggestion.

"This happened two years ago. I have tried the plan out two Easters and one Christmas season with increasing good results. I consider it now a regular part of the business. Maybe the idea isn't new to florists in other towns, but so far as I know I am the only one here that makes use of it. I am glad the shoe man didn't have it patented."

C. C. J.

Our Gerardias.

Among the most regal of our summer wildflowers are the false foxgloves of the genus gerardia. Belonging, as do the true foxgloves to the figwort family (scrophulariaceæ), they are all considered to be clandestine or root parasites, says Dr. W. W. Bailey in the American Botanist. This fact is diagnosed by their habit of blackening in the process of drying. Even the most rapid operators often fail to procure good specimens. With us in New England, the plants are about equally divided by color into two groups. In the one wherein the flowers are yellow, the plants are large and stately, with bell-like corollas an inch or more in length. The species most familiar to us is G. pedicularia, which is viscid and glandular with deeply cut leaves and corollas thin and delicate in texture. It is generally from one to two feet high and when found is often abundant. In this species the corollas are almost always pierced by bees near the base. They probably find the hairy stamens an impediment. Gerardia flava grows much more scattered and in the deep woods rather than, as is the case with the preceding, on the borders. It is a showy plant to meet with in a lonely wood path and can usually be taken home in good condition, while the blossoms of pedicularia fall too easily. Another tall species formerly known as the oak-leaved (quercifolia) is now known as Gerardia virginica. In most respects it is much like the last except for its often deeply parted, or even twice parted leaves. It extends from Maine to Minnesota and southward. In the other group of gerardias, the plants are all low, some of them even dwarf and the flowers of varying shades of rose-purple. These usually grow in low sandy soil and are best known through the common purple gerardia, found everywhere. One who gathers it for the first time expects to reach home with a pretty bouquet but finds his flowers soon fall. A kindred species, G. tenuifolia, very like in appearance but with lighter colored flowers, supported on thread-like stems, grows in dry copses and along woody pathways. Then, lastly, in salt marshes one finds G. maritima, also purple and with thick, fleshy leaves, the sign of a halophyte. Truly is gerardia an interesting genus, and well would it repay cultivation did not its parasitic habit render that nearly impossible. To grow both plant and host together has hitherto nearly defied accomplishment. It may be, however, that with increased knowledge, these mysteries of growth may be solved.

SALEM, O.—James McNeelan has been appointed receiver for the greenhouses of Joseph E. Bonsall.

ONTARIO, CALIF.—Students of the Chaffey high school are assisting in the construction of a new greenhouse north of the Science building.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Vacant Chair.

This is a conventional design generally ordered by members of a society who have lost their president. The illustration shows the design to have been quite lavishly filled with an assortment of flowers. A more compact form of arrangement following the lines of the article to be represented is perhaps desirable. There is no question, however, as to what is intended and the piece is composed of well selected flowers and withall is well balanced. K.

Quickening a Dull Time.

When the weather is fine it appears to add energy, to buoy up, to put new life and animation into each individual. The step is springy and more lively, it seems a pleasure to do things and everybody comments on the fine day and there is general enthusiasm. It is so different when it is wet and disagreeable, the buoyant spirit goes down, and things appear to drag instead of galloping along as before. It is the same with business; when everybody is hustling and order files are full and fat, there is enthusiasm galore and the day passes quickly; but, like rainy days, dull times will creep in and one wonders where all the people have gone to. There are men who are only busy when there are orders to be filled; when the file is cleared they stand around and complain and wait for something to turn up. This is not the case in the well managed store. Keeping everybody busy is one of the secrets of success—how to do it is the result of experience and intuition on the part of the managing head. Most men would rather be busy than idle, but the great majority do not see the work and it must be pointed out to them. In nearly every large business establishment there are monthly, or perhaps oftener, meetings of the heads of departments, who discuss what is best to be done in this or that emergency, and plan for extensions and a larger volume of business.

The ordinary flower shop with a routine that is carried on from day to day, filling the orders as they come and nothing more, is not likely to forge ahead. What is needed here are features; something a little above the ordinary, displays that will attract attention and hold it. Like the Scotchman's "I'll hit you and there it is." there must be a punch to it, which lands before they know it, and a favorable impression is made that counts in money at once or in the near future.

Dull days should put the manager on his mettle and his time should be divided between keeping the hands busy and bidding for new business. When a feature has been determined upon, his trade should know of it at once. Keeping one's patrons posted

GUDE'S FLOWERS

Will Be Appreciated

Place an order with Gude and you can rest assured that the recipient will be delighted. Here's the reason: The order will be filled with choice home-grown flowers, artistically arranged in a neat box, and promptly delivered at any time you wish.

You'll be pleased with the prices, too. Just as a trial, let us fill your next order, and see if you don't get better satisfaction. Especial care given to telephone orders.

Our floral tokens are most impressive. Prices always reasonable.

Gude Bros. Co.,
1214 F Street
Phones Main 4277-4278-4279

AN ADVERTISEMENT THAT COMMANDS ATTENTION.

and familiar with your stock as the seasons change is splendid business. This is also appreciated by customers and suggests opportunities when flowers, from your stock, are just the right thing. Talk about the table fernery, boost it and tell of your stock of the hardy, healthy plants of the right varieties that are sure to keep in the house. Get the fern pans and dishes together, fill some of them, display them to look their best and watch the result. Have a nice showing of azaleas; when the card goes out some will call to see them and possibly purchase. Follow this with a daffodil display; bring out the flower holders and shallow dishes and the tumbler baskets filled daintily and ribboned. They appeal to those of moderate means, the people that Lincoln said "God must love, because he made so many of them."

When roses are plentiful there is a great message to send out, as everybody loves the rose. They can be arranged in the shallow bowls and the small baskets more effectively than almost any other flower. Feature plants of Primula malacoides, the most dainty and profusely flowered of the family; they work up into beautiful baskets and hampers. The miniature colonial bouquets with their Frenchy paper adornments, cost little but the time it takes to make them up, yet they are very attractive and valuable as a feature. A display of corsage bouquets illustrating the various styles in which the flowers most favored for this class of work may be combined, together with suitable ribbons and pins, is sure to attract attention and bring business.

Specimens of decorative work are always much admired, such as flowers for a wedding, the kneeling stool, shepherds' crooks with flowers and ribbons, some bouquets and baskets for the flower girls make a pretty picture and one that may be productive of much business. Luncheon and dinner tables, with the silver and china in place, and harmonious color effects, worked out in the artist's best style with the flowers of the season, should be one of the best features.

The above are but a few of the many plants and flowers that may be brought into the spotlight and made to enliven and encourage business during the dull spells. These and similar features are sure to give the store a bright, progressive look, which is a great factor in creating new business.

K.

VACANT CHAIR.

Bedding Plants.

PREPARATIONS FOR SPRING.

To be sure of having first-class stock of the various kinds of bedding plants they must be given close attention from this time on until the indoor season closes and they are planted outdoors. The stock plants that are depended upon to produce cuttings should be cleaned up and given a place where they will get plenty of light and receive daily attention to their needs as regards watering, airing, etc.

After seeing that everything is done to induce the stock plants to produce cuttings, the propagating houses should be put in readiness to receive them, as all the available space will have to be utilized to the limit to be able to work up a sufficient number of plants that will be just right at the time needed. Nearly all the plants used for bedding purposes are fast growers, and require to be worked quickly and on time to safeguard them against getting hard or developing into spindly, drawn out plants. Ample room and plenty of fresh air are both essential to the successful culture of these plants, and it is a fight from start to finish to prevent the many kinds of insects getting the upper hand and checking the plant's growth.

Geraniums, as one of the leading bedding plants, should receive first attention, the plants propagated last fall and carried over winter in 2¼-inch pots, should now be well established in 3-inch pots. If this is not so, they should be potted into 3-inch without any further delay, which will give them time to be ready for shifting into 4-inch before the end of March. It will take these plants all of the time from March until the middle of May to get well established and nicely in bloom. Geranium plants without a bloom and bud on them are very slow sellers, but nice dwarf plants, well in bud and bloom, move quickly. Most customers like to select their own bedding plants, personally spending a lot of time doing the selecting, and if there is not a big lot of well flowered plants to pick from, they go away dissatisfied and will buy somewhere else, or many times not at all. Geraniums should not be given a high temperature. The best plants are produced when they are grown cool and the soil at the roots held a little on the dry side rather than overwet. The popular standard varieties may be counted on the fingers of one hand. White, salmon pink, rose pink, dark red and scarlet are the colors most called for, and the semi-double varieties are now planted almost entirely. There are very many beautiful colors and large size flowers among the newer single varieties, and they are grand while growing under glass, but it is a poor business policy to plant them outdoors because the flowers do not stand the wind and many of the varieties do not grow well in our hot climate. When the plants are in good growing condition, and are large enough to permit it, the tops can be taken off for cuttings for a while yet, but do not carry this to the extreme by chopping the plants all to pieces; also do not do any topping after March 20, or the plants will be very late in blooming.

Cuttings of heliotropes, fuchsias, petunias, impatiens and all other soft-wooded plants of this character should be propagated right along now. Salvia, Mme. Salleroi, dwarf ageratum, sweet alyssum and double lobelia should also receive attention.

It is a little early yet to start putting out the alternantheras into the hotbeds, but if the required numbers are not accounted for, now is the time to run in some cuttings—these will be ready for potting just about the time of starting up the hotbeds. Commence propagating and working along the coleus and achyranthes; these are more tender than most of the bedding plants and require greater heat. It is also now time to overhaul and rebox the echeverias. It is generally a problem to find room for large quantities of stock in flats, but these plants must receive attention, even if it becomes necessary to build shelves to hold them. Echeverias must be grown near the light, so that there is not any danger of them becoming drawn; to leave them standing around in dark, shady places will quickly ruin them.

January-sown pansy plants will now be ready for transplanting. Give them a light, live soil to encourage quick growth, so that they will be in shape for planting out in the cold frames as soon as the weather becomes favorable.

The vines for vases and window-boxes should also come in for attention at this time. If the vincas have become potbound and the soil at the roots worn out, give them a shift, either into the same size pot, or a little larger, but it should be borne in mind that the larger pot gives the plants so much heavier clumps of roots, making the work of filling cases or boxes a very much more difficult job. Besides the vinca, the English ivy is being used more extensively every year. They are slower growers than the vincas and should have a place where the vines can hang down for their proper development.

Seeds of single lobelia, bellis, snapdragon, verbena and other annuals should be sown now. Use a very light soil, to which is added a liberal amount of sharp sand. As quickly as the seedlings are large enough to handle do not delay the transplanting.

C. W. JOHNSON.

Massachusetts Agricultural College.

The department of floriculture announces a series of special lectures, March 16-17, in connection with farmers' week. The program will be as follows:

Tuesday, March 16.

1:30 p. m. Selection and Care of House Plants, F. E. Palmer, Brookline, Mass.

2:30 p. m. Garden Planning. P. H. Elwood, Jr., M. A. C.

3:30 p. m. The Use of Annuals in the Garden, E. J. Canning, Northampton, Mass.

Wednesday, March 17.

9:10 a. m. Trees and Shrubs for the Home Grounds, A. K. Harrison, M. A. C.

10:10 a. m. Diseases of Floricultural Plants, A. J. Anderson, M. A. C.

11:10 a. m. The Culture of Herbaceous Perennials, Maurice Fuld, New York.

1:30 p. m. Outdoor Rose Culture, Eber Holmes, Montrose, Mass.

2:30 p. m. The Forcing of Plants, Ernest Downer, Northampton, Mass.

3:30 p. m. Question Box, A. H. Wingett, Lenox, Mass.

On these dates a spring flower show, occupying the entire first floor of French hall, will be held. For further information write the department of floriculture, Massachusetts Agricultural College, Amherst, Mass.

PLANT NOTES.

Seeds for March Sowing.

The middle of March is the proper time for the sowing of the main crop of summer annuals. The seedsmen have seen that the growers have the catalogues, and the lists of the wants for the year should be made out at once, if not already done, and the seeds procured and sown. How often have we seen good growers spending valuable time during the busy days of May and June hunting for some small stock that could have been easily grown, but was neglected at the proper time. It is a good time now to look back at the sales of the last year or two and note what lines of stock were in short supply or were carelessly omitted. Such matters as this are the little things that count in a successful business, for the time taken in hunting up and procuring the cheaper kinds of stock during the busy season more than eats up all the profit received in handling it. The seeds that should be sown now are almost endless in variety, and they include asters, Phlox Drummondii, zinnias, marigolds, balsams, antirrhinums, begonias, calendula, celosias, cobæas, cosmos, gauras, mignonette, nicotianas nasturtiums, petunias, salpiglossis, ricinus, salvias, scabiosa, stocks, thunbergias and others that may be demanded. With the exception of Cobæa scandens, mignonette and ricinus, which should be sown in pots, these can all be sown in flats and as soon as large enough transplanted to pots or spaced in flats, and good stock be had for summer bedding.

Iceland Poppies.

A beautiful cut flower for summer use not often grown is the Iceland poppy. While it is a perennial, yet it can be treated as an annual if the seed is sown early and the plants transplanted. Seeds sown in March will bloom the coming summer, and the varieties of color range through the yellow and orange to white. The petals have a peculiar satiny texture and are beautifully crumpled, and if the flowers are picked in the early morning they will stand in water for a long time and are very decorative. There are few annuals that will attract more attention than a vase of these lovely poppies arranged with apporpriate green, and besides they have a delicious fragrance. They are easily grown, and if the flowers are kept picked will continue to bloom all summer. Another poppy that can be grown for cut flowers is the Shirley poppy, but the flowers do not last as well as the Iceland poppies.

Camellias.

While it is a question if the camellia will ever become as popular as it was years ago, yet there seems to be a growing demand for the blooms of the "Japonica" as it was so familiarly known to the grandparents of the present generation, and the flowers are well adapted to certain classes of work or occasions. A few dwarf plants are now also seen in flower in some of the stores. They are easily grown, the prime requisite being a cool house. one with a night temperature of 45 degrees to 50 degrees, and the constant care throughout the year that all hard-wooded plants require. The large specimens which are grown for cut blooms may be planted in the ground of the house, first spading in a quantity of leaf-mold and rotted cow manure. The smaller plants are generally grown in pots, firmly planted in the same kind of soil, with plenty of drainage. They do not need repotting often and when done the shift should be to only one size larger, and this should be done just after the plant is through flowering, for it then starts to make its growth for another season. When the growth starts the plants should be given plenty of water and frequently syringed; in fact, careful watering is the one thing necessary in their culture. They should never become dry, and during the hot days of summer frequent syringings are required, which also greatly assists in keeping down mealy bug and scale, the only two insects to which the plant is subject. The cause of the buds dropping, which will sometimes occur, can invariably be traced to the plant becoming dry some time during its growth. During the summer, heavy shade over the plants will be required and an abundance of air should be provided at this time.

Lilacs for Easter.

A large variety of blooming plants can be grown for Easter, and dwarf, shapely lilacs are appreciated by all flower lovers, and the cut sprays have now become a standard winter flower. For the pot plants the imported budded stock is preferable, but for cut blooms any lilac may be lifted and they force quickly and easily in a warm house. The varieties most grown for pot plants are Marie Lagraye, white, and Charles X, purple. Four weeks in a temperature of 65 degrees will bring them into flower. The plants when placed in the greenhouse should be syringed several times a day in order to assist the buds to swell and kept in a dark place. As soon as the buds begin to open the plants can be placed in full sunlight. The common lilac can be forced in the same manner. A bush, which is well set with flower buds, and these are easily distinguished from the leaf buds, can be lifted and planted in a bench and will furnish fine sprays of flowers. If the plant is kept shaded from the sun by spreading a heavy cloth over it the flowers of the purple varieties will be white when forced. The plants will require plenty of water, for they make but little root growth and bloom upon the vitality which has been stored.

Rambler Roses.

The plants of rambler roses that are intended for Easter blooming should now be showing color and if they are not, they will require quite a little forcing to have them in the best of condition for that date. If the plants are at all potbound, watering with liquid manure will be of great assistance to them and stimulate the flowers and make them much larger and an addition of soot to this will intensify the color. The plants will often, when setting the buds, make long growths from the base of the plants; these should be cut out, for they are taking much strength that should go into the flowers. These canes can be made into cuttings and propagated and will make small plants for next year's growing or can be planted outside and grown on for stock for the future.

There is always a good demand for well-grown pot ramblers for Decora-

tion day and early June, and plants started now will be in the best of condition at that time. They can be started in a cool house and frequently syringed until the eyes break, when they can be moved into warmer quarters and full sunlight. For June decoration there is nothing better in blooming plants than Crimson Rambler and the other rambler roses and hydrangeas; they make a beautiful combination and are also very decorative for porches.

Surgery for Sick Trees.

A cavity in a decayed tree is something like a cavity in a decayed tooth. If an unreliable tree surgeon who has been called in to save the tree only partially removes the diseased part of the wood, uses no antiseptic coatings in the cavity, and fills it up with cement, the tree is no more cured than is a person whose decayed tooth has not been properly filled by a dentist. The only difference is that after the tree cavity has been covered, if the work has not been properly done, the tree has no way of making its trouble known except by further decay. Within the last decade there has been a great increase in demand for surgeons to repair decaying shade trees, but the possibilities of practicing fraud in this profession, like the instance just cited, have tempted so many unreliable people to dabble in the science that tree surgery has fallen somewhat into disrepute. The department of agriculture realizes that commercial tree surgery should occupy a high place in the estimation of the public, and has recently issued a pamphlet entitled "Practical Tree Surgery," wherein suggestions are made for improvement along these lines.

As in all professions, there are reliable and unreliable men and firms competing for contracts in tree surgery. In recent years so many occasions have arisen when property owners felt the necessity of calling in commercial tree surgeons to attend to their trees that there are now numerous firms, both honest and dishonest, engaged in the work. Usually tree surgery is practiced in connection with some nearly related line, but often it is taken up as a business of itself. When a blight such as the chestnut bark disease infects the trees of a district, the community, or individuals in it, will often spend considerable money to control ravages which may rob the whole district of its trees. An affection like the chestnut bark disease is contagious. It requires scientific knowledge of the disease to know whether an affected tree should be destroyed at once or is worth treating. It requires scientific training to understand the manner of growth of the fungi causing the disease and what treatment is best. Many individuals who have had faith in tree surgery have lost it through following the advice of unreliable tree surgeons who claimed to be able to diagnose a case, but whose main interest was to collect a good sum of money for their work.

PRUNING HOOKS AND CLIMBING DEVICES.

Besides the careless filling of decayed cavities in trees, there are other practices of certain so-called "tree surgeons" that do the trees more harm than good. Many of these "surgeons," as well as the people who employ them, do not realize the danger arising from fresh injuries to a tree. The tree owner should realize that prompt attendance to fresh injuries will largely do away with the need of tree surgery 15 or 20 years hence. The tree surgeons must realize that if they make fresh injuries in the living bark, when treating decayed portions, they are laying the tree open to more dangers of infection that will result in further decay. Just as a person is subject to infection through cuts and scratches, trees are rendered subject to infection by having their living bark torn. Notwithstanding this, many tree surgeons use pruning hooks and climbing spurs and cut fresh gashes in the tree. To break off small dead branches a workman may use a long pruning hook as though it were a club. In doing so the hook usually causes injury to the young bark nearby. Every new wound may furnish a new point of entrance for decay, even though the old dead branch may have been removed. The use of climbing spurs should be particularly avoided on trees in vicinities where there is a contagious infection. They simply render the treated tree all the more liable to catch the disease which is "in the air." All properly equipped firms of commercial surgeons should have ladders that would reach 40 or more feet into a tree. Ladders, ropes and rubber-soled shoes will allow a man to reach practically every part. Reliable estimates indicate that it takes somewhat longer (perhaps 25 per cent on an average) to do work on a tree when these are used instead of climbing spurs, and this is one reason why many firms who value remuneration more than reputation use the spurs.

TO MINIMIZE UNRELIABILITY.

The department is suggesting a plan that may help put commercial tree surgery on a better basis. Owners are urged to have a definite written contract with the tree surgeons they employ, and the following is suggested as a model for such contract:

(1) No climbing spurs shall be used on any part of a tree.

(2) The shoes worn by the workmen shall have soft rubber bottoms.

(3) Ordinary commercial orange shellac shall be applied to cover the cut edges of sapwood and cambium (which is the soft formative tissue from which the new wood and bark originate) within five minutes after the final trimming cut is made.

(4) All cut or shellacked surfaces shall be painted with commercial creosote, followed by thick coal tar.

(5) All diseased, rotten, discolored, water-soaked, or insect-eaten wood shall be removed in cavity work and the cavity inspected by the owner or his agent before it is filled.

(6) Only a good grade of Portland cement and clean, sharp sand in no weaker mixture than 1 to 3 shall be used to fill cavities.

(7) The contractor shall repair free of expense any defects that may appear in the work within one year.

If the owner prefers to have a cavity filled with asphalt or other material instead of cement, the contract can be altered accordingly. If it is desirable to substitute some other preparation for shellac, this can be done. Similarly, under certain conditions, various other modifications may be made, although alterations in Nos. 1, 2, 5 and 7 should be made with caution. It may so happen that if all insect-eaten wood is removed, the tree may be dangerously weakened; under such conditions the diseased matter can be removed to solid wood and the cavity fumigated. Other suggestions along these lines may be found in the pamphlet issued by the department.

The department realizes that this science is comparatively new and that methods in the near future may be developed that will prove far superior to some now in common use. It therefore invites correspondence either from individuals or firms concerning new methods of treatment and is prepared to advise regarding any particular method so far as experimental results will permit. The cooperation of all who are interested is necessary for this work. All interested are urged to write for the new bulletin.—Dept. of Agriculture News-Letter.

ROSE NOTES.

Propagating.

January and February are two of the best months for rose propagating, as there is usually very cold weather at this time and the extra heat required for this work can be kept constantly under the sand, owing to steady firing, and the wood seems to root readily at this time.

It will be noticed that during the latter part of January the plants begin to take on more vigor and produce a new lot of growth admirably adapted to cutting, and unless one is working up stock of some new variety, they need not start the cuttings until the latter part of January as then there will be better wood and to remove it will not have the same tendency to retard the growth of the plants as it would three weeks earlier, when the plants are practically at a standstill, following the holiday cut. As a rule, if one grafts their stock, one only uses the strongest flowering wood, and the smaller growths are pinched, causing no more check to the plants than the usual cutting of the blooms, but where the propagating is done by rooting the cuttings, one has to use greater care or too much good wood will be taken for the good of the plants. So we would suggest going rather light for the first lot of cuttings, and follow the plan of doing some propagating every two or three weeks, particularly if the range is a small one. In this way the best of wood can be selected and with less strain on the plants.

It is most essential to have a carefully designed bed or bench for the cuttings, preferably a house built especially for this purpose, but we have often seen on some small range, a very practical arrangement for the cuttings, as the propagating house at the start could not be afforded, at least. There are certain conditions that must be present in order to get good strikes, and they may be summed up as follows: A good sound propagating bed to hold three inches of sand, and so situated as to receive plenty of sunshine if necessary and also a pure circulation of air (no draughts), with certain heat sufficient to bring the temperature to 65° and the overhead temperature from 58° to 60°. The bench can be curtained off or the heat retained by enclosing the coils with boards, building paper, etc. As the water usually reaches a very low temperature, which is sure to chill the sand at this season, it is best to sink a barrel under the bench and keep it always filled with fresh water; this water naturally adapts itself to the temperature of the house, which is right. A small lump of lime the size

of a pigeon egg dropped into the barrel daily will keep the water pure and sweet. Remember that cleanliness in the propagating house is absolutely necessary; no decayed boards, trash or trimmings from the cuttings should be allowed to lay around. Give the bench a good coat of hot lime wash and sprinkle the walks and surroundings every day or so freely with air-slacked lime.

The sand required is a good sharp, clean sand of medium grade, about like fine granulated sugar. Bank sand is best, as it contains no vegetable matter. We have often seen excellent wood and careful preparation of no avail as the sand used was taken from the side of the road, or was too full of clay, which is so easily over watered. A sand such as rotten rock, or one that contains more or less clay, will give one a good strike providing the first watering is thorough and the cuttings are sprayed afterward, as one watering will in most instances be enough. The sharp sand, as described above, is by far the best as it is almost impossible to overwater it. There should be three inches of the sand after it is firmly packed and watered. The sand should be shaded and this can be taken care of by hanging some cheap cotton cloth in such a manner as to be easily pushed out of the way or slipped along on a running wire fastened to the bars over head. If the cloth is drawn tightly to the roof, it will prevent a draught from the ventilators and can be arranged to lift up from the bottom when watering or putting in the cuttings. The location of the bench will suggest the most practical arrangement of shading. An excellent plan is to tack the cloth on light frames the width of the bench. These can be stored when not in use, and will last indefinitely.

We will now go back to the cutting end of the job. In selecting the wood, remember the very best is none too good, and the best according to our idea is blooming wood, the short growths from four to six inches in length bearing good heavy and well formed buds, taken when the buds are just about beginning to show color. This wood will be found quite ripe at the heel and will be worth more devoted to cuttings than to cut for the blooms, as good stock is absolutely necessary these times. Our experience is that blind wood cuttings reproduce blind wood plants more or less, eventually the running out and deterioration of the plants. If your plants should at present be in this condition, we should strongly advise procuring new wood from some well known grower who has grafted stock, and if one's stock is badly run down the best one can do is to replant with grafted stock which will at least give the proper wood for next season's cuttings. The difference in the price will surely be made up and forgotten about before half the season is over. Own root stock is of course all right if the soil is adapted to it, and the proper wood is selected for the cuttings, but the soils must be heavy and a good sod soil at that.

However, to get back to the cuttings again, take off just enough wood to work up without having any lay around too long. Select a cool, shady place and lay the wood on clean paper and sprinkle it well. Select a sharp knife and cut as many of the cuttings with a heel as possible and none of them less than two eyes. There is no need of removing or clipping the foliage if one has plenty of room in the propagating house; only the bottom leaves should be cut away so they will not rest on the sand, as to do so would cause them to drop their foliage. Open up the sand with an old table knife and use a flat stick for a ruler. Do not cut the sand deeper than an inch or so as it is better to press the cutting a little way into the firm sand or at least to the bottom of the cut. Place the longest cuttings to the back and graduate them, leaving the shorter ones to the front. Water thoroughly and label everything carefully. Be sure to press the sand firmly on each side of the row as each row is put in. Spray every bright day, and remove shading on cloudy days. Having thermometers placed in the sand to a depth of 1½ inches will give one the temperature, which should be 65° to 68° day and night. The sand should be kept quite wet until the cuttings begin to start rooting, then watering should cease and they can then be allowed more sunshine. When the roots have reached a length of half an inch, they should then be potted without delay. American Beauty wood should be selected from the center section of the long canes so as to have the wood of uniform ripeness. They should be made up into two-eyed cuttings and the foliage trimmed a little and placed in the sand so the foliage of one row does not overlap the next row. These will perhaps root uneven in the coolest end of the bench and they will take a little longer to root. Select no wood infested with red spider, mildew, or black spot, or streaked foliage. If so, total failure will be the result. As these directions are principally intended for the grower who is more or less lacking in experience, it has been necessary to go into details in order to clearly describe the work. E.

Toledo.

BOILER RULING BRINGS PROTEST.

The florists and the commercial greenhouse owners and operators of Toledo and vicinity at a recent meeting have addressed a set of resolutions to the chairman of the state industrial commission at Columbus, representing that they are confronted with the alternative of either abandoning their business entirely or of employing high-priced boiler operators for whom they have no need, and who have not been trained to the conditions peculiar to the greenhouse business. The law has been in force about 14 years, but has not been enforced in the case of greenhouse boilers until about three years ago, when Krueger Bros., Harry Heinl and E. A. Kuhnke were cited. Krueger Bros. and Heinl sent their own men, and Kuhnke took the examination himself, and these three firms thereby satisfied the authorities. No further action was taken until last fall, when dull times caused a number of industrial plants to close down and a number of stationary engineers were made idle. This was followed by notifications to practically every owner of a steam heated greenhouse to hire a licensed engineer. This was done in some instances, but the average fireman or engineer, while undoubtedly as good or better at the boiler as the greenhouse man, has not the practical knowledge to handle greenhouse temperature and conditions.

It is further claimed that the examinations are unnecessarily severe, and while perfectly consistent in the case of handling high pressure boilers in large institutions or factories, the low pressure carried in greenhouse boilers, and the fact that practical experiences in temperatures as regards plant growing, gave the greenhouse operator an advantage as a fireman in charge of the greenhouse boiler room. Under these conditions the florists and greenhouse operators ask the state industrial commission to take such action as will give them simple justice and relief from conditions that are discouraging to the cause of florticulture and horticulture in every form. K.

Washington.

TRADE CONDITIONS VERY SATISFACTORY.

Stock is plentiful, prices reasonable, and conditions generally are satisfactory to the retail trade. Carnations are bringing from $3 to $5 per hundred. Roses of all kinds, such as Killarney, Hillingdon, Sunburst, Hadley, Richmond, Radiance, etc., can be had at from $4 to $12.50 per hundred. Orchids are priced from $4 to $6 per dozen, and gardenias are offered at prices ranging from $2 to $3. It is only on rare occasions that there is a run on cornflower, but on Washington's birthday, every florist was short of supply.

NOTES.

Z. D. Blackistone had one of the most attractive window displays ever shown in this city for Washington's birthday. The arrangement was a marble column, surmounted by a life-size bust of the "father of our country." The decorator deserves credit for the display which attracted much attention.

Fred Kramer is at present cutting excellent Killarney Queens. They are about on a par with some of the American Beauty roses that are sent to this market, but not quite as high in price.

Local florists made a splendid showing at the food show last week. Their stands were banked with cut blooms of the choicest varieties, and attracted much favorable comment.

Gus Lovall's tulips are coming in now, and are about as fine as can be expected. He says: "Look out for my gladioli. I have some of the best and newest varieties."

H. Winkler is sending some extra fine snapdragons to this market; they are the best that are being brought to this city.

George H. Cooke reports business as good as can be expected and is busy with luncheon and dinner decorations.

E. L. Miller, formerly of Mansfield, O., is now connected with Z. D. Blackistone in the capacity of salesman.

Visitors: Charles Cook and son and M. Culp, of Catonsville, Md.

G. C. D.

Buffalo.

TRADE IS SATISFACTORY.

Weather conditions have been favorable the past week and business was good until the Lenten period opened. St. Valentine's day, coming on Sunday, was almost equal to Easter, and plants, cut flowers, corsages and other orders, such as up to date florists cater to, were all that could be expected. Bulbous stock from now on, will be plentiful with the demand limited, and it will behoove the grower to sell plants, and curtail on what he has to buy. Washington's birthday called forth a goodly number of red and white flowers, carnations being most in demand, and the supply adequate. Roses are more plentiful, the off crop of the past three weeks is a thing of the past. Tulips, daffodils and hyacinths are plentiful and carnations are good. Sweet peas are of first quality. Freesia is in good supply with orchids and lily of the valley in abundance. Choice grown lilacs are on sale in some of the stores and have a ready sale, a handsomelv trimmed lilac for an odd funeral or other order being very acceptable now and different from the always suggested cluster basket or design.

NOTES.

Joseph Streit, foreman of S. A. Anderson's, had a surprise on the

occasion of his birthday, when all the force from the store and greenhouse greeted him on his return from a visit to a nearby grower, which was nicely arranged by Mrs. Streit. About 60 of his friends were there and upon his entering the potting shed, he was surrounded by the whole crowd. The occasion was very aptly arranged and the presentation of a Victrola and records by Mrs. Streit and the employes of the store and greenhouse was ably done by E. C. Armbrust, who in a few well chosen words enlightened him on the occasion of the delegation being present. After a bounteous spread had justice done to it, dancing filled the balance of the evening. all enjoying themselves and making it pleasant for Mr. Streit.

Now is the time for the wide-awake florists to have all the little accessories, such as pot arrangements, ribbon bows, and all things that are to be used for Easter in readiness and carefully put away, so that when wanted they will be on hand, for the time is not far off and such things as crepe paper and many other things that are so much used can be prepared in dull times, thus facilitating the business and preparing for the busy time.

The bulb men are calling daily; also representatives from H. Bayersdorfer & Co., H. A. Dreer and M. Rice Co., of Philadelphia, Pa., and Mr. Dykes of Ed Jansen, New York. BISON.

Columbus, O.

TRADE CONDITIONS FAVORABLE.

Florists generally report a satisfactory trade, and one that compares favorably with the same period a year ago. The stamina shown by the market is an agreeable surprise, in view of depressed trade conditions which exist in a number of other retail lines which are regarded as being more staple. There is still a shortage in carnations. The largest growers of central Ohio have been placing orders on the outside, but are not given full shipment. A week of sunshine has greatly improved prospects, and some growers foresee an abundant supply, if not a glut, early in March. Roses are about equal to demand, but the quality is impaired somewhat by mildew, as a result of unfavorable weather. Sweet peas are good stock, but remain a moderate factor in the trade. All kinds of spring stock in bulbous form is moving freely, with supply apparently equal to demand.

NOTES.

The Green-Joyce Company department store has inaugurated a floral branch, opening February 20. This is the first venture of the kind for Columbus. J. R. Clark, a practical florist, who has lately been with Graff Brothers, is manager. He is a young man of good personality and evidently the right kind of man to try out this innovation. He reports a highly-encouraging start. Cut flowers and bulbous stock will be carried. C. C. J.

Holyoke & Northampton Florists' Club.

The monthly meeting of the Holyoke and Northampton Florists' and Gardeners' Club was held Tuesday evening, February 16, in E. J. Canning's office, Prospect Heights, Northampton, and was well attended, some twenty-two members being present. G. H. Sinclair and George Strugnell, of Holyoke, and F. D. Keyes & Son, of Florence, exhibited some remarkably well grown cyclamen plants. It is doubtful if better plants have ever been grown in western Massachusetts. F. D. Keyes & Son also exhibited a vase of that grand crimson carnation, Princess Dagmar. E. H. Downer, of the Smith College Botanic Gardens, exhibited some well grown plants and sprays of flowers of Schizanthus Wisetonensis in a great variety of colors and markings. He also exhibited some specimen cinerarias. Each of the exhibitors were awarded a first-class certificate of merit. The exhibits provoked much discussion among the members, and practically every minute detail of culture was brought out. Frank Barnard, a former active member, sent a paper which was read by G. H. Sinclair, on the history and the quantity of plants and cut flowers grown at the A. N. Pierson Company's range at Cromwell, Conn., where Mr. Barnard is now located. The club presented W. H. Whiting, of the Massachusetts Agricultural College, with a pair of gold cuff links, in recognition of his faithful and efficient services as secretary of the club. The March meeting will be held at the large new Sinclair greenhouse at Smith's Ferry.

E. J. C.

Muncie, Ind.

Simon Humfeld, who has been in Florida the past two months, has returned and reports that rose growing in Florida is a success. At Lake Hamilton, a new town near Haines City, roses five feet high are in full bloom—long stems and perfect foliage. A Mr. Richardson from Bloomington, Ind., used a red clay and mud from the lake which seems to be an ideal soil for roses. C. C. Harvy has bought land there and will grow roses for the cut flower market. Mr. Humfeld reports that thousands of boxes of citrus fruit will not be sold, there being no market for them.

The Late H. Frank Darrow.

The Riverside Floral Co. has made all repairs on its boiler and potting shed. Their loss by fire two weeks ago on building was covered by insurance, but the plants were not. The decorative plants are a total loss. The mild weather has been in their favor and they have restocked on some of the ferns and decorative plants. The rose house was not injured.

Miller's Flower Shop reports good trade the past week. Funeral work was very heavy. The stock of cyclamens was exceptionaly fine; also, a large stock of new pelargoniums will be in for Easter.

Henry Potornphia's new place on Cramer avenue is in first class shape. Great quantities of bedding stock are being worked up.

Williams & Clark Floral Co. report business good. Their roses and carnations are in fine shape, with good crop on. S. H.

OBITUARY.

H. Frank Darrow.

H. Frank Darrow, New York, well-known importer in the horticultural field, and with long standing connection with leading European firms in the trade, died at the Long Island City hospital, February 21, aged 48 years.

Born in New London, Conn., in 1866, and receiving his education in that city, he entered the employ of Theodore Pabst & Co., 26 Barclay street, New York, at the age of 21, that firm at the time being the American representatives for Vilmorin-Andrieux & Co., Paris, France, and for Louis Leroy's Nurseries, Angers, France. Theodore Pabst & Co. went out of business in 1893, being succeeded by the late August Rhotert, who added other agencies to this horticultural representation, and succeeded in getting together a complete and entire line for florists and nurserymen. Mr. Darrow was retained on the Rhotert staff, and upon the death of Mr. Rhotert in 1906, he became sole owner of the business, and had since that time conducted it under his own name. Under his management the business grew yearly, and at present is one of the largest of its kind in the United States, and the European firms represented are among the best and most reliable in the world. Besides the two French firms mentioned above he was sole agent in the United States and Canada for The Haerens Co., Somergem, Belgium; John Palmer & Sons, Ltd., Annan, Scotland, and others. He was also an extensive importer of French, Japanese and Dutch bulbs and raffia. He was also a regular custom house broker and made large exports.

His passing brings to a close a successful business career, and will occasion deep regret among a host of friends, both in the trade and out. For a number of years past he had resided in Flatbush, Brooklyn, and is survived by his widow and one daughter.

Mrs. M. Thielmann.

Mrs. M. Thielmann, the mother of John and Fred Thielmann, well known florists of Brooklyn, N. Y., died in Los Angeles, Calif., February 13, of a paralytic stroke, aged 78 years. Mrs. Thielmann was in the florist business in Brooklyn for 41 years and had a wide acquaintance in the trade in the leading cities from coast to coast. She was a woman universally respected by friends and associates in the trade. She is survived by two sons, John and Charles, and one daughter, Mrs. Rosie Hammes. Interment was in St. John's cemetery, Brooklyn. A. F. F.

Edward Houck.

Edward Houck, manager of the Elitch-Long Flower Store, Denver, Colo., and one of the best known florists in that city, died of paralysis, February 15. He was 48 years old. He had been a resident of Denver for 25 years, coming to that city from his birthplace, San Jose, Calif. He is survived by his wife and two sisters. Mrs. Elitch-Long, of Denver, and Mrs. C. E. Schilling, Los Angeles, Calif.

WEST PARK, O.—The Thompson & Allen Gardening Co. has been incorporated with a capital of $25,000.

MUNCIE, IND.—The greenhouse of the Riverside Floral Co. was partially destroyed by fire, February 7. The loss will be about $500.

CHARLOTTESVILLE, VA.—The Virginia State Horticultural Society will hold its next annual meeting in this city January 12-13, 1916.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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RENEW subscription promptly so that no copies of the paper may be missed.

IT is generally believed the five per cent advance in eastern freight rates going into effect this week will materially improve business conditions.

OFTENTIMES the manager of a business, especially if it is a small business, pays too much attention to the things which he makes and not enough attention to the people who make them, the people who sell them, and the people who use them. "It's not things that make life—it's people," says Walter H. Cottingham, president of the Sherwin-Williams Company. "It's not things which makes business, it's people—people with red blood in their veins, men and women with hearts and feelings, aims and ambitions—men and women susceptible to encouragement and sympathy, training and discipline."—Current Opinion.

Florists' Telegraph Delivery.

The meeting of the directors of the Florists' Telegraph Delivery will be held March 3 at 10 a. m. at Hotel La Salle, Chicago. instead of March 2, as previously announced.

ALBERT POCHELON, Sec'y.

Hail Screens for Greenhouses.

Answering "W. A. P.": The best hail screen for a greenhouse is a policy in the Florists' Hail Association. Better write the secretary, John G. Esler, Saddle River, N. J., right away.

W. N. RUDD.

Chrysanthemum Society of America.

The fourteenth annual meeting of the Chrysanthemum Society of America will be held at Cleveland, O., November 10, 1915. The annual exhibition, which will be held in conjunction with the Cleveland Florists' Club, will take place November 10-14. There will also be an exhibit of chrysanthemums under the auspices of the Chrysanthemum Society of America in conjunction with the gardeners and florists of the Pacific coast, to be held at the Panama-Pacific International Exposition, San Francisco, Calif. The date and other details will be announced later.

CHAS. W. JOHNSON, Sec'y.

American Rose Society.

The annual meeting and exhibition of the American Rose Society will be held in Horticultural hall, Boston, Mass., March 18-21. The New York flower show at the Grand Central Palace occurs March 17-23. It has been arranged to stage roses at these exhibitions to conflict as little as possible, and the American Rose Society wishes to call attention to these dates. Roses in pots and tubs will be staged at Boston, Thursday, March 18. All cut roses will be staged, Friday, March 19, on which day the annual meeting will be held at 3 o'clock.

At the New York flower show, all pot grown roses will be staged, Wednesday, March 17. All classes of cut roses, except the special class for display of 1,000 blooms will be staged, Thursday, March 18. This special class will be staged, Saturday, March 20. This arrangement allows an exhibitor the opportunity to exhibit in New York on Thursday and in Boston on Friday. It allows visitors from a distance the opportunity of participating in both the New York flower show and the American Rose Society annual exhibition which, in conjunction with the spring show of the Massachusetts Horticultural Society, will be especially attractive.

The American Rose Society invites your attendance and your exhibit. Schedules may be obtained from Benjamin Hammond, Beacon, N. Y. We trust that our exhibition may be a credit to the American Rose Society and worthy of the excellent premium list prepared.

WALLACE R. PIERSON, Pres.

Amer. Ass'n of Park Superintendents.

An executive meeting of the American Association of Park Superintendents was held at the offices of Hon. Cabot Ward, the park commissioner of New York, Saturday, February 20, for the purpose of deciding the convention date. A number of members were present at the invitation of the executive board, from Boston, Providence, New Haven, Newburgh and New York. President Gustave X. Amrhyn presided. It was voted to hold the annual convention this year at San Francisco, August 18.

An invitation was extended by Wm. H. Coldwell, who was present at the meeting, to have the members of the A. A. of P. S. when visiting the Panama-Pacific Exposition grounds, make their headquarters at the exhibit of the Coldwell Lawn Mower Co.

It was the unanimous choice of those present to make the trip to San Francisco, via Chicago, Minneapolis, Glacier National park, Spokane, Seattle and Portland, leaving Chicago, August 6, making a day's stop-over at the points named and arriving at San Francisco, August 16. Returning, leaving San Francisco, August 22 via Los Angeles and San Diego, where a four days' stop will be made, thence a one day's stop at Salt Lake City, Colorado Springs and St. Louis, where the party will separate for home. The trip from New York and return will occupy just 30 days. Railroad fare from New York for entire trip, including lower Pullman berth, $162.80—proportionate fares from interior points. An invitation will be extended to the different horticultural societies to have their members who will go to the exposition at that time join the members of the A. A. of P. S. in their trip across the continent.

Club Meetings Next Week.

Detroit, Mich., March 1, 8 p. m.—Detroit Florists' Club, Bemb Floral hall, 153 Bates street. R. H. Wells, secretary, 827 Canfield avenue, Detroit.

Montreal, Que., March 1, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette street, Montreal.

Buffalo, N. Y., March 2, 8 p. m.—Buffalo Florists' Club, Kasting's hall, 385 Ellicott street. Wm. Legg, secretary, 889 West Delaware avenue, Buffalo.

Dayton, O., March 2, 8 p. m.—Dayton Florists' Club, 37 E. Fifth street. Horace M. Frank, secretary, 112 South Main street, Dayton.

Indianapolis, Ind., March 2, 8 p. m.—State Florists' Association of Indiana. Oliver Steinkamp, secretary, Rockwood avenue and Thirty-eighth street, Indianapolis.

Lake Geneva, Wis., March 2, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Wm. H. Griffiths, secretary, Lake Geneva.

Los Angeles, Calif., March 2, 8 p. m.—Los Angeles County Horticultural Society at 237 Franklin street. Henry W. Kruckeberg, secretary, Los Angeles.

Milwaukee, Wis., March 2, 8 p. m.—The Milwaukee Florists' Club, Kurtz Bros., Third and State streets. Eugene Oestreicher, secretary, North avenue and Fifty-fifth street, Milwaukee.

Minneapolis, Minn., March 2, 8 p. m.—Minneapolis Florists' Club, usually at Rice Bros., 218 North Fifth street. Wm. J. Vasatka, secretary, 3340 Chicago avenue, Minneapolis.

Philadelphia, Pa., March 2, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street, above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., March 2, 8 p. m.—Pittsburgh Florists' and Gardeners' Club, Fort Pitt hotel, 10th street and Penn avenue. H. P. Joslin, secretary, 7202 Perrysville avenue, Ben Avon, Pa.

Washington, D. C., March 2, 8 p. m.—The Florists' Club of Washington, D. C., 1214 F street, N. W. C. L. Linz, secretary, 635 Tenth street, N. E., Washington.

Louisville, Ky., March 3, 8 p. m.—The Kentucky Society of Florists, Masonic Temple. August Baumer, secretary, Masonic Temple, P. O. Box 295, Louisville.

Albany, N. Y., March 4, 8 p. m.—Albany Florists' Club, 611 Broadway, Robert Davidson, secretary, 139 Second avenue, Albany.

Chicago, March 1, 8 p. m.—Chicago Florists' Club, Hotel Bismarck, 175 West Randolph street. Guy W. French, secretary, Morton Grove, Ill.

Tacoma, Wash., March 4, 8 p. m.—Tacoma Florists' Association, Maccabee hall, Eleventh and C streets. F. H. Atchison, secretary, South Fiftieth and East F street, Tacoma.

Lake Forest, Ill., March 5, 8 p. m.—The North Shore Horticultural Society, City Hall. E. Bollinger, secretary, Lake Forest.

Lenox, Mass., March 6, 7:30 p. m.—Lenox Horticultural Society, Town hall. Geo. H. Instone, secretary, Lenox.

San Francisco, Calif., March 6, 8:15 p. m.—Pacific Coast Horticultural Society, Sachem hall, Redmen's building, 240 Golden Gate avenue. W. A. Hofinghoff, secretary, 432 Phelan building, San Francisco.

Advertiser Wants to Rent 100,000 or 200,000 Feet of Glass Near Chicago.

If you have such a place answer this advertisement immediately for we are desirous of closing the deal as quickly as possible. Range must be within reasonable shipping distance of Chicago and would prefer one already planted to roses, but this is not essential. Will take a long lease. We have the necessary hard cash to do business with, but curiosity seekers are invited to pass this up for we mean business and have no time to waste with idlers. State full particulars in first letter.

Key 490, care American Florist.

Situation Wanted—As working foreman by all around florist: life experience. Married. Address Key 485, care American Florist.

Situation Wanted—By young man, as designer and storeman; west preferred. Address Key 492, care American Florist.

Situation Wanted—As gardener of private place or large institution; married; life experience; best of references. Address Key 491, care American Florist.

Situation Wanted—By German, sober, reliable, life experience, able to produce results; bedding, pot plants, cut flowers, propagator, etc. Address Key 482, care American Florist.

Situation Wanted—Work in greenhouse by a young Dane, seven years' experience, can do all kinds of floral design work. References furnished. A. MENGEL, 66 High St., Oshkosh, Wis.

Situation Wanted—Good all around storeman, strictly honest, sober and reliable 21 years of age, desires to locate with some large retail florist; can come March 10. When writing state wages. Address Key 486 care American Florist.

Situation Wanted—By landscape architect, designer, practical man, able to take charge and do first class work. Experienced in nursery and florist business, etc. Address Key 481, care American Florist.

Situation Wanted—As superintendent or head gardener; age 33, married, no children; thoroughly competent to take charge of greenhouses, vegetable gardens, choice fruits, lawns, etc. Address RUDOLPH VON DER RUHR, 6 Crown St., Webster, Mass.

Situation Wanted—By an experienced gardener and florist on private place. Fruit, flowers and vegetables under glass and in the open; lawns, shrubs, and all work required on a large private place. Best of reference. Address, Key 489, care American Florist.

Situation Wanted—By a competent florist and landscape gardener, with 25 years' experience and first class references. Graduate of horticulture college and floriculture course; age 40, married, sober, and absolutely trustworthy. Address GARDENER, 1099 North Ave., Hubbard Woods, Ill.

Situation Wanted—For March 1st, by a practical all-around grower, competent to produce first-class stock and manage any kind of place. Commercial or private institution. Strictly honest, sober and reliable. Best references. State particulars. Address, Key 415, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience. OSCAR WERNER, 605 Main St., Petaluma, Calif.

Situation Wanted—As head gardener, florist, superintendent of private place; English, age 36, married, one child, age 9; life experience in all branches; hothouse grapes, peaches, melons, 'mums, carnations, roses, palms etc., vegetables, hardy fruits, perennials, trained fruit trees, and the general routine of a well kept place; 24 years on best estates; long references from this country and England. Please state wages in first letter. Address Key 476, care American Florist.

Help Wanted—A capable all around man for city store with small greenhouse. ANNA GRACE SAWYER, 4044 W. Madison St., Chicago.

Help Wanted—A first-class, reasonable-priced florist and designer; one capable of growing all kinds of stock for small greenhouse; state wages. HARVARD GREENHOUSE, Harvard, Ill.

For Sale—Will sell at reasonable price, five greenhouses, well stocked; dwelling house, garage and barn. For further information inquire of MILES MEIDAM, 1362 Carver St., Appleton, Wis.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

For Rent—Desirable location or retail florist Lease expiring soon. Apply T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

A1 ROSE GROWER

Wants position as foreman. Expert on American Beauty and all other commercial roses. Can furnish A1 references as to ability and character. Address, Key 487, care American Florist.

Traveling Salesmen to Sell Seeds.

Position open now for two experienced seed salesmen **who have been successful.** State experience in full, former employer and any other information essential in determining the fitness of applicant. All correspondence strictly confidential.

NORTHRUP, KING & CO., Seedsmen,
Hennepin Ave. and First St., Minneapolis, Minn.

Landscape Business and 18,000 ft. of glass for sale

in Chicago's richest suburb. Greenhouses are well stocked with plants, and three acres of valuable land are included in the deal. Splendid opportunity for a live man with some capital to take over an established business. For further particulars, address

Key 478, care American Florist.

FOR SALE

Splendid opening for florist with small capital. Retail flower store, well established business. Owner must leave city on account of poor health. Investigate quick. Address

4246 Indiana Ave., Chicago.

FOR SALE

A FINE OPPORTUNITY

Florist business, 17 years established in large Connecticut City, consisting of 3 greenhouses in good order, fine new barn or garage, one 6-room cottage, water heat, open plumbing, clean and comfortable; 25,000 feet of good land; cold frames planted pansies; wagons and stock for Easter; about 18,000 feet of glass in houses. Good reasons given. Apply, **IRWIN L. JACOBS,**
90 Church Street, New Haven, Conn.

FOR SALE.

MAIL ORDER SEED BUSINESS.

Mail order Seed Business of Thirty Years Es tablishment. An unusual opportunity to secure a real money making seed business at a bargain. Annual patronage consists of 200,000 customers. It will pay one interested in this line of business to investigate. Good reasons for selling. Correspondence solicited. If interested can be shown actual results received daily at this time. Address, Key 488, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

New 1914 Edition. **Price $3.00, Postpaid.**

AMERICAN FLORIST CO.

440 S. Dearborn St., CHICAGO.

Hoosier Beauty

We are now nearly through the winter and our experience with this rose to date confirms abundantly the claims that we have made for it.

It is the best red rose for florists' forcing yet produced, on account of its

Freedom, Stiff Stems, Fragrance, Color, Quick Growth and Long Stems.

Good quality blooms every month in the year, and now selling freely ! !
Our stock is superb, both own root and grafts.

OWN ROOTS
100 for $30.00, 250 for $70.00;
1000 for $250.00

PRICE

GRAFTS
100 for $35.00; 250 for $82.50;
1000 for $300.00

FOR SALE BY

F. Dorner & Sons Co.,
LA FAYETTE, INDIANA.

The E. G. Hill Co.,
RICHMOND, INDIANA.

San Francisco.

IMPROVEMENT IN WEATHER HELPS TRADE.

As the weather has at last shown a tendency to remain fair for a while, business in all lines has picked up rather generously. Of course, funeral work is the main standby. The remarkable period of dull weather has had its effect on all flowering stock. Roses are not what they should be, but are bringing very fair prices. Red seems to be off crop just now, more than any other color. Carnations are not a bit too plentiful, which is in marked contrast to last year, when they were in over supply at this period. Prices show little change. When this flower is so scarce at this time of the year, it is a pretty good criterion as to how the others are selling. Violets, owing to bad weather, have been rather poor, but the past few rainy days have remedied this complaint and the quality may now be said to be excellent. Bulbous stock is arriving in large quantities and may be said to be the only class of stock that is not bringing the prices its growers hoped for, freesias excepted. Formosum, in particular, is hard to move. Cattleyas are in splendid profusion, but as this city is noted as one of the greatest absorbers of this class of flowers, very few consignments go begging. If they don't sell today, they generally do tomorrow. Gardenias, owing to the limited number grown for this source, usually find a ready market at remunerative prices. The different varieties of acacias are coming along with a rush, but as they are only used for second class decorations, they are not much of a factor in the day's sales. Smilax is plentiful, but good ferns are not in over supply.

NOTES.

The Pacific Coast Horticultural Society held its installation of officers Saturday evening, February 6. The attendance was large and enthusiastic. Many plans were formulated for the visit and entertainment of the Society of American Florists in August. Angelo J. Rossi, chairman of the reception committee, reported much progress. His plans for the S. A. F. convention garden are assuming very mature aspects. From present indications this will be a very creditable showing by the Pacific Coast growers, and while it may be that there are a great many varieties of stock that will not reach maturity in the west, that do on the New England coast, still we feel that our efforts have not been wasted; we will do the best we can—that's all we can do.

The government of France has concluded a contract with MacRorie-McLaren Co. for the furnishing of loam, and supplying and installing trees and plants for the French pavilion garden at the Panama-Pacific exposition site, for $4,000. The French government, despite the war, has gone ahead with all its plans for its exhibit, and it will prove one of the most elaborate foreign displays at the fair.

The floral decoration of the principal business streets of the city during the exposition is being contemplated by the downtown association, and is receiving much encouragement. With Lester L. Morse, president of the American Seed Trade Association and of the American Sweet Pea Society also, in conjunction with A. J. Rossi, it seems that everything points to a successful outcome of the suggestion.

The California Rose Co., of Pomona, Calif., is opening branch yards in most of the prominent cities of the coast, or California at least. We question whether it is proper for a company selling to wholesalers to open up sales offices in their customers' localities. We don't think so. G. N.

Dayton, O.

Nicholas Metz and wife, who were with the force of the Heiss Co., florists, for many years and afterwards in the greenhouse business on Tray street, selling out later to Joseph W. Furst, have the sympathy of their many friends in the tragic death of two of their children, Joseph, aged seven, and Charles B., aged four, the result of a skidding automobile crashing through a fence and into the yard where they were at play.

Plans for the "city beautiful" movement are going forward in good shape. The Dayton Neighborhood Prize board representing all of the improvement association in the city, has divided the city into 15 districts and 18 prizes to each district are offered, with the result that marvelous improvement has been effected in the beautification of the city.

Elizabeth M. Phebus, florist, has filed a petition in bankruptcy, listing liabilities at $4,609.56 and assets, $2,360, including $2,000 worth of real estate and stock valued at $200. J. C. Krebs, of this city is the largest unsecured creditor, his claim amounting to $1,535. M.

DETROIT, MICH.—Harry Balsley is confined to his home with rheumatism.

SAN LEANDRO, CALIF.—The city beautiful committee is planning for the planting of flowers, vines and trees to beautify the city during exposition year.

LAKE FOREST, ILL.—W. E. Tricker, superintendent of Vaughan's Greenhouses, Western Springs, Ill., delivered a very interesting and instructive paper on chrysanthemum culture, especially the hardy varieties, at the meeting of the North Shore Horticultural Society, February 5.

If You Want Business Go After It.

AMERICAN FLORIST CO., CHICAGO.

GENTLEMEN:—Please discontinue Xmas add. Stock all sold, refused orders for thousands of Cyclamens and other blooming plants.

If you want business go after it.

Lincoln, Neb. C. H. FREY.

—THE—

SPRING NUMBER

—OF—

THE AMERICAN FLORIST

TO BE ISSUED

March 18

Just Right for the Easter and Spring Trade

—The Best Paid—

CIRCULATION

—To the Trade in the Trade—

Established in 1885

The paper is issued weekly and goes to all important

Florists, Nurserymen and Seedsmen

—IN THE—

United States and Canada

And the Leading Houses Abroad.

The advertising rates are: $1.00 per single column inch, $30.00 per page of 30 inches, with the usual liberal discount on consecutive insertion.

To insure good location and display, advertising copy and cuts should reach us early.

American Florist Co.

440 South Dearborn Street, CHICAGO.

☛ "The Best Selling Medium in the Trade."

POEHLMAN
72-74 E. Randolph St.,

BIG SUPPLY OF
Fancy Red, Pink, White Carnations

Tulips, Fancy Pink, Red and Yellow.

Fancy Sweet Peas and Princess of Wales Violets.

Killarney-Killarney Brilliant-Killarney Queen-Russell-Milady-Sunburst--Aaron Ward--Cattleyas--Valley--Daffodils--Jonquils.

PRICE LIST—Effective March 1.

Orchids.	Per Doz.
Cattleyas	$4.00 and $6.00
Gardenias	6.00

Beauties.	Per Doz.
Specials	$6.00
36-in. long	5.00
30-in. long	4.00
24-in. long	3.00
18 to 20-in	2.00
Short ..... per 100,	8.00 to 10 00

Roses.		Per 100
Hadley		$8.00 to $18.00
Shawyer		8.00 to 18.00
Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen	Ex. long	$12.00
	Long	$ 8.00 to 10.00
	Medium	6.00
	Short	4.00

Roses—Continued.		Per 100
Killarney, White Kill., Aaron Wards	Ex. long	$10.00
	Long	8 00
	Medium	6.00
	Short	$3.00 to 4.00
Russell—Ex. long, 30 to 36 in.		35.00
" Long		20.00 to 25.00
" Medium		15.00 to 18.00
" Short		6.00 to 12.00

Carnations.	Per 100
Split	$2.00
Medium	3.00
Fancy	4.00

Lily of the Valley.	Per 100
Extra Fancy	$4.00
1st Quality	3.00
2nd Quality	2.00

Miscellaneous.	Per 100
Jonquils and Daffodils	$3.
Paper Whites	3.
Sweet Peas	$1.00 to 2.
Freesia	3.
Tulips	3.00 to 4
Easter Lilies	10.
Violets, double	.50 to
Violets, single	
Mexican Ivy	
Smilax ..... per doz., $2.00	
Sprengeri-Asparagus	2.00 to 3
Asparagus Plumosus, string, 50c.	
Leucothoe	1
Adiantum	.75 to 1
Galax, bronze and green	per 1000, 1
Eastern Ferns	" " 2.
Boxwood ..... per bu., 25c,	per case, 7.

SUPPLY DEPARTMENT.

SPECIAL CHIFFON PRICES, 2 inch waterproof, 2 cents per yard; 4 inch plain, 2 cents per yard; 6 inch plain, 3½ cents per yard.

GREEN BAMBOO CANE STAKES

1 foot, per 1000, . .	$1.10	2½ feet, per 1000, . . $3.00	3½ feet, per 1000, . . $4.(
2 feet, per 1000, . .	2.50	3 feet, per 1000, . . 3.50	4 feet, per 1000, . . 5.(

Very slender. Just what you want for Easter plants.

RUBBER HOSE. If you want a good hose try our Roxbro (Noxall). It serves us to goo satisfaction at our greenhouses. ¾ inch, per foot, 18c. Cut and coupled any lengths.

We handle the Goodrich greenhouse hose. Factory prices.

Green Carnation Powder For St. Patrick's Day

Enough to make two quarts of fluid for 50c per package. Order a sample package now.

MANNA GRASS

A product of the Japan Sea that will take the place of sea moss. A beautiful natural gree moss that grows and also retains its color when dried. Also invaluable as an aquarium Gras Sample sent for the asking, $1.00 per lb.; about 50 bunches.

N BROS. CO.

g Distance Phone, Randolph 35. **CHICAGO, ILL.**

WESTERN PALM HEADQUARTERS

rgest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

			Each
pots,	5 to 6 leaves,	18 in. high	$0.35
pots,	6 to 7 leaves,	24 in. high	1.00
pots,	6 to 7 leaves,	28 to 30 in. high	1.50
pots,	6 to 7 leaves,	32 to 34 in. high	2.00
pots,	6 to 7 leaves,	40 to 42 in. high	3.00
tubs,	6 to 7 leaves,	40 in., heavy	3.50
tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

pots,	5 to 6 leaves,	18 to 20 in. high	0.35
pots,	5 to 6 leaves,	28 to 30 in. high	1.00
pots,	5 to 6 leaves	34 to 36 in. high	1.50
tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
pots,	3 plants in a pot,	28 in. high	$1.50
pots,	3 plants in a pot,	36 to 38 in. high	2.50
tubs,	4 plants in a tub,	38 to 40in. high	3.00
tubs,	4 plants in a tub,	38 to 44 in. high	3.50
tubs,	3 plants in a tub,	48 to 54 in. high	5.00
tubs,	4 plants in a tub,	52 to 56 in. high	6.00
tubs,	4 plants in a tub,	5 ft. high	8.00
tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
tubs,	4 plants in a tub,	6 ft. high	12.00

strong specimens in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1.20
7-in. pots	3 plants in a pot	38-40. high	3 55

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 50 cents.

7-in. pots 22-in. high 30-32-in spread.....$2.00
7-in. pots, 26-in. high 34-36-in. spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

5 inch, each	$0.25	per doz	$ 3.00
6 inch, each	.50	per doz	6.00
7 inch, each	.75	per doz	9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties, from 65c to $3.00 each in bloom.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2.50 each.

Cyclamen

In bloom, 5-in. at 35c and 6 in. at 50c each. Mostly light colored.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in , $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants. $1.50 to $2.00 each.

Aspidistras

Green, 5-in. pots, 10-12 leaves, $1.00.
Variegated, 5-in. pots, 10-12 leaves, $1.50.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-in. and 2-in. plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator, Venus, Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale, David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

After March 15 you can get all the Cannas listed above in pots; 3 in., $5.00 per 100; 4-in., $8 per 100.

☞ **Lily of the Valley in Pots.** In bloom, 6 inch, 75 cents each; 25 pips to the pot.

Place your Easter orders early for Pot roses, Lilies, Spireas, Azaleas, Hydrangeas, Bulbous Stock, etc, to avoid disappointment.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

Grafted and Own Root Rose Plants

tern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

ted, 2½-in.	Per 1000	Per 5000
l	$130 00	$600 00
a	130 00	600 00
	120 00	550 00
eo. Shawyer	110 00	500 00
Ward	110 00	500 00
ley	110 00	500 00

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Grafted, 2½-in.	Per 1000	Per 5000
White Killarney	$110 00	$500 00
Killarney Brilliant	110 00	500 00
Richmond	110 00	500 00
Bulgarie or Taft	110 00	500 00
Cecile Brunner	100 00	.....

Own Root, 2½-in.	Per 1000	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00
Aaron Ward	60 00	275 00

Own Root, 2½-in.	Per 1000	Per 5000
Sunburst	$60 00	$275 00
Milady	60 00	275 00
Killarney Brilliant	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

ss Marvella French, late white.....$8 00 per 100; $70 00 per 1000

Miss Pauline Anderson, late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

E—	R. C. per 100	2½-inch per 100	2½-inch per 1000
n's Advance	$2 50	$3 00	$27 00
ber Frost	2 50	3 00	27 00
nia Poehlmann	2 50	3 00	27 00
les Razer	2 50	3 00	27 00
Papworth	2 50	3 00	27 00
. Chadwick	2 50	3 00	27 00
thy Eaton	2 50	3 00	27 00
wood Hall	2 50	3 00	27 00
er	2 50	3 00	27 00
n's Ideal	2 50	3 00	.....
to	2 50	3 00	27 00
Salomon	2 50	3 00	27 00

PINK—	R. C. per 100	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$3 00	$27 00
Enguehard	2 50	3 00	27 00
Maud Dean	2 50	3 00	27 00
R. E. Loeben	2 50	3 00	27 00
Patty	2 50	3 00	27 00
Wells' Late Pink	2 50	3 00	27 00
Chieftain	2 50	3 00	27 00
YELLOW—	R. C. per 100	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$3 00	$27 00
Chrysolora	2 50	3 00	27 00
Bonnaffon	2 50	3 00	27 00

YELLOW—	100	1000	100	1000
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000.
Philadelphia, light pink, $6.00 per 100; $50 00 per 1000. **Winsor,** $20 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Lower Prices on Flowers

Easter Lilies Stems 3 to 4 feet long; very choice flowers, $10.00 per 100, or $1.50 per dozen.

Roses Very choice quality in all lengths of stem. We especially recommend our Shawyer, as at this time of year it is the finest Pink Rose in the market.

Carnations Our big fancy Red Carnation, the **Belle Washburn,** at 4c, is the best buy in the market. It is the American Beauty of the Carnation family. Fancy Pink and White Carnations, 3c to 4c, depending on market conditions.

We handle Bruns' Valley, Jurgens' and Cochrane's Tulips, Daffodils, Narcissus and other bulbous flowers, so have the finest stock coming in this market.

CURRENT PRICE LIST

BEAUTIES.	Per doz.
Specials, stems 48 in. and over	$5 00
36 in. stems	4.00
24 to 30 in. stems	3.00
18 to 24 in. stems	2.00
Shorter lengths	75c to $1.50

Richmond-Killarney Brilliant-Pink and White Killarney.	Per 100
Specials, extra long stems	$10.00
Long	8.00
Medium length stems	6.00
Short length stems	3.00 to 4.00

Rhea Reid-Bulgaria-Sunburst.	Per 100
Specials	$10.00
Long	8.00
Mediums, stems 10 to 15 in	6 00
Shorter stems	4.00

Carnations.	Per 100
Fancy red, very choice	$3.00 to $4.00
Fancy dark pink, very choice	3.00 to 4.00
Fancy white and light pink, very choice	3.00 to 4.00
Easter Lilies	per doz., $1.50 10.00
Lily of the Valley	3.00 to 4.00
Narcissus Paper Whites	2.00
Tulips, single or double	2.00 to 3.00
Jonquils	2.00 to 3.00
Sweet Peas, pink and lavender	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STOCK MORE PLENTIFUL.

There is a great change in the market conditions this week with stock of all kinds more plentiful and prices a great deal lower. The unfavorable weather conditions of the past week had much to do with the present state of affairs and a slump in trade was first noticeable the latter part of last week. Roses are more plentiful with the exception of American Beauties, which are cleaning up well each day. Carnations are more plentiful also and have dropped considerably in price. Tulips, jonquils, freesias and Paper Whites were never so plentiful this season as they are right now and the same holds good for sweet peas, but fancy stock in the latter is holding up well and the extra select are bringing in a few instances as high as $2.00 and $2.50 per 100. Orchids are in good supply also and so are violets, which are selling at very low prices now. Gladioli from the south are still arriving in large shipments, and while they are meeting with good sale, the prices are nothing to speak of. Lilies and lily of the valley are plentiful enough, but gardenias still seem to be on the short side. Greens of all kinds are seen in quantity everywhere and some especially fine ferns and boxwood are being offered now. While stock is plentiful at present and trade is a little slack, business should show some improvement within the next week.

Illinois State Florists' Ass'n
Annual Meeting and Exhibition
To be Held at
Urbana, March 2-3.

NOTES.

On account of the visit of the executive committee of the Society of American Florists, a special meeting and smoker, of the florists' club, Monday, March 1, at the Bismarck hotel, Randolph street and Fifth avenue, at 8 p. m., will take the place of the regular March meeting. Lunch will be served and all members and trade friends are cordially invited to participate and meet the representatives of the national society.

The Easter stock at Vaughan's Greenhouses, Western Springs, is looking particularly well this season, including rambler and hybrid perpetual roses, hydrangeas, azaleas, etc. Some fancy hyacinths and tulips are shown in pans and pots, and Boston ferns and other decorative plants are offered in fine condition and variety.

The J. D. Thompson Carnation Co., of Joliet, has leased the Higinbotham Greenhouses, consisting of 125,000 feet of glass, which are only a short distance from its own plant, for a term of years at a yearly rental of $4,000, and will take possession in the near future.

Irwin Thurman, who has a well established store business at 4246 Indiana avenue, is compelled to give up on account of ill health. He will sell at a low price in order to leave for a more genial climate as early as possible.

Bassett & Washburn have given the contract for five new houses, each 28x300 feet, to the Foley Greenhouse Mfg. Co.

George Fischer won the gold watch that Edw. Dzubinske, and employe in the local market, raffled off this week.

PETER REINBERG

30 East Randolph St.. LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

Beauties--Roses Carnations--Sweet Peas

If you want the best there is to be had in Beauties, Roses, Carnations and Sweet Peas, at the most reasonable prices, place your order with us. Over 2,000,000 feet of our own glass enables us to supply you all.

Current Price List.

AMERICAN BEAUTIES	Per doz.
Extra fancy	$5 00
30-36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.	Per 100
Specials	$10 00
Select	8 00
Medium	$5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward	Specials	$10 00
	Select	8 00
	Medium	6 00
	Short	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short	75 to 1 00
Roses, our selection, per 100		4 00

	Per 100
Carnations, fancy	$2 00 to $3 00
Sweet Peas	1 00 to 1 50
Harrisii..per doz., $1 50 to $2 00	
Valley	3 00 to 4 00
Violets	75 to 1 00
Smilax.....per doz., $2 00	
Adiantum	1 00
Asparagus, per bunch..50 to 75c	
Ferns, per 1000	$2 50
Boxwood, per bunch	25c
Galax, bronze and green, per 1000	$1 00
Leucothoe Sprays, per 100	75c to 1 00

A. T. Pyfer and Peter Olsem have arranged to take over the local wholesale store and business of the Chicago Carnation Co., on March 1, when the firm name will be changed to Pyfer & Olsem, or some other to be decided upon later. H. N. Higinbotham, the proprietor, has decided to retire from the florist business and has rented his greenhouses to the J. D. Thompson Carnation Co. and made satisfactory arrangements with Pyfer & Olsem to take over the wholesale store at 30 East Randolph street, as mentioned above. Neither Mr. Pyfer nor Mr. Olsem need any introduction to the trade, for the former has been manager of the Chicago Carnation Co. for a long time and Peter Olsem was formerly superintendent of the Chicago Carnation Co.'s greenhouses. The loss of the stock from the Highinbotham greenhouses will of course naturally be felt, but not to any great extent, for several large growers are now shipping their output to this store and they now have the cuts from their own large range at Wilmette. Further interesting information regarding the change will be published in THE AMERICAN FLORIST next week or the week after.

George Wienhoeber had about as pretty a window display for Washington's birthday as one ever had the pleasure to see. A large seven foot wreath of gold magnolia leaves circling a marble bust of the first president and draped with American flags furnished the background, while the window itself was neatly arranged with choice cut flowers with a cherry tree and hatchet scattered here and there. Several magnificent orchid plants in bloom helped considerably to make the window a most beautiful sight.

The Des Plaines Floral Co. is shipping some very choice carnations to the Chicago Carnation Co.'s store, where they are always in good demand.

John Poehlmann and wife spent Sunday, February 21, with their son John, Jr., at Culver, Ind., where he is a student at the Culver Military Academy.

Bob Newcomb, well known representative of Vaughan's Seed Store, and San Francisco booster, is now in that city aiding the local members of the craft in their preparations for the reception of the Society of American Florists next August.

H. E. Philpott of Winnipeg is here on important business this week.

THE OPEN DOOR TO GREATER PROFITS

THE OPEN DOOR TO GREATER PROFITS

H. VAN GELDER, Pres. L. M. JONES, Sec'y.

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

30 East Randolph Street

CHICAGO

THE OPEN DOOR TO GREATER PROFITS

THE OPEN DOOR TO GREATER PROFITS

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

Large Supply of Exceptionally Fine Stock. Prices Right.

CARNATIONS

Beauties-Roses

The A. L. Randall Co. has rented the entire second floor of the new eight-story LeMoyne building at the southwest corner of Lake street and North Wabash avenue for 10 years, and will take possession about April 1. The entire floor space consists of about 20,000 square feet and it is rumored that the lease was signed at a rental in the neighborhood of 75 cents per square foot. The new store will be used for the offices and salesrooms and will be equipped with all new fixtures, etc.

Guy W. French and Richard Salms will personally take charge of the range of 70,000 feet of glass at Union Grove, Wis.. that they recently rented from the Union Grove Greenhouse Co. and will hereafter conduct their business under the firm name of French & Salms. They will grow Mrs. Chas. Russell roses exclusively as was mentioned in THE AMERICAN FLORIST some time ago and have placed the order for 33,000 plants of this variety with Poehlmann Bros. Co.

Kennicott Bros. Co. is already starting to talk peonies and will handle a larger supply this year than ever before. R. E. Kennicott, who has a large peony farm at Carbondale, was seen at the store this week, and while it is early to talk about the crop conditions, it would not be at all surprising if his cuts will be larger this year than they were last, for he had a heavy drought to contend with then. The peony season is only about three months away.

H. C. Wullbrandt of the Globe Greenhouses, and wife will leave in a few months on an extended visit in California, where they will take in the sights at the Panama-Pacific Exposition at San Francisco. They will visit all the other large cities in the Golden State and in the west either going or returning, and expect to be away for several months.

A surprise party was given in honor of George Anderson at his home in Morton Grove, Monday, February 22, when a large crowd of young people enjoyed themselves to their heart's content. George is a son of C. G. Anderson, foreman of Poehlmann Bros. Co.'s plant department and holds a position as cashier at the firm's city store.

Schiller's North Side store is showing sweet peas in bloom in pots, which are attracting considerable attention. The plants came from Poehlmann Bros. Co.'s greenhouses at Morton Grove, where they were permitted to attain their full height; then the stems were wound around the stakes set in the pots.

Peter Reinberg is changing the overhead heating system in his American Beauty rose range now and expects to get better results after the new system is installed. Miss McNulty, Felix Reichling and Peter Bowman of the store force took in the sights at the greenhouses on Sunday, February 21.

MR. GROWER!

Send us samples of what you have to offer in Easter Lilies as early as possible for we are in the market for Pot Lilies for Easter in quantities of 50,000 or more. Submit samples as early as possible.

RETAIL FLORISTS' ASSOCIATION

(GEORGE STOLLERY, President)

1046 Wilson Avenue, **CHICAGO**

L. D. Phone—Edgewater, 1352.

The E. C. Amling Co. has not yet secured any permanent quarters and will occupy the store it is now doing business in at 166 North Michigan avenue for several months yet at least. Several places are being considered and a selection will probably be made in the near future.

A. Lange continues to feature the pretty little roses Cecile Brunner and George Elgar in his window displays at his Madison street store. These roses always have a good call at this busy establishment and are becoming more and more popular each day.

Nick Speropoulos, proprietor of the Wabash Flower Market, has opened a new store at 106 South Wabash avenue, where the Williams Flower Shop was formerly located. His old store, a few doors south, will be discontinued.

Wietor Bros. are supplying their trade with choice stock in roses, carnations and American Beauties. N. J. Wietor reports a brisk demand for carnation cuttings and nearly every mail at this house brings in new orders.

F. R. Robinson, with Robinson & Gundecker, New Hampton, Ia., was in the city this week, when he placed an order with The Foley Manufacturing Co. for two new houses, one 27x100 and the other 28x130 feet.

Zech & Mann are featuring fancy sweet peas and freezias in large supply and are having a heavy call for same. Roses and carnations are seen in quantity at this establishment also.

Wm. F. Schofield has had several very pretty window displays at his North State street store of late, and it seems as if Henry Dunn is responsible for the arrangement of them.

Max Schmidl, who is conducting a store at 10108 Ewing avenue, has bought out Ignatius G. Stahl, 2534 East Ninety-first street, and will operate both places in the future.

USE Budlong's Blue Ribbon Valley.

John A. Evans of the John A. Evans Co., Richmond, Ind., is still calling on the growers in this vicinity. He had a new detachable pipe hanger with him that looks very promising.

J. A. Schmidt has been well pleased with the business that he has enjoyed since he moved into his new store in Wentworth avenue. almost directly opposite his old location.

Percy Jones is strong in green goods of all kinds and is supplying his customers with choice stock in this line, especially fancy ferns, of which he has a mammoth supply.

M. Lehman, formerly with Hoyt Bros. Co., Spokane, Wash., has accepted a position as salesman and designer at George Perdikas' South Wabash avenue store.

A. L. Glaser, of Dubuque, Ia., called on his many friends in the trade here this week. He is a large buyer in the local market, which brings him to this city quite often.

U. L. Crawford, of Des Moines, Ia., was in the city this week buying supplies for the new store that he will open in the Shops building there.

The A. F. Amling Co. of Maywood will grow the new rose Mrs. Chas. Russell quite heavily next season.

The Clark Floral Co. will open a new store at Crawford avenue and Madison street in the near future.

A. E. Hunt & Co., of Evanston, cut their first sweet peas this week and it was very fine stock, too.

EXCEPTIONALLY FINE

AMERICAN BEAUTIES

Headquarters for the finest Beauties now obtainable. Try us on your next order and you will be surprised what splendid flowers you will receive for the money.

Roses, Carnations, Violets, Lilies, Sweet Peas, Valley, Tulips, Paper Whites, Romans, Jonquils, Freesias, Orchids, Etc.

Current Price List.

Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
Long stems	$4 00 to $5 00
36-inch stems	3 50
24 to 30-inch stems.	3 00
20-inch stems	2 50
18-inch stems	2 00
12 to 15-inch stems.	1 00 to 1 50
	Per 100
Richmond, Specials	$10 00 to $12 00
Medium	6 00 to 8 00
Short	4 00
ROSES, our selection.	4 00

		Per 100
W. Killarney	Fancy..	$10 00
Killarney, **" Brilliant**, **Ward**, **Sunburst**	Med....	$6 00 to 8 00
	Short..	4 00
Carnations, common..		2 00 to 3 00
Fancy		4 00
Splits		1 50
Valley		3 00 to 4 00
Violets (double)		50 to 75
Violets (single)		50 to 75
Jonquils		3 00 to 4 00
Gladioli		6 00 to 8 00
Freesia (choice white)		3 00 to 4 00

	Per 100
Paper Whites	$3 00 to $4 00
Romans	3 00 to 4 00
Lilies per doz.,	1 50 to 2 00
Callas per doz.,	1 50 to 2 00
Sweet Peas	75 to 2 00
Smilax per doz.,	2 00
Adiantum	1 00
Asparagus Strings, ea.,	75
Asp. Plumosus bunch,	35 to 50
Fancy Ferns. per 1000,	2 50
Wild Smilax..per case,	5 00
Boxwood...per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays	75
Mexican Ivy	75

A. L. VAUGHAN & CO.,

161 N. Wabash Ave., (NOT INC.) TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

C. L. Washburn of Bassett & Washburn will celebrate his fifty-seventh birthday on Saturday, February 27, which has always been a big day with the employes at the store in former years. This year there will be no celebration for Mr. and Mrs. Washburn will leave on that day for a short visit with friends at Milwaukee, Wis. Mr. Washburn started to work when he was 14 years old and has had a very successful business career, especially since he entered the wholesale business 28 years ago. He is to be found on duty nearly every day at the store and his steady attention to business has had much to do with the building up of the well known firm of Bassett & Washburn, which will celebrate its twenty-third anniversary on March 1.

Poehlmann Bros. Co. is filling a large number of orders for grafted and own root rose plants, carnation cuttings and chrysanthemum plants and cuttings, at its Morton Grove greenhouses every day and the demand is increasing right along. At the store a fine line of roses, carnations and other cut flowers are seen and in the supply department the demand is very heavy now for green carnation powder for St. Patrick's day and for manna grass, which is selling like hot cakes. A sample of the manna grass can be had for the asking and practically every sample that has been sent out so far has brought in an order.

D. Andrew Papatony, proprietor of the Briggs Floral Co., 226 West Madison street, is now conducting the store known as the Briggs House Florist, formerly owned by Trefon Argeson and located at 157 North Fifth avenue. Mr. Papatony took charge February 20, when the firm name was changed to the Briggs Floral Co.

John G. Witt & Son, who are doing business under the firm name of Fernwood Park Florist at 10423 Wallace street, expect to enlarge their establishment in the near future.

John Kruchten will have 35,000 lily plants to offer for Easter, which is the largest quantity that he ever had to handle.

FANCY FERNS

$2.50 per 1000

Extra fine stock. Write, phone or wire for a sample shipment today.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Avenue, **Chicago**

L. D. Phone Randolph 5449.

EVERYTHING

Cut Flowers AND Greens

Send all your orders where they will receive the proper attention.

THE NEW LIVE WIRE.

FRANK FLORAL CO.

Wholesale Florists, **179-181-183 Wabash Ave., CHICAGO.**

Sidney Buchbinder says that Buchbinder Bros. sold seven florist's refrigerators in one day last week. They will be delivered to U. L. Crawford, Des Moines, Ia.; J. W. Stokes, Springfield, Mo.; American Seed Co., Ottumwa, Ia.; Tim Matchem, East Chicago, The Fair and A. Steffelter, 4916 South Ashland avenue.

A. L. Vaughan & Co.'s sales were exactly the same to the penny on February 17 as they were the day previous. This does not happen very often in the wholesale market, especially when both a large local and shipping trade are being done.

Visitors: Samuel Seligman, representing Wertheimer Bros. Co., New York; F. R. Robinson, with Robinson & Gundecker, New Hampton, Ia.; A. L. Claser, Dubuque, Ia.; Wm. F. Heckenkamp, Jr., Quincy; Mrs. Smely, Aurora; A. N. Pierson, Cromwell, Conn.; H. E. Philpott, Winnipeg, Can.

St. Louis.

The past week ushered in the Lenten period. With the exception of violets prices held up well. Carnations were not over plentiful and American Beauty roses were selling at moderate prices. Ferns are also plentiful.

NOTES.

F. J. Hermann and wife's store, on Page and Taylor streets, is building up a nice trade. They did good business for Valentine's day and expect to be well established for Easter.

Alphonse Artmann, designer at the North End store of the Mullanphy Florists, had a beautiful window decoration for Washington's birthday.

Scruggs, Vandervoort & Barney, Grimm & Gorly and Foster the Florist, had sales of violets at 10 cents per bunch.

The Retail Florists' Association had a meeting February 15. A banquet will be given at the Washington hotel March 8.

Young & Sons are out with their anniversary garden book, containing a portrait of the late Christopher Young.

George Wagner, of Grimm & Gorly, left for Chicago to look after Easter novelties for the store.

Geo. H. Angermueller is busy with Easter novelties. He expects a full line in all of these.

Windler Wholesale Floral Co. had a great assortment of sweet peas.

W. F.

Cincinnati.

BUSINESS IS NORMAL.

The supply of stock is much more liberal than it has been for several weeks. The increase came with the first of last week. Business the first few days of Lent was very slow, but since then trade is back again to a normal point and is good. Shipping business is very good. Roses are more plentiful than they were and continue to meet with the same good market. The carnation cut, too, has increased in size and also continues to meet with a good call. Lilies are becoming very plentiful and the same is true of callas and auratums. The cut of bulbous stock, including tulips, Dutch hyacinths, jonquils and daffodils, is much larger than it was, and meets with a fair market. Paper White narcissi and Roman hyacinths are on the wane. Sweet peas are very plentiful and are among the best sellers. Other offerings are violets, lily of the valley, orchids, primroses, forget-me-nots and mignonette. The supply of green goods is ample.

NOTES.

Fred Lautenschlager of Kroeschell Bros. Co., Chicago, was a visitor last week. He sold John Evers of Winton Place a No. 12 Kroeschell hot water boiler and Edw. Evers of the same place a No. 9 Kroeschell hot water boiler. He also booked Chas. Kroeger's order for a No. 12 Kroeschell hot water boiler.

EASTER BASKETS

Large stock of all the latest styles for both cut flowers and plants.

PLANT BASKETS

Everything you need for all the Easter Plants, such as Lilies, Azaleas, spring stock, etc.

CUT FLOWER BASKETS

Very pretty Sunray Green and Sunray Yellow effect for both cut flowers and plants. The latter is what you want to use with Jonquils, for the combination is a winner and is proving to be a rapid seller. Write for our latest catalog.

Raedlein Basket Co.

713 Milwaukee Ave., Chicago.

TO REACH OUR STORE take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

P. J. Olinger and wife have had as their house guest for the past few weeks Mrs. Olinger's brother-in-law and sister, F. Funk and wife, of Esmerado, N. D.

Fred Brueggemann is being duly congratulated upon the recent arrival of a baby daughter at his house.

The E. G. Hill Floral Co. arranged a large wedding decoration at the Hotel Gibson the first of this week.

C. E. Critchell has been having many fine sweet peas.

Visitors: Fred Lautenschlager, representing Kroeschell Bros. Co., Chicago; Robert M. Rahaley, of the Michigan Cut Flower Exchange, Detroit, Mich.; Charles Pommert, Amelia, O.; J. T. Herdigen, Aurora, Ind.; Fred Rupp, Lawrenceberg, Ind.; Wm. Lodder, Hamilton, Ohio, and Jos. Hill and wife, Richmond, Ind.

H.

Montreal.

TRADE SHOWS GENERAL IMPROVEMENT.

Trade for St. Valentine's day proved to be a taste of old times. The retailers always alive, had amply provided and fully advertised by window display and in the daily press, and the result fully justified the effort. Violets sold well and when exhausted, anything else went, but cut flowers were preferred over plants. Trade in general has improved the last two weeks, several reports of being sold out Saturday night are made and the sale for bulbous pot plants is quite remarkable. Funeral work is still the best paying item of the present trade.

NOTES.

The Montreal Horticultural Society held its annual meeting last week and the reports read by the secretary and treasurer showed the society in prosperous condition. There was a large attendance, also some associate members. The president, board of directors and executive committee were re-elected, A. J. Bowles continuing as secretary and treasurer.

The Montreal Gardeners' and Florists' Club held a social euchre, February 15. The prizes will be distributed Monday, March 1. W. R. Whiting exhibited a specimen cyclamen and two Primula stellata, which were highly commended.

John Henderson, superintendent of Mount Royal park, is ready to leave the Royal Victoria hospital, where he was taken with a bably fractured leg.

Harry McKenna, secretary of the Montreal Floral Exchange, is down with appendicitis. An operation has been performed, and he is doing nicely.

Frank McKenna, of McKenna, Ltd., and president of the Montreal Floral Exchange, is still at the Hotel Dieu hospital, with a broken leg.

Van Zonneveld and A. J. Ploeger, two Hollanders, called on the local trade last week. They stated that the usual orders are booked.

H. B. Cowan, president of the Canadian Horticultural Association, paid a flying visit to town attending a convention.

L.

USE **Budlong's** Blue Ribbon Valley.

ERNE & KLINGEL

BEST GREEN CARNATION DYE for St. Patrick's Day, 50c and $1.00 per package.

30 East Randolph St., WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

Flower Growers Corporation

Wholesale Only. Consignments Solicited.

118 Broadway, DETROIT, MICH.

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

A. L. Randall Co.,

RANDO BRAND 177 N. Michigan Av. CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

KENNICOTT BROS. CO.

Wholesale Commission Florists
Wire Designs and Supplies.

CHICAGO

Chicago Bowling.

The florists played a match game with a picked team representing Maywood at Bensinger's West Randolph street alleys with the result as follows:

Florists.	1st	2d	3d	Maywood.	1st	2d	3d
J. H'b'n'r.	170	140	156	Schuett	204	154	213
A. H'b'n'r.	154	170	186	Bennett	181	154	164
A. Zech	148	157	152	Guenther	144	156	175
Price	192	163	158	Amling	182	180	171
Olsem	174	206	156	Wilder	212	173	169
Totals	838	836	808	Totals	923	817	892

On Sunday afternoon, February 21, the same five defeated a team representing Joliet at the same alleys. The scores are as follows:

Florists.	1st	2d	3d	Joliet.	1st	2d	3d
J. H'b'n'r.	191	156	158	Ochs	166	158	125
A. Zech	125	143	188	Anderson	167	125	147
A. H'b'n'r.	188	138	219	Merritt	142	140	126
F. Price	174	201	211	Cross	185	180	194
P. Olsem	158	158	169	Dosey	183	151	133
Totals	836	796	945	Totals	843	754	725

NORTH CHICAGO LEAGUE SCORES.

J. Huebner	172	193	245
Lorman	187	164	170
Zech	167	142	206
Price	189	166	154
Olsem	165	193	207
Totals	891	858	979

Wholesale Flower Markets

Current Price List	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in.	5 00
" " 30-in.	4 00
" " 24 in.	3 00
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	4 00
Carnations	1 50@ 4 00
Cattleyas...per doz.	4 00 to 6 00
Freesias	3 00@4 00
Gladiolui (Southern)	6 00
Gardenias ...$6.00 per doz.	
Lilium Harrisii	12 50@15 00
Paper Whites	3 00
Romans	3 00
Stevia	1 50@ 2 00
Sweet Peas	1 00@ 2 00
Tulips	4 00
Valley	3 00@ 4 00
Violets	75@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns	2 50
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

166 N. Michigan Avenue
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

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Wholesale Florists

30 East Randolph St., - - Chicago

Telephone, Central 328

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS
Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

USE Budlong's Blue Ribbon Valley.

Trade Directory

Price $3.00 Postpaid.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

LENTEN LULL ARRIVES.

The busy days of last week have been followed by a lull, the advent of the season of "sackcloth and ashes" seeming to have called a halt for a time. Stock is becoming much more plentiful, with a general shading of prices. Roses, with the exception of the American Beauty, which is still shy, are in good supply and the quality is fine, with color much improved as the stocks increase, it will be seen whether the new comers can hold their own in the keen competition of an overloaded market. Some few fine Hadley are seen; if a profitable rose from a grower's standpoint, it will surely become a leader in its section. Carna-

PHILADELPHIA SPRING SHOW
MARCH 23-25.

tions are a trifle more in evidence. They were choice stock last week. Daffodils are having a good run, being very popular with flower buyers. Snapdragon is more plentiful and will soon be seen in all colors. Violets, while fine, seem to hang a trifle. There is lily of the valley in any quantity. Cattleyas move slowly; they are sold very low in quantity lots. Gardenias find a fairly good sale, the lower grades, however, ruling very low.

NOTES.

Through the auspices of the Pennock-Meehan Co., the flower growers and dealers of this city were taken last Thursday to hear Billy Sunday, who is holding revival meetings in this city. There were about 250 in the party. A very favorable section of seats had been reserved by William Graham, who is active in the work. A stunning basket of flowers in their name decorated the platform. The occasion was most inspiring. Billy Sunday is a wonderful man, thrilling multitudes of from 15,000 to 20,000 people, twice a day.

H. A. Dreer is having a run on young florist's stock for growing on. Many of the New York growers obtain their supply from Riverton. The large auto trucks now make all day journeys, this delivery proving more satisfactory in every way than express or freight.

Pennock Brothers' window contained a rose show the past week. There were vases of all the roses now in the market, some 18 varieties tastefully arranged in vases, with background of rich velvets. All the varieties were carefully labeled. It attracted great attention.

Chas. F. Edgar, who has tried all branches of the business, has settled on the retail branch as the real thing, and is to be found hustling and proving out his theories at 5037 Baltimore avenue, one of the business centers of this large residence district. Success to him.

The second social night on February 15 at the club was well attended, many members being present to take part in the games. This move of President Burton is a happy thought, and will help to make his administration a great success.

The Leo Niessen Co. now offer American Beauties—they are leaders

Wholesale Flower Markets

BOSTON, Feb. 24.	Per 100
Roses, Beauty	5 00@35 00
" Killarney Queen	2 50@ 8 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 6 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	75@ 1 00
" medium	50@ 75
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, Feb. 24.	
Roses, Beauty, special, doz.,	6 00
" " fancy, "	4 00
" " extra "	3 00
" " No. 1, "	2 00
	Per 100
" " No. 2	4 00@ 6 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Hillingdon	2 00@ 5 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 6 00
" Taft	4 00@10 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Freesia	3 00@ 4 00
Mignonette	4 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Tulips	2 00@ 3 00
Asparagus Sprengeri	35@ 50
Ferns, per 1000	2 00
Smilax	15 00

CINCINNATI, Feb. 24.	
Roses, Beauty, per doz.	$1 00@$4 00
	Per 100
" Killarney	4 00@ 8 00
" My Maryland	4 00@ 8 00
" Richmond	4 00@ 8 00
" Taft	4 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	10 00@15 00
Asparagus Plumosus, per bch., 25c	
Carnations	4 00
Hyacinths	3 00@ 5 00
Orchids, per doz.	3 00@ 3 50
Violets	35@ 75
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	3 00@ 4 00
Rubrum Lilies	4 00@ 8 00
Tulips	3 00

ST. LOUIS, Feb. 24.	Per 100
Roses, Beauty, medium	8 00@12 50
" " short stems	4 00@ 6 00
" Killarney	4 00@10 00
" White Killarney	6 00@10 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	4 00
Carnations	2 50@ 4 00
Orchids	35 00@50 00
Rubrum	8 00
Violets	40@ 60
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	12 50
Jonquils	4 00
Tulips	3 00@ 4 00
Sweet Peas	50@ 1 50
Callas	8c@12½c
Acacia, per bu.,	$2 50@$3 00
Ferns, per 1000,	2 00
Leucothoe, per 100,	60
Galax, per 1000,	1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

USE **Budlong's** Blue Ribbon Valley.

in the country for this grand rose. Carnations and lily of the valley are also features.

The M. Rice Co. are making a great bid for the Easter trade. Their Easter folder, just out, is a beautifully illustrative price list, full of new things.

At Berger Brothers' Central Market, spring flowers are a feature. Sweet peas and extra fine lily of the valley are leaders.

Choice specials of the newer sorts of roses were a feature with Edward Reid the past week.

K.

Cleveland.

DEMAND CLEANS UP MARKET.

The demand for stock is keeping up remarkably well; and while stock is a little more plentiful in some lines, especially bulbous flowers, the market is pretty well cleaned up on all the other lines, particularly in carnations, and roses, such as Killarney, both pink and white, Aaron Ward, and American Beauties. Richmond roses are coming only in shorter grades now. Sweet peas are becoming more plentiful and a few pansies arrive. Snapdragon,

C. C. POLLWORTH CO.
Everything in the line of Cut Flowers, Plants and Florists' Supplies.
MILWAUKEE, WIS.

HOLTON & HUNKEL CO.
462 Milwaukee St., MILWAUKEE, WIS.
Wholesalers and Growers of
Choice Cut Flowers and Greens

Florists' Greening Pins
No florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins.)
Price, per box, $1.50; 5 boxes for $7.00.
GEO. H. ANGERMUELLER
Wholesale Florist, 1324 Pine St., St. Louis, Mo.

WM. C. SMITH
Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

WINDLER
WHOLESALE FLORAL CO.
1310 Pine St. ST. LOUIS MO.
Central 1474 Olive

GUST. RUSCH & CO.
Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

mignonette, calendula and freesia are in good demand, with a fair supply. Callas can now be had in almost any quantity. Easter lilies are scarce. Good lily of the valley is not overplentiful. A fine line of Lorraine tulips, besides red and yellow, arrive daily and form the bulk of the stock. Paper White narcissi and daffodils, both single and double are also in good supply. Greens of all kinds are plentiful, and boxwood wreaths are being used freely. Swainsonas and Roman hyacinths also arrive in limited quantities.

NOTES.

The Women's Florist Club will forward about $100 for the benefit of the wives and children of horticulturists in Europe, which is about the sum realized at their card party, which was held at the assembly room of the Hollenden hotel, Thursday, February 18. The large assembly room was fragrant with the odor of flowers, American Beauty roses being used with ferns and palms. The first prize was a large bunch of American Beauties, the second prize a bouquet of assorted flowers. "This is our first work for charity as a club," said Mrs. Geo. W. Smith, president of the Women's Florist Club, "and naturally we chose a group of people with whom our sympathies might be closely allied in our attempt to be of service." The money will be turned over to the Committee of Mercy of New York, which committee will use its discretion in the selection of the country to receive the contribution. The estimate the committee makes is that $1.00 will feed sixteen people for a day, at the rate they are supplying them, and so this money will save some of our friends over there from starving. Among the club members who were most active in planning and carrying out the card party were: Mrs. Geo. W. Smith, Mrs. Tim Smith, Mrs. J. M. Gasser, Mrs. Herman Knoble, Mrs. Clarence Meyers, Mrs. F. C. Bartels, Mrs. Frank Friedley, Mrs. Edward A. Wilhelmy, Mrs. Carl Hagenberger of Painesville, Ohio, Mrs. Walter Priest, Miss Elsie Swinton and Miss Ruthe Mercer. Mrs. Geo. Schultz assisted the club.

C. F. B.

Wholesale Flower Markets

PHILADELPHIA, Feb. 24.	Per 100
Roses, Beauty, extra	60 00@75 00
" " first	15 00@25 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 2 00
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, Feb. 24.	Per 100
Roses, Beauty, special	75 00
" " fancy	60 00
" " extra	30 00
" " No. 1	15 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00@ 3 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75@ 1 00
Violets	1 00
White Lilac, per bunch,	75
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch.	35@40

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Wholesale Florists and Florists' Supplies
We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.
Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.
Mention the American Florist when writing.

MILWAUKEE, Feb. 24.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 4 00
Lilies, per doz., $1.50	
Snapdragon, per bunch, 25c @50c	
Sweet Peas	75@ 2 00
Valley	2 00@ 4 00
Violets	50@ 1 00
Tulips, Freesia	2 00@ 3 00
Daffodils, Trumpets	3 00
Romans, Paper Whites	2 00@ 3 00

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C. S. & Co.
NEW YORK

JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00

Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00. Lilium Multiflorum, 7/9-in., case of 300 bulbs, $16.50. Lilium Giganteum, 7/9-in., case of 300 bulbs, $16.50.

CHAS. SCHWAKE & CO., Inc.. 90-92 West Broadway, NEW YORK

New York.

BUSINESS NOT AFFECTED BY LENT.

Considering that we are in Lent, business seems to be surprisingly good. In roses, there is no strong demand for American Beauties, but in special stock of tea roses, there is no surplus and prices remain firm. The No. 1 and No. 2 are moving freely. In orchids, there is no advance worthy of note. The average is from 10 cents to 25 cents per flower. There is no surplus of carnations and they are wholesaling at from $2 to $4 per 100, depending on quality. In lilies and

NEW YORK SPRING SHOW
MARCH 17-23.

lily of the valley there is little change from our quotations of last week. Bulbous stock, including yellow narcissi, tulips and freesias is very plentiful and selling cheap. It is almost impossible to quote prices on violets. One day they are up and the next day down. Gardenias run along at from $1 to $3 per dozen, depending on quality. The general outlook seems reassuring, regardless of what the "knockers" say.

February 24.—The market opened very slow; particularly is this true of bulbous stock, carnations and violets. Carnations are offered at $1 to $2 per hundred, while violets range in price from 10 cents to 35 cents.

NOTES.

Large posters are now out advertising the flower show. They look rather bizarre and georgeous to the writer of these notes, but, as the good man said, when he kissed his cow, "every man to his taste."

The final schedule of the spring flower show will be out this week. For additional blanks apply to John Young, 53 West 28th street, this city.

F. R. Pierson is keeping all hands on the jump working up the final details for the flower show.

Alexander McConnell is mailing his patrons a very attractive Dickens calendar.

The flower show committee met at the Grand Central Palace February 20.

Visitors: P. Welch, president, Society American Florists; Sidney Hoffman and Wm. J. Stewart, Boston, Mass.; C. P. Dudley, Parkersburg, W. Va.; Louis J. Reuter, Westerly, R. I.

The scores of the New York Florists' Bowling Club, Thursday, February 18, were as follows:

J. Miesem	191	180
P. Jacobson	173	154
W. H. Siebrecht	152	159
W. P. Ford	162	201
C. W. Scott	161	156
H. C. Riedel	155	173
J. Fenrich	176	179
A. Schanzer	107	121
B. Schleissenger		181
P. Meconi	163	171

A. F. F.

Lancaster County Florists' Club.

Fifteen seemed a small crowd for us to have on a visiting trip, but weather conditions have considerable to do with this club, as quite a few of us are dependent upon ourselves for the care of our greenhouses, and they are of course the first consideration.

Manheim, and the Hostetters, was the objective point, and in a general way the three places, all owned by Hostetters, were in good shape and the stock looking like a money making proposition. Sweet peas, of the Spencer type, planted alongside of the older sorts, demonstrated the paying qualities of the Spencers better than a day's argument could have done. At E. P. Hostetter's range many had four perfect flowers to a stem and stems fifteen inches long. He also had white and yellow snapdragons, of exhibition quality, Primula Forbesii by the thousand for cuttings, four large houses planted to Sprengeri and plumosus for cuttings, double sweet alyssum wherever there was room to plant it, and carnations—house after house of them. He is very favorably impressed with Matchless, and has quite a large planting of Gorgeous and Philadelphia, both of which are giving satisfactory results. Victory for a red, and Dorner's Winona for a pink, are grown here in quantity and considered good money makers.

The meeting was started promptly at 7:30 p. m. and a grand exhibition of cut flowers staged. A. Guttman sent Laura Weber and Peace, both attracting favorable attention, but the white, Peace, seemed to be the one to receive the most honors. F. Dorner & Sons Co., LaFayette, Ind., sent Pink Sensation and Good Cheer. Pink Sensation was at once declared to be head and shoulders over all others. S. S. Pennock-Meehan Co., Philadelphia, Pa., sent Akehurst in good shape, and a very good looking red from C. H. Frey of Lincoln, Neb. The latter certainly has some keeping qualities to be sent to Philadelphia, reshipped to Lancaster, and make a good showing. Peter Fisher, Ellis, Mass., sent Alice, and it came through in fine form. E. Winkler, of Wakefield, Mass., sent Morning Glow, which looks as if it might be a productive variety.

Among the local growers Ira Landis, of Paradise, Pa., had a fine vase of Benora, one of Princess Dagmar and Yellow Prince; also an exceptionally fine lot of Freesia Purity. Willis Girvin, of Leola, had Gloriosa, Matchless and Mrs. C. W. Ward. Elmer Weaver, of Ronks, had a vase of his white seedling, which is considered a good one by our growers here. H. D. Rohrer had a vase of his scarlet, and Amos Rohrer of Strasburg exhibited a vase of White Wonder. The paper of the evening was a resume of the Buffalo convention by Albert M. Herr and brought out quite an interesting discussion.

The visiting committee has outlined a trip to take in E. A. Stroud's at Strafford, the houses at North Wales, Heacock's and the Weiss establishment at Hatboro, returning to Philadelphia in time for the meeting of the Philadelphia club March 2. March 13 a trip will be made to Christiana, leaving Lancaster at 12:15 noon, and stopping at the places en route on the return trip home. April 15 will be observed as ladies' night and March 18 Charles H. Grakelow, of Philadelphia, has consented to give us one of his inimitable talks on the business.

ALBERT M. HERR.

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JOHN YOUNG
Wholesale Commission Florist
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WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Horticultural Society of New York.

An exhibition of plants and flowers was held Wednesday, February 17, at the American Museum of Natural History. Unusually fine displays of cut orchid blooms were made by Clement Moore, Hackensack, N. J., and by Lager & Hurrell, Summit, N. J. The exhibit made by Mr. Moore was very rich in cattleya forms, one of the most interesting being a cross made and reared by himself from Cattleya Dowiana and C. Schroederiana. The display of Lager & Hurrell was rich in genera and species. Much interest was added to the exhibit by the numerous displays of plants and flowers for which no premiums had been provided in the schedule. Special prizes were awarded to many of these. Among the exhibitors who were awarded premiums were the following: Lager & Hurrell, Summit, N. J.; Bobbink & Atkins, Rutherford, N. J.; Clement Moore, Hackensack, N. J.; P. W. Popp, Mamaroneck, N. Y.; G. D. Barron, Rye, N. Y.; Harry Goldman, Deal Beach, N. J.; Mrs. F. A. Constable, Mamaroneck, N. Y.; Ernest Iselin, New Rochelle, N. Y. and Mrs. A. J. Moulton, West Orange, N. J.

A business meeting of the society took place at 3:45, followed at 4 by an illustrated lecture by W. C. McCollom on "The Small Greenhouse:

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Established 1878
108 West 28th Street
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Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
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Grower of
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VIOLETS
Best stock. Prompt service.
Reasonable prices.
Send your orders.
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All the NEW ROSES, CARNATIONS and Seasonable Flowers.
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Wholesale Flower Markets

	New York, Feb. 24.	Per 100
Roses, Beauty, special		30 00@40 00
" " extra and fancy		20 00@30 00
" " No. 1 and No. 2		10 00@20 00
" Alice Stanley		6 00@12 00
" Prince d'Arenberg, special		12 00@15 00
" Francis Scott Key, special		12 00@15 00
" Mrs. Geo. Shawyer, special		12 00
" " extra		4 00@ 8 00
" " No. 1 & No. 2		3 00@ 4 00
" White Killarney, special		6 00@10 00
" Killarney, My Maryland... special		10 00@12 00
" " No. 1 and No. 2		4 00@ 6 00
" " Queen, special		10 00@12 00
" " Brilliant		3 00@12 00
" Aaron Ward		3 00@10 00
" Richmond, special		8 00@12 00
" Sunburst		3 00@12 00
" Taft		3 00@12 00
" Milady, special		3 00@12 00
" J. L. Mock		3 00@10 00
" Hadley		6 00@20 00
" Ophelia		3 00@12 00
" Mrs. Chas. Russell		3 00@15 00
Carnations		1 00@ 2 00
Cattleya Orchids, special		25 00
" " inferior grades		15 00@20 00
Jonquils		2 00@ 2 50
Lilies, Longiflorum and Harrisii		6 00@ 8 00
Lily of the Valley		2 00@ 3 00
Tulips		1 50@ 2 00
Violets		10@ 35
Gardenias....per doz., $1.00@$3.00		
Adiantum Croweanum and Hybridum		50@ 75
Asparagus Plumosus....doz. bchs.		2 50
Smilax.....doz. strings.		1 25@ 2 00
Paper White Narcissus, doz.		$1.75@$2.00
Sweet Peas, per doz. bunches		1 00@2.00
" " Spencer type		1.50@2.50

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111 W. 28th St., New York City
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American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
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WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
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FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
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The Largest Shipper and Receiver of Fresh Cut Flowers
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103 West 28th Street, NEW YORK
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Its Use and Abuse." This was of great interest, and many practical methods were described by the lecturer. The next monthly exhibition of the society will be held Saturday and Sunday, May 8-9, at the New York Botanical Garden, Bronx park. The usual March exhibition is omitted on account of the spring show at the Grand Central Palace. The April show is also omitted, as it would follow too closely upon the big spring show.

GEORGE V. NASH, Sec'y.

SOUTHHAMPTON, L. I., N. Y.—Fire, originating from a defective flue connecting with the heater, partially destroyed the greenhouse of Harry P. Robbin, February 14.

LOS ANGELES, CALIF.—Ed. Sturdevant had a very interesting paper on aquatics at the February meeting of the Horticultural Society. Mr. Sturdevant has long been recognized as an authority on these plants.

Milwaukee.

TRADE CONDITIONS SATISFACTORY.

The past week found trade good with a shortage of carnations and roses. Bulbous stock has been on the decline in price. Daffodils, trumpets, tulips and Paper Whites are selling at a reasonable figure and violets are also reasonable. There is a shortage in Sprengeri. Stevia is entirely out of the market. Sweet peas have been moving well, the fancy grade of Spencers selling at good figures. The first week of the Lenten season was very satisfactory to the retailers, and every one reports business good.

NOTES.

H. Schimmels, who has been in the employ of Gust. Rusch & Co., for the past three years, is opening a retail store in Twelfth street, near Cherry. His many friends in the trade wish him success in his new venture.

Gimbel Bros. have had a fine trade, disposing of large amounts of violets and blooming plants at a sale, February 20.

Edlefsen-Leidiger Co., reports business good, having had a large number of funeral orders for the past week.

John C. Rost has been confined to his home owing to a severe injury to his foot.

Walter M. Maas & Co. have purchased another auto delivery car.

Miss Edith Webster is back in her old position at J. M. Fox & Co.

G. R.

Oklahoma City.

TRADE HOLDS STEADY.

We are having quite a period of rainy weather and everybody is happy. Spring rains are so necessary here to ensure abundant crops, because usually the summers are long and dry. The flower trade is keeping up very nicely, but it is too early yet to know if the Lenten season will have any effect on business. There is a noted decrease in the call for boxes of cut flowers, but this falling off in this particular line is more than offset by the increased demand for baskets arranged with cut flowers, chiefly spring bulbous flowers. The reason for this change in public taste is easily accounted for. Florists here, have for some weeks, been using tastily arranged baskets in their window displays and the public have caught onto the value of the baskets for decorative and for gift purposes.

NOTES.

The Oklahoma State Society of Florists will meet March 1. The name of the association will perhaps be changed as there is a motion under notice for that purpose, and an exhibition committee will be appointed. We are in hopes that a start will be made this year in giving an annual flower show. It is very up-hill work, however, inaugurating annual flower shows where the trade growers are so limited in numbers, and so widely separated as they are in Oklahoma.

Clyde Batten, secretary of the state society, had his home burglarized February 20. Much valuable jewelry is missing and no clue to the thieves.

S. S. B.

Westchester and Fairfield Hort. Society.

The annual entertainment and dance of this society was held in Mechanic's hall, Stamford Conn., Tuesday evening, February 16, and was a grand success. A very pleasing programme was rendered and greatly enjoyed by all present. The members, their wives, families and friends, together with a large number of representatives of leading seed houses and nursery firms, were welcomed by President W. J. Sealy. Scotch ballads were sung by Mrs. James W. Stirling in a wonderfully sweet and clear voice, and the singer was repeatedly encored. Owen A. Huninck sang some old time favorites in a very pleasing manner. Prof. Wilson, Scotch comedian, delighted and pleased the audience with a number of character songs and dances. The talented young son of Jas. Foster, rendered violin solos in an artistic and pleasing manner. Prof. Melcher amused and mystified the audience with a number of clever sleight o' hand tricks that were thoroughly enjoyed by old and young. Classical, sentimental and popular songs were rendered by the Hon. John M. Brown, mayor of Stamford, and by W. J. Collins, Jas. Johnston, A. L. Ricards and others. All were heartily applauded. A splendid and satisfying buffet lunch was served, and in addition plenty of fruit and candies ,was provided for the little folks. A very fine orchestra was in attendance, and a pleasing dance program was rendered under the able floor management of Jas. Johnston, assisted by Al Clarkson. Jas. Stuart and wife led the grand march. The annual entertainment of 1915 will long remain a pleasant memory.

P. W. POPP, Cor. Sec'y.

GLENDALE, CALIF.—C. Harry Woolsey has opened a flower shop in the New Theater building.

HORNELL, N. Y.—F. J. Kennedy & Sons, florists, filed a petition in bankruptcy February 13 as a firm and individually. The liabilities of the firm are scheduled at $3,966.53 and the assets at $2,732.12.

DULUTH, MINN.—J. J. Le Borious, florist, says that the flower market is improving daily and that his volume of sales is comparing favorably with other seasons. On account of the war he has more Dutch bulbs, hyacinths, tulips and daffodils coming into bloom than perhaps in any previous year at this time.

PANSY AND VERBENA BASKETS

Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000 ..... $ 9.00

Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000..... 15.00

Detachable wire handles for either of the above, per 1000..... 2.00

Have the other sizes. Send for descriptive circular.

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We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

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SEFTON BOXES

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Now ready for shipment,

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Natural and Perpetuated Moss.

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New Crop now ready for shipment $2.50 per case

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Everything in Southern Evergreens,

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Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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THE BEST THAT GROWS
Experts to Arrange Them.

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Largest and most centrally located store in the city. All orders given prompt attention.

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

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Member Florists' Telegraph Delivery.

Chicago.

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REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

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Mention the American Florist when writing.

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Flowers for all Occasions.

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611 FIFTH AVE., COR. 49TH STREET.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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Telephone 2065-2066 Madison Square.

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To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

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440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Established 1874.

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Addres4, DARDSFLOR.

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

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FLOWERS delivered promptly in Buffalo, Niagara Falls, East Aurora, Lockport, Tonawanda, Lancaster and other Western New York cities and towns.

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Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Huston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Muir, Craig, New York.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

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Corner Broadway and Gratiot Avenues.

Artistic Designs.
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Floral Designs and Choice Cut Flowers

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Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Craig Muir.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

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Prompt and careful attention to orders from out-of-town florists.

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Flowers or Design Work.

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We deliver anywhere in Canada and guarantee safe arrival.

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The Largest Growers of Flowers in City.

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All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivey.

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Will fill orders for the West on short notice.

Trade discounts. First-class stock.

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Careful attention to packing for deliveries to all Southern and Middle States.

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Artistic Floral Work and Long Stem Beauties Our Specialty.

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We solicit telegraph orders. Regular trade disc

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Orders Carefully Executed

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ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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20% Discount

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Hardy Perennial Phloxes

The Phloxes here offered are all one year old field-grown plants. It is our custom to pot these into three-inch pots about the middle of March for the Spring trade. To save this extra handling we will allow a special discount of 20 per cent from our regular low prices here quoted, on all orders booked for immediate delivery between February 20 and March 15.

General Collection of Hardy Phlox.

Albion (Medium). One of our own introductions; producing very large panicles of pure white flowers, with faint analine-red eye.
Antonin Mercie (Medium). Light ground color, upper half of each petal deeply suffused bluish-lilac, large white halo.
Bacchante (Tall). Tyrian rose, with crimson-carmine eye.
Baron von Dedem (Medium). Brilliant cochineal-red with salmon shadings.
B. Comte (Medium). Brilliant French purple, with crimson carmine shadings, 85 cts. per doz.; $5.00 per 100.
Bridesmaid (Tall). White, with large crimson-carmine center.
Champs Elysee (Dwarf). A very bright rosy magenta,
Coquelicot (Dwarf). A fine pure scarlet, with crimson-red eye. 85 cts. per doz.; $6.00 per 100.
Danton (Medium). Scarlet, pure red eye.
Diadem (Dwarf). A fine dwarf, pure white.
Eclaireur (Tall). Brilliant rosy magenta, with large lighter halo.
Frau Rosalie Wildt. Soft pleasing mauve-rose with carmine eye.
George A. Strohlein (Medium). Bright scarlet, with crimson-red eye; does not bleach. $1.00 per doz.; $7.00 per 100.
Henry Marcel (Medium). Pure red, with bright salmon shadings.
Henry Murger (Tall). White, crimson-carmine center.
Henry Royer (Medium). Tyrian Rose, with lighter shadings.
H. O. Wijers (Tall). White, with bright crimson-carmine eye.
Jeanne d'Arc (Tall). A good standard late white.
Jules Cambon (Medium). Bright rosy magenta, with large white center and light halo.
La Vague (Medium). Pure mauve, with analine-red eye.
L'Evenement (Dwarf). Orange scarlet overlaid with salmon-pink.
Louise Abbema (Dwarf). Very large dwarf, pure white, fine form.
Manzelbrunner. A very large bright soft pink, with a large white eye.
Mme Paul Dutrie (Tall). A delicate lilac-rose, reminding one of some of the beautiful soft pink Orchids.
Mrs. Jenkins (Tall). The best tall early white for massing.
Obergartner Wittig (Medium). Bright magenta, with crimson-carmine eye; large flower and truss; one of the best.
Pantheon (Tall). Bright carmine rose.
Pierre Bayle. Crimson-carmine, overlaid with orange scarlet.
Professor Virchow (Medium). Bright carmine, overlaid with orange scarlet.
Rosenberg. Bright reddish-violet, with blood-red eye, large truss and individual flowers as large as a silver dollar.
Rynstrom. An improved form of the popular variety Pantheon; fine for massing, of a Paul Neyron Rose color.

Selma (Tall). Large flower, pale rose mauve, with claret-red eye.
Siebold (Tall). Bright vermilion-red overlaid with orange scarlet; crimson red eye. 85 cts. per doz.; $6.00 per 100.
Sunshine (Dwarf). Large, analine-red with crimson-red eye and light halo.
Von Hochberg (Tall). Bright French purple, one of the finest dark colored varieties. $1.00 per doz.; $7.00 per 100.
Von Lassburg (Medium). The purest white in cultivation, individual flowers larger than any other white.

Any of the above varieties except where noted, 75 cts. per doz.; $5.00 per 100; $40.00 per 1000.

Novelties and Recent Introductions.

Europa. A white variety with very decided crimson-carmine eye; the individual flowers as well as the trusses are very large, entirely distinct.
Frau Anton Buchner. The finest white variety yet introduced, having the largest truss and individual flower of dwarf habit.
Gefion. A new color in Phloxes, a tender peach-blossom pink with bright rose eye. $1.50 per doz.: $10.00 per 100.
Rheinlander. A beautiful salmon pink with flowers and trusses of immense size, the color of the flower is intensified by a very decided eye of a deep claret-red. $1.50 per doz.; $10.00 per 100.
Riverton Jewel. One of our own introductions which it gives us great pleasure to recommend, a lively shade of mauve-rose illuminated by a carmine-red eye, a splendid improvement on the popular variety Asia. 30 cts. each; $2.50 per doz.; $18.00 per 100.
Thor. A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow and a light almost white halo around its analine-red eye. $2.00 per doz.; $15.00 per 100.
W. C Egan. One of the finest Phloxes yet introduced, and while the individual flowers according to the color-chart are of a delicate lilac color illuminated by a large bright solferino eye the color effect as a whole is a delicate pleasing shade of soft pink. $1.50 per doz.; $10.00 per 100.
Widar. A splendid improvement on Edmond Rostand; in color a light reddish-violet, with very large white center, which intensifies the color.
Tragedie. Deep brilliant carmine with blood-red eye. $1.50 per doz.; $10.00 per 100.
Wanadis. Entirely distinct, a mottling of white and light violet, reminding one of the native Phlox Divaricata Canadensis. The color is intensified by a bright reddish-purple eye, a strong grower producing trusses of immense size. $1.50 per doz.; $10.00 per 100.

Price. Any of the above varieties, except where noted, $1.00 per doz.; $6.00 per 100; $50.00 per 1000.

For full line of seasonable Plants, Bulbs, Seeds, Etc., see our current Wholesale Price List.

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

The above Prices are intended for the trade only.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

THE death of H. Frank Darrow, New York, is recorded in our obituary column this week.

VILMORIN-ANDRIEUX & Co., Paris, France, have already lost 11 members of their staff in the war.

CHICAGO.—Prices for grass seed on the Board of Trade February 24 were as follows: Timothy, $5.50 to $7.25 per 100 pounds.—J. C. Vaughan was in Pittsburgh this week.

TORONTO, ONT.—Steele, Briggs Seed Co., Ltd., reports that a good season's business is anticipated, catalogue trade is coming in nicely, and considerably in advance of last year.

ALFRED UNGER, of Frankfort, Germany, formerly in Japan, is reported to be in the German army. Albert Steinbrucker, of Hamburg, Germany, is reported doing service as a soldier.

BURPEE'S "War Bulletin," received this week, supplements that firm's catalogue with eight pages of flower and vegetable seeds which could not be offered when the general list went to press.

CONGRESSMAN C. H. DILLON, who introduced in the house the uniform weights and measures bill H. R. 20526, reports that the bill must be pushed through the next congress before it can become a law.

VISITED CHICAGO: Robert Fulton, representing Henry & Lee, New York; E. M. Parmalee, of Sheboygan, Wis., returning from an eastern contracting trip. He reports that nearly all customers are placing new orders and that the total business shows a liberal increase.

DES MOINES, IA.—The Iowa Seed Co. anticipates a better business than last year. The volume of trade was off during November and December, but normal conditions were reached during January. Business at present is beginning to come freely, and continued favorable conditions are looked for.

BULLETIN NO. 13, issued by the Virginia Truck Experiment Station, Norfolk, under date of October 1, 1914, contains an interesting preliminary report by Loren B. Smith, covering experiments made at that station during 1914 for the control of green pea aphis. Results and cost of spraying with various insecticides, control by other methods, and preventive suggestions are included in the report.

ST. PAUL, MINN.—The prospects to L. L. May & Co. look very encouraging, although they were between two and three weeks later this year in mailing their catalogue than the year previous. Their catalogue trade is in excess of last year. It is too early for them to make any definite comparison, but by inquiries and the demand already commenced, they feel the trade for 1915 has a very satisfactory outlook.

Seedsman Urges Peace.

SIOUX CITY, IA.—I notice in your issue of February 20 an item to the effect that some of the German dealers are feeling bitter towards the American seed trade. I feel sure that those who feel that way are not familiar with the other fellows that are cancelling their contracts on the "force majeure clause," and of the real uncertainty that every seedsman in America feels in transacting business with foreign houses during the present conditions in Europe. I think no class of business interests will be more grateful for the restoration of universal peace than the seed dealers of America, or none that feel a greater charity toward all with malice toward none.

H. A. JOHNS.

American Stock of Potatoes.

Unusually large stocks of potatoes were held on January 1 in the large potato-producing states, according to reports of correspondents of the bureau of crop estimates at Washington. Southern potato growers who compete in the spring months with the stocks carried over in the northern states should recognize this fact, that supplies of northern potatoes are larger than in any of the past five years. Prices are unusually low and therefore may not decline further, but material advances in the next few months can not be forecast from present supplies. The estimates indicate that 52.8 per cent of the marketable supply of potatoes of the 1914 crop remained in the hands of producers or dealers on January 1 in the states included in the investigation, which compares with 51.6 per cent of the 1913 crop held on January 1, 1914, 49.6 per cent similarly held two years ago, 41.7 three years ago, and 51.1 four and five years ago.

If, for the purpose of comparison, these percentages be applied to the estimates of total production, it shows, in the states included (which produced 78 per cent of the United States crop), a total of 166,846,000 bushels January 1, 1915, compared with 123,292,000 a year ago, 149,845,000 two years ago, 90,778,000 three years ago, 133,411,000 four years ago, and 142,381,000 five years ago. One feature of the situation is that stocks are held by growers more largely than usual. This year their holdings on January 1 were nearly 5.6 times the amount held by dealers, whereas in the past five years their holdings have averaged four times the amount held by dealers. The United States seldom imports or exports relatively a large quantity of potatoes. Therefore the European war has no material direct bearing upon the potato market of the United States.

BOSTON, MASS.—Fottler, Fiske, Rawson Co. is very much pleased with responses to their catalogues recently mailed, and adds that every appearance gives promise of exceptionally good business this year.

FLORAL PARK, N. Y.—Regarding the spring trade conditions, John Lewis Childs writes as follows: "The first half of January, business was about normal, but dropped off considerable during the period from January 15 to February 10. Business since February 10, however, has been very good, running considerably ahead of the corresponding period last year."

SHENANDOAH, IA.—The Henry Field Seed Co., under date of February 22, writes as follows: "Our business the past week showed an increase of 51 per cent in number of orders over the corresponding week last year and an increase of 69 per cent in cash receipts. For the whole season so far, we are about 5,000 orders ahead of the same period last year. We have set our stakes for 100,000 orders during 1915, against 83,000 received last year, but if the present rate of gain holds up we will go far beyond that figure."

NEW ORLEANS, LA.—"All seeds are moving freely, and we anticipate the biggest year in our existence," writes Chris Reuter. "The month of January opened up nicely, with orders ahead of the same period in 1914, but inclement weather in the south, during January, caused a large depreciation in sales. The month of February is showing a splendid increase both in volume and number of orders. The demand for high-priced bean is exceptionally heavy. The price does not seem to have any effect on the sale when a crop is to be planted. The demand for seed corn, seed oats, soy beans, velvet beans, sorghums, millets, etc., is heavy. The growers are planting more home garden than usual and putting in large crops of grain and hay. All southern seed houses will undoubtedly show remarkable trade increases this year, owing to depreciation in cotton acreage."

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

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Growers of

Peas and Beans

Grand Rapids, Mich.

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Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

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ARE you interested in Freesia Purity Bulbs (first size) at two dollars per hundred, or twelve dollars per thousand?

Ask us about our "below-the-market" specialties and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

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Lily of the Valley
are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to
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Contract Seed Growers
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Onion Seed
Write us for price on both globe and flat varieties. We are also quoting ONION SETS.
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Get Quotations From
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SEEDS WHICH SUCCEED
Bloomsdale Farm. Bristol, Pa.

TOMATO SEED
Grown For The Wholesale Seed Trade.
Contract orders now being booked for delivery after harvest, 1915.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

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FOR EASTER FORCING I OFFER THIS MONTH
SURPLUS OF 300,000 VALLEY PIPS

Florist Money Maker Brand, Best valley at moderate price. $12.50 per 1000; $6.50 per 500; $3.50 per 250; $1.75 per 100. This stock is equally as good as any valley imported and offered at a much higher price. To help out my foreign growers enables me to quote this low price.

Chicago Market Brand, best valley in existence. $15.00 per 1000.

Cold Storage Valley (crop 1913). $18.00 per 1000; $9.50 per 500; $5.00 per 250; $2.00 per 100.

H. N. BRUNS 3032 W. Madison St. CHICAGO, ILLINOIS.

Mention the American Florist when writing

LILIES FOR **Decoration Day**

PLANT NOW Our especially packed Cold Storage Lilies. Bloom in 11 to 12 weeks after planting.

Lil. Long. Giganteum Size, 7-9: per 100, $ 6.50; case of 300, $16.50. Size, 9-10: per 100, 10.50; case of 200, 20.00.

Cold Storage Valley Extra select, very best..100, $2.00; 1000, $15.00. Hamburg.....100, 1.50; 1000, 12.00.

Florists' List, comprising full lines of **Flower Seeds, Bulbs, Dormant Plants** and **Supplies,** free upon application.

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New Crop Flower and Vegetable Seeds
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Complete Assortment Summer Flowering Bulbs.
Catalogs Mailed upon request.
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Extra fine qualities. New crop.
Danish and German.
Ask for quotations.
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BEANS, PEAS, RADISH
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ONION SETS
GROWERS FOR THE TRADE
Write for Prices

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Natural—Four standard grades.
Colored—Twenty colors.

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BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds**, will be quoted you upon application to

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8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes**, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
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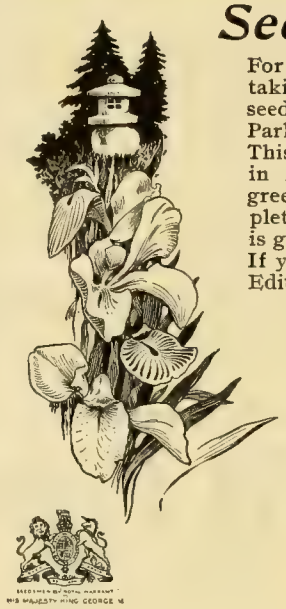

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For generations James Carter & Co. have used painstaking English methods in selecting and testing their seeds. The Carter trial and testing grounds at Raynes Park have become celebrated in Great Britain.
This explains the remarkable record of Carters seeds in American Gardens. These "Seeds with a Pedigree" can now be purchased in this country. A complete stock is carried in Boston and prompt service is guaranteed.
If you do not have the 1915 Carter Catalog, American Edition, write for it today.

CARTERS TESTED SEEDS, Inc.
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Raisers and introducers of new and rare Darwin Tulips, Cottage Tulips, Narcissus. Hyacinths, Spireas, Dahlias, Phloxes, Delphiniums, etc., offer the most complete list of Paeony-flowered Dahlias.

Out of 110 new varieties of this section, represented in 1914 at the trial grounds of the R. H. S. England, we gained the Cup with Mrs. J. C. Vaughan and awards for Hort. Fiet and Great Britain.

Our Paeony-flowered Dahlias are the best in stem, color and shape, the best for cutting and as decorative garden plants.

We recommend:	Per 100		Per 100
Mrs. J. C. Vaughan, 1st C. C., lemon yellow, The Cup variety	$50.00	**Geisha,** 1st C. C., scarlet and gold	$12.00
Great Britain, 1st C. C., mauve	30 00	**America,** 1st C. C., apricot orange	20.00
Hort. Fiet, 1st C. C., salmon buff	25.00	**Avalanche,** award, a new white	20.00
Chatenay, 1st C. C., salmon rose	50.00	**Alice Roosevelt,** award, pale mauve	10.00
Leo XIII. 1st C. C., deep yellow	30.00	**Dr. Peary,** award, mahogany	12.00

Ask for complete list and prices.

Care of J. W. HAMPTON, JR. & CO., 17 Battery Place, New York.

Lily of the Valley Pips

From Cold Storage.

2500 to case.....per 1000, $17.00
New crop, 1000 to case.....per 1000, 16.25

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Gladstone, white.....100 to case, $6.00
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4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

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Seedsmen requiring the very best selections of

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Special quotations on application.

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Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.

Michigan Office: MILLINGTON.
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Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Burpee Quality Flower Seeds

CONDITIONS in Europe preclude the possibility of securing flower seed from that source within any reasonable time. When stocks become depleted during the season, an American source of supply of undoubted integrity is highly essential.

Fordhook Farms—America's greatest and most complete trial grounds—are famous for the finest strains of flower seeds, especially Antirrhinums, Balsams, Begonias, Celosia Plumosa, Perennial Chrysanthemum, Coleus, Dolichos, Gladiolus, Gourds, Heliotrope, Marigolds, Morning Glories, Petunias, Phlox Drummondi, Poppies, Portulaca, Salvia, Sunflower, Torenia and Zinnia.

Floradale Farm—the California home of Sweet Peas—produces in addition to tons of Sweet Pea seeds the very finest strains of Centaurea, Imperialis, Cosmos, Dahlias, Delphiniums, Dimorphotheca, Eschscholtzias, Hollyhocks, Marigolds, Pelargoniums, Nasturtiums, Petunia, Pentstemon and Verbena.

Sunnybrook Farm in South Jersey has produced for a number of years exceedingly fine strains of Petunia, Poppies, Dahlias, Ipomœas and Dolichos.

With these vast quantities of flower seeds at our command, we are in a position to offer to the trade superior stocks of seeds which have formerly been secured in Europe. When in the market for the very best strains of flower seeds, kindly submit a list of your requirements for quotation.

Please bear in mind that we are in no position to offer in a wholesale way (as we are entirely sold out) the following: Morning Glory Tall Mixed, Ricinus Zanzibarensis, Marvel of Peru Mixed, Vincas and Thunbergia Mixed.

Florists and Market Gardeners

should write for a copy of Burpee's Blue List for 1915, the Market Growers' Handbook—a catalog of 148 pages, crowded from cover to cover with useful information. A postcard will bring it.

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BURPEE BUILDINGS, PHILADELPHIA.

James Vick's Sons
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Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

King Humbert Cannas
Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5 00 per 100; 4 in. plants, $8 00 per 100.
Satisfactory references or cash.
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POT PLANTS
SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.
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Try us once and you will come again.
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Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,
Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

Winter-Flowering Spencer Sweet Pea
Ask for list of outdoor and inside Sweet Peas.
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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Ft. Wayne, Ind.

SUPPLY GOOD AND DEMAND STEADY.

St. Valentine day's business was tremendous here. There was a big call for violets, roses, carnations and all varieties of spring flowers, for gifts, and an unusual demand for decorations for parties and dinners. Prelenten parties were numerous and novel decorations were carried out for several announcements of St. Valentine parties. Business has been good in other lines, mostly funeral work. All flowers are in the height of their season. Spring flowers are now appearing in many varieties and are special favorities with the public. Richmond and Rhea Reid roses are of excellent size with good color. These have been greatly in demand, and the supply lately has been rather short. Violets are still plentiful, although they have had a good run. Carnations are good, but not as plentiful as is desired. Easter lilies are not as plentiful as a few weeks ago.

A novel table decoration for a St. Valentine's day dinner was carried out in Richmond roses and violets, which decorated three white lacy straw hats. This decoration was arranged by the Flick Floral Co.

The Bradley Flower Shop has rented a new store at 1026 Calhoun street, to which they will move, March 20. They are now located at 828 Calhoun street.

H. K.

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white each, ¼ oz. 10c.
Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.
Antirrhinum (Snapdragon), Giant — Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.
Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.
Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.
See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.
Crego Asters—Magnificent late cutting Asters, Shell Pink, Lavender and White. Trade pkt. 25c., ¼ oz. 40c.
Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.
Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.
Lavender Gem—A splendid early pure lavender, no yellow centers very popular with florists. Trade pkt. 25c., ¼ oz. 50c.
Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.
Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.
Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.
Purity—White flowers similar to above, ⅛ oz. 35c.
Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each, ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink. Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.
Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.
Celosia—Empress, Semi-Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.
Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.
Cineraria Maritima. Trade pkt. 10c., oz. 25c.
Cobaea Scandens, Purple, oz. 40c.
Coleus, finest hybrids—Mixed, trade pkt. 50c
Dracaena Indivisa. Trade pkt. 10c., oz. 45c.
Grevillea Robusta, oz. 80c.
Ipomoea Grandiflora (Moonflower), oz. 50c.
Ipomoea Heavenly Blue, oz. 40c.
Ipomoea Setosa, oz. 20c.
Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.
Mignonette—Machet, oz. 30c. Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.
Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1 00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt. $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c Single striped and blotched, ¼ oz 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.
Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.
Smilax, oz. 30c. ¼ lb. $1.00.
Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.
Thunbergia, oz. 40c.
Verbena (Mammoth Flowered)- Blue and Purple Shades, ¼ oz. 35c, oz. $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c.

The Storrs & Harrison Co.
Painesville, Ohio.

NEW ROSE BOOK
The Practical Book of
Outdoor Rose Growing For The Home Garden
By George C. Thomas, Jr.
GENERAL SCOPE:

The Propagation of Roses.	Location and Preparation.	Ordering.
The Best Varieties with their Characteristics.	Planting.	Pruning.
Some General Information and Hints of Hybridization.	Climbers.	Cultivation.

Elaborately illustrated with 96 reproductions in full color of leading varieties of roses and a few halftone plates. Handsome cloth binding, in slip case. Price, $4.00, postage or expressage extra.
American Florist Co., 440 South Dearborn Street, **Chicago**

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., at $1.25 per 100.

Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.

Coleus, 10 varieties, April 1, 2½-in. pots, $2.00 per 100.

Alternantheras, red and yellow, April 1, $2.00 per 100.

Geraniums, S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Pansy Plant, Giant flowering, $2.50 per 1000.

Primula Obconica, $1.00 per 100 to close out.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

Mention the American Florist when writing.

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids.** Special lists on application.

LAGER & HURRELL, Summit, N. J.

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CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Robert Craig Co.,

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

Spring List Roses

Ferns, Plants, Vines, Bulbs, Etc.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

DREER'S PEERLESS PINK ASTER

Dreer's Famous American Asters

We offer below a short list of the most important sorts; all of the veryhighest quality. For complete list, see our Wholesale Catalogue.

Dreer's Superb Late Branching Asters.

The finest Asters for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high bearing on long strong stems their handsome chrysanthemum-like flowers, which, under ordinary cultivation, averages 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. We offer eight beautiful and distinct colors, viz::

	Tr. pkt.	Oz.
Azure Blue. Rich lavender	$0 25	$1 00
Pure White. Extra fine stock	25	1 00
Shell Pink. An exquisite shade.	25	1 00
Rose Pink. A very desirable color	25	1 00
Deep Rose. Rich and brilliant	25	1 00
Deep Purple. Royal deep purple	25	1 00
Lavender. A pale grayish-lavender	25	1 00
Crimson. Very rich.	25	1 00
Finest Mixed. All the colors	25	75

Dreer's "Peerless Pink" Aster.

This grand Aster may be briefly described as a glorified late branching shell-pink. The color is similar but more decided than the late branching. The center petals are prettily incurved, while the wide outer petals reflex, making a most artistic and finely finished flower, and stands cut longer than any other. 50c per trade pkt.; $2.50 per oz.

Queen of the Market Asters.

The standard early flowering variety; good flowers on long stems.

	Tr. pkt.	Oz.
White	$0 20	$0 75
Lavender	20	75
Pink	20	75
Bright Rose	20	75
Purple	20	75
Crimson	20	75
Mixed	15	65

King Asters.

The "King" Asters form a distinct class or type. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming very attractive flowers.

	Tr. pkt.	Oz.
Dreer's Crimson King. A brilliant new color in this type, which originated with us. It is the richest and deepest crimson variety known to us	$0 50	$3 00
Pink King. Delicate shell-pink	40	2 00
Rose King. A beautiful brilliant rose	40	2 00
White King. Of purest glistening white.	50	3 00

Astermums.

This strain of Giant Comet Asters were first exhibited at the Florists' Convention in 1912, and their immense size and chrysanthemum-like appearance created quite a sensation. They closely resemble Crego's Giant, but come into bloom fully two weeks earlier. We offer three colors:

	Tr. pkt.	Oz.
White Astermum	$0 50	$2 50
Pink "	50	2 50
Lavender "	50	3 00

Crego's Giant Comet Asters.

Magnificent fluffy flowers, with long strong stems, the finest of this type. Comes into bloom in August, continuing well into September, and unlike most of the Comet sorts, stands when cut and is a good flower to ship. We offer five colors, our own saving, of the highest quality.

	Tr. pkt.	Oz.
White. Purest white	$0 30	$1 50
Pink. Delicate shell-pink	30	1 50
Purple. Bright purple	30	1 50
Rose. Rich deep rose.	30	1 50
Lavender. A rich deep shade	30	1 50

HENRY A. DREER,

714-716 Chestnut St., Philadelphia, Pa.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, February 23.—Mushrooms, 50 cents per pound; lettuce 20 cents per box; radishes, 30 cents to 50 cents per dozen bunches; asparagus, $2.00 per dozen bunches; celery, 12 stalks, 15 cents to 25 cents; cucumbers, $1.25 to $1.75.

New York, February 23.—Cucumbers, $1.50 to $2.00 per dozen; mushrooms, 60 cents to $1.25 per 4-pound basket; tomatoes, 15 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per strap, $2.00 to $3.00.

Flats.

The increasing scarcity of manure for making hot-beds at the right time, together with a scarcity of good help—these are factors that are rapidly changing the methods of plant production. More and more growers have the advantage of greenhouses for this work. By using flats, plants can be grown inside and hardened off in cold frames under cloth; if sash are not at hand—and these cold frames can have a steam pipe or hot water pipe to carry them safely through a cold spell. The great advantage of this arrangement is that the work can be done on time, regardless of weather conditions, and it can be pushed day and night if needed. The flats in this scheme form an important link. Some claim cheapness by ripping up grocery boxes, but we doubt this very much. Uniformity of width, depth and length, together with durability are more important than cheapness of first cost. The flats to be practical, must fit closely on the benches or beds of the greenhouse, must again fit the cold frames, and last but not least, must not be too heavy to handle. Almost a standard size has been developed in the trade, 3x12x24.

Some of our greenhouse construction companies are selling these in knocked down shape for a reasonable price and of durable cypress; by using galvanized nails these flats will last for years with good care. In the absence of cypress, chestnut makes a good wood. The requirements of a wood are—cheapness, durability, soft and non-splitting and freedom from warping. Such flats should be cleaned up at the end of the season and stacked in a dry shed.

For the best headway in operating, the ground used should be screened through a ½-inch mesh sand screen; a marker with pointed pegs can be used to fit the flats, thus pounding all the holes at once, making transplanting a rapid process. Spacing of plants can be 1½x1½ or 2x1½ inches. This, in a low temperature with ample air, should produce good plants.

MARKETMAN.

HUTCHINSON, KAN. — Yerkes Bros., florists, who have greenhouses at 1020 Sixth avenue east, report their volume of business as increasing both locally and in mail orders.

SAN DIEGO, CALIF.—Miss K. O. Sessions has acquired a considerable acreage in this city which she exploits for the cultivation of plants and flowers for perfumery in the Los Angeles News, January 30. Miss Sessions' principal work, however, is in the production of cut flowers for market.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark. American Spawn Co., St. Paul, Minn

Mention the American Florist when writing.

—THE FAMOUS—

"John Baer" Tomato

which we secured from the introducers last year, we planted, and it proved all and more than they claimed for it. We decided not to sell the fruit, as it looked too valuable to let go that way, so we have a limited amount of seed. One lady canned a few, and when placed on the table on lettuce leaves, the tomato retained its form and made an appetizing sight. Out of bushels none cracked, and all were ripe to the stem, and skin was taken off without cutting or scalding. 25c per pkg. of about 100 seeds, 5 pkgs. for $1.00.

By Mail, postpaid. Cash.

MYERS BROS.,

ELDORADO, PA. ALTOONA, PA.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

"By their fruits ye shall know them."

"JOHN BAER" TOMATO

"As ye sow so shall ye reap."

THE EARLIEST AND BEST TOMATO ON EARTH

Produces Perfect, Solid, High Crown, Beautiful, Brilliant Deep Red Shipping Tomatoes in 30 Days from Large Strong Well Matured Plants, in Veneer Bands with Roots Undisturbed.

Pkts., 50c.; ¼ oz., 75c.; oz., $2.00; ¼ lb., $7.50; pound, $25.00. ⅓ off to the Trade.

S. D. PRICHARD
Florist
So, Wayne St., Phelps, N. Y.

February 6th, 1915.

J. Bolgiano & Son, Baltimore, Md.

Gentlemen: Your Adv. of Feb. 6th in The Florist Exchange is some puff for "John Baer" Tomato, which is all true. I tried the "John Baer" last year and there was not one in your Adv. that had one on me,

From t20 plants I sold over 2¼ tons of Tomatoes, Set 3 feet each way and trained to bamboo stakes trimmed to one shoot. When they became heavy with tomatoes, I tied the top of four stakes together as shown in the enclosed photo, and as the season was cold in the Spring could not set the plants until the last of May and commenced to market on the 17th of July. I rais d Celery between the rows. Inclosed find check for one ounce of "John Baer" Tomato Seed.

Very truly,
(Signed) S. D. PRITCHARD.

G. BRUNNER'S SONS
Florists
Cincinnati, Ohio

February 7th, 1915.

J. Bolgiano & Son, Baltimore, Md.

Gentlemen: Glad to see your Adv. again on "John Baer" Tomato Seed. I bought $1.00 worth of seed last year from you, all people gave me the laugh for paying such a price for Tomato Seed, but when they found me picking **Big, Fine, Solid, Fine Tasting Fruit** on the 3rd day of July, 1914, then all the neighbors came to see them. I could have sold all my fruit, but to please the "wise ones" I presented each with a nice basket of them. Out of 50 "John Baer" Plants I picked on an average of ½ bushel every other day, where on my other varieties, I did not average a small measure a day. I saved 12 of my largest and best "John Baer" Tomatoes for seed, there wasn't enough seed in them to give me 50 plants this year, so you see why I must send for some to be sure I will have good old "John Baer." By me it is more than you claimed for it, in your last year's Adv. in the Florist Exchange.

Yours respectfully, (Signed) WM. F. MASS,
Rosemont Ave., Price Hill, Cincinnati, Ohio. G. Brunner's Sons.

1818 # J. BOLGIANO & SON **1915**

Almost 100 Years Selling Trustworthy Seeds

GROWERS OF PEDIGREED TOMATO SEED

BALTIMORE, MD., U. S. A.

ONION SETS

32 pounds to the bushel.
Crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our Onion Sets.

Yellow Danvers Sets

For shipment up to the following dates.

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70

White Silver Skin Sets

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.55	$1.60
March 15th	.35	.55	1.70
April 1st	.40	.60	1.80

Red Wethersfield Sets

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70

J. BOLGIANO & SON, BALTIMORE, MD.
Almost 100 Years Established Trade.

Mention the American Florist when writing.

Now is the Time

To Subscribe to the

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Published weekly. The Largest Brightest and Best British Trade Publication. Also

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Published quarterly. Annual subcription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY

BURNLEY, ENGLAND

Mention the American Florist when writing.

A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins. Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia. 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

If you are short of Blooming Plants, such as

Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,

Wire your order to

GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

Mention the American Florist when writing.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft	$1.00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½,ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Mention the American Florist when writing.

SPRING BULBS

Dwarf Pearl Tuberose.

GLADIOLUS

	Per 1000
MRS. FRANCIS KING, First Size	$10.00
MRS. FRANCIS KING, Medium Size	8.00
AUGUSTA, First Size	12.00
AUGUSTA, Medium Size	10.00
AMERICA, First Size	12.00
AMERICA, Medium Size	10.00
HYDE PARK	60.00
CHICAGO WHITE, First Size	30.00
CHICAGO WHITE, Medium	25.00
PRINCEPS	30.00
FLORISTS' MIXTURE, Light	15.00

Of several leading kinds we can supply planting stock, white bulbs under one inch and small black bulblets by the bushel

Ask for Complete List.

BEGONIAS

(Tuberous Rooted Giant Flowering Varieties)

Singles, in colors, white, scarlet, yellow, pink.
Doz., 40c: 100, $2.50; 1000, $20.00.
Singles, Mixed Colors.
Doz., 35c; 100, $2.00; 1000, $18 00.
Doubles, white, scarlet. yellow, pink,
Doz., 50c; 100, $3.50; 1000, $30.00.
Doubles, Mixed Colors.
Doz., 50c; 100, $3.00; 1000, $28.00.

LILY BULBS

	Per 100
Auratum, 9-11 inch	10.00
Rubrum, 8-9 inch	6.00

TUBEROSES

TRUE DWARF PEARL.

	Per 1000
First Size, 4-6 inch	$ 8.50
Medium Size, 3-4 inch	5.00
Mammoth, 6-8 inch	15.00

CALADIUM

ESCULENTUM.

	Per 100	Per 1000
5 to 7 inch	$1.75	$15.00
7 to 9 inch	3.50	30.00
9 to 11 inch	5.50	55.00

LILIES

COLD STORAGE

Lil. Giganteum	Per Case
7-9 inch (300 bulbs to case)	$16.00
8-10 inch (225 bulbs to case)	16.00
9-10 inch (200 bulbs to case)	20.00

Lilium Rubrum

	Per Case
8-9 inch (170 bulbs to case)	$10.00

Write for Our Spring "Book for Florists"

Caladium Esculentum.

Vaughan's Seed Store,

CHICAGO **NEW YORK**

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

WIGGINS, MISS.—On account of the appearance of citrus canker in this section, local nurserymen are urging an inspection by an expert.

VACAVILLE, CALIF.—C. J. Uhl and C. R. McBride have formed a co-partnership for the purpose of conducting a nursery business here.

KALAMAZOO, MICH.—Grand Rapids was selected as the next meeting place of the Michigan Horticultural Society at its meeting in this city.

HANFORD, CALIF.—Almond growers anticipate good crops in this section, and with freedom from late frosts a good harvest can be expected.

PHOENIX, ARIZ.—The Texas Cattle & Cactus Co. has been incorporated with a paid-up capital of $100,000 and will establish a spineless cactus nursery near Pecos, Texas.

INDIANAPOLIS, IND.—Senator McCormick has introduced a bill into the Indiana legislature, creating a department of horticulture and forestry and abolishing the state board of forestry.

ANDERSON, CALIF.—The Ehmann Olive Co., owners of one of the largest olive orchards in the state, have planted a carload of fruit trees. The varieties are olives, peaches and plums. Between 5,000 and 6,000 are olives.

REDLANDS, CALIF.—Directors of the Redlands Horticultural Society have decided to hold a spring flower show April 9-10. S. R. Hotchkiss and S. Hockridge are the committee on rules and classifications. The society will offer $200 in cash prices.

OAKDALE, CALIF.—The growing of English walnuts on an extensive scale will be undertaken this summer in this section. Thousands of walnut trees have been ordered and are now being planted in the irrigated districts. By irrigating the trees from the ditches all danger of scald has been eliminated.

Nursery Inspection in California.

Uniformity in regulation and inspection of trees, shrubs and all horticultural and agricultural plants and plant products is the aim of senate bill No. 861 by Chandler of Fresno. The bill emanates from the state horticultural department and is one of those with the administration backing that assures its passage.

Briefly the Chandler bill provides for a force of inspectors and deputies to the state commissioner of horticulture in the various counties, these inspectors and deputies to be directly responsible to the state commissioner instead of to the county authorities. Provision is made for the inspection of all nursery stock grown in the state or imported from other states. Fruit and ornamental trees, shrubbery, plants, buds, seeds, vines, vegetables, and all horticultural and agricultural plants and plant products are included. Not only are shippers of nursery stock required to give inspectors access to their places, but no shipment shall be made unless plants, trees, etc., bear a certificate of inspection.

Dormant Roses Under Storage.

ED. AMERICAN FLORIST:

What is the best method of storing two-year dormant hybrid tea roses grafted and budded?

Illinois. R. G.

We find that the best method for storing two-year-old dormant hybrid tea roses is to cover them up in damp sand, but not wet sand. We think it is best to have the plants almost entirely covered, as we find that the mildew never goes back beyond the sand. We have also been quite successful in storing them in damp moss. Of course, the mildew must be kept out of the cellar as much as possible.

W. & T. SMITH COMPANY.

We believe that the best method of storing two year dormant hybrid tea roses is to cover the roots with light loamy soil. ELLWANGER & BARRY.

Evergreens for Middle West.

Speaking upon the subject of "Evergreens" at a meeting of the North Shore Horticultural Society at Lake Forest, Ill., January 15, 1915, A. H. Hill of Dundee, Ill., expressed his opinion that generally speaking, he believed it is best to confine middle-west planting to as few varieties as possible, selecting those only which are suited to our conditions. Evergreens, he stated, are not particular as to soil. They prefer a light sandy soil, and will do well in any well-drained soil, but they must be selected with reference to the position they are to occupy, the purpose they are to serve, and their relation to the place where they are to grow. For grouping at entrances, near dwelling houses, and for massing in formal plantings, dwarf evergreens are favorites, because they are always cheerful, in evidence, and wide awake the year round. Among the best for this purpose are Juniperus Canadensis, Pinus Mughus, globe arbor vitae, Sabina junipers, Juniperus procumbens, Siberian arbor vitae, Japanese yew.

The list of medium growing sorts is more extensive, some of the most valuable being hemlock, Juniperus glauca, Juniperus Schottii, red cedar, pyramidal arbor vitae, American arbor vitae, Swiss stone pine, Pfitzeriana juniper, concolor fir, Peabody's and Douglas golden arbor vitae, Englemann spruce. Some valuable tall growing sorts are white pine, white spruce, Douglas fir, Austrian pine, Black Hill spruce, red cedar, Colorado blue spruce. Of the small or dwarf growing evergreens, by far the best is Juniperus Canadensis and Juniperus Sabina prostrata, which are native along the north shore. They are splendidly suited to our conditions and excellent for rough banks, rocks and ornamental covers.

People often say—" I do not like evergreens, they are too melancholy" —and questioning will show that their principal acquaintance is with the Norway spruce. While it is true that the Norway spruce is useful and valuable for some purposes and locations, still the Norway spruce has done more than any other tree to injure the popular demand for evergreens.

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Jackson & Perkins Company
NEWARK, NEW YORK
Wholesale growers for the trade—trees and plants of all kinds.
SEND FOR LIST.

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
BALTIMORE, MD.

Headquarters For
California Privet
AND OTHER HEDGE PLANTS

CALIFORNIA PRIVET. Two years, 2 to 3 feet; 3 to 4 feet. Three years, 3 to 4 feet; 4 to 5 feet.

All well branched, bright and clean. The two and three year grades have been cut back one or more times. Very attractive prices for car lots for prompt acceptance.

AMOOR RIVER PRIVET. One year, extra fine, 12 to 18 inches. Two years, 1½ to 2 feet; 2 to 3 feet.

BERBERIS THUNBERGII. Transplanted, stocky plants, 9 to 12 inches; 12 to 18 inches.

J. T. LOVETT, Little Silver, N. J.

THE GEO. WITTBOLD CO.

739 BUCKINGHAM PLACE, CHICAGO

SPECIAL WHOLESALE PRICE LIST of DECORATIVE PLANTS, Etc.

WINTER AND SPRING, 1915.

FERNS

Adiantum Cuneatum, 3-in., at $1.00 per doz.; $8.00 per 100.
Asplenium Nidus Avis, the Bird's Nest Fern, 4 in., at $6.00 per doz.
Asplenium Nidus Avis, the Bird's Nest Fern, 5-in., at $12.00 per doz.
Asplenium Nidus, larger specimens, at $2.50 and $3.00 each.
Assorted Ferns for dishes, at $3.00 per 100.

BOSTON FERNS

2-in., 50c per doz.; $4.00 per 100.
3-in., $1.00 per doz.; $7.00 per 100.
4-in., $1.50 per doz.; $12.00 per 100.
5-in., $3.00 per doz.; $25.00 per 100.
6-in., $6.00 per doz.; $50.00 per 100.
7-in., at 75c each; $9.00 per doz.
8-in., at $1.00 each; $12.00 per doz.
9-in., at $1.50 each; $18.00 per doz.
Larger specimens, at $2.00, $2.50 and up each.
Boston Ferns, hanging baskets, at $1.00 each.
Boston Ferns, hanging baskets, at $3.00 and $4.00 each.
Boston Ferns, extra large hanging baskets, at $3.00 and $4.00 each.
Cyrtomium Falcatum, 2-in., at $3.00 per 100; $25.00 per 1,000.
Cyrtomium Falcatum, 3-in., at 50c per doz.; $6.00 per 100.
Cyrtomium Falcatum, 4-in., at $1.50 per doz.; $12.00 per 100.
Cyrtomium Falcatum, 5-in., at $2.50 per doz.
Cyrtomium Falcatum, 6-in., at 35c each; $4.00 per doz.
Whitmani Ferns, 2-in., at $4.00 per 100.
Whitmani Ferns, 3-in., at $1.00 per doz.; $8.00 per 100.
Whitmani Ferns, 4-in., at $2.00 per doz.; $15.00 per 100.
Whitmani Ferns, 5-in., at $3.00 per doz.
Whitmani Ferns, 5-in., made up, at $3.00 per doz.
Whitmani Ferns, 6-in., at $6.00 per doz.

PALMS

Areca Lutescens:
2-in., at $1.20 per doz.; $9.00 per 100.
3-in., at $2.00 per doz.
4-in., at $3.00 per doz.
6-in., 18 to 24 in. high, at 75c; $9.00 per doz.
Cocos Weddelliana:
3-in., at $2.50 per doz.
2-in., at $1.75 per doz.; $14.00 per 100.

KENTIA BELMOREANA

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	12-14-in.		4.50	35.00
5-in.,	5-6	15-18-in.		6.00	50.00
7-in.,	6-7	30-32-in.	$ 2.50		
8-in.,	6-7	48-in.	7.00		
8-in. tubs,	6-7	60-in.	10.00		
9-in. tubs,	7-8	72-in.	13.00		

KENTIA FORSTERIANA

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	14-16-in.		4.50	35.00
5-in.,	5-6	16-18-in.	$ 0.50	6.00	
5-in., extra strong,			.75	9.00	
6-in.,	5-6	18-24-in.	1.00		
7-in.,	6-7	36-40-in.	2.25 to $2.50		
7-in.,	6-7	44-48-in.	4.00		
8-in.,	6-7	60-64-in.	8.50		
8-in.,	6-7	64-68-in.	9.00		
9-in.,	6-7	72-in.	11.00		
9-in.,	7-8	80-84-in.	12.00		
9-in.,	7-8	84-88-in.	15.00		

KENTIA, MADE UP

Belmoreana, 5-in., 3-4 in a pot, at 50c and 75c each.
Forsteriana:
7-in., 24-30-in. high, at $2.00 and $2.50 each.
8-in. tubs, 36-in. high, at $4.00 each.
9-in. tubs, 40-in. high, at $5.00 each.
9-in. tubs, 48-in. high, at $7.50 each.
9-in. tubs, 52-56-in. high, at $9.00 each.
9-in. tubs, 66-70-in. high, at $12.00 each.
9-in. tubs, 72-80-in. high, at $15.00 each.
6-in., 3-4 in a pot, 20-24 in. high, at $1.25; $15.00 per doz.
6-in., 3-4 in a pot, stronger, at $1.50; $18.00 per doz.
7-in., 3-4 in a pot, at $2.50 each.
Latania Borbonica:
2-in., at $5.00 per 100.
3-in., at $10.00 per 100.
4-in., made up, at 25c; $3.00 per doz.
Phoenix Canariensis:
7-in., 24 in. high, at $1.50.
8-in., 30 in. high, at $2.50.
9-in., 48-50 in. high, at $6.00-$7.00.
9-in., 60-64 in. high, at $12.00.
Extra large, 7 feet and more, at $40.00.

PHOENIX RECLINATA

Fine 3-in. stock, at $1.25 per doz.; $10.00 per 100.
Fine 4-in. stock, at $3.00 per doz.; $24.00 per 100.

ASPARAGUS

Asparagus Plumosus, 2-in., at $3.00 per 100.
Asparagus Plumosus, 3-in., at $6.00 per 100.
Asparagus Plumosus, 4-in., at $1.50 per doz.; $12.00 per 100.
Asparagus Sprengeri, 2-in., at $2.50 per 100.
Asparagus Sprengeri, 3-in., at $5.00 per 100.
Asparagus Sprengeri, 4-in., at $1.25 per doz.; $10.00 per 100.

BAY TREES

Standards: Stem	Crown	Price per pair
2 ft.	20-22-in.	$10.00
2 ft.	24-in.	12.00
2 ft. 6 in.	2 ft.	12.00
3 ft.	2 ft.	12.00
4 ft.	2 ft. 3 in.	16.00
4 ft.	2 ft. 6 in.	20.00
2 ft. 5 in.	2 ft. 6 in.	20.00
4 ft.	3 ft.	25.00
4 ft.	3 ft. to 3 ft. 6 in.	30.00

BOXWOOD

Bushes, 10-in., at 25c; $3.00 per doz.
Bushes, 12-in., at 30c; $3.60 per doz.
Bushes, 12-in., extra heavy, 10 in. wide, at 40c; $4.80 per doz.
Bushes, 15-in., at 50c; $6.00 per doz.
Bushes, 18-in., at $1.00.
Bushes, 24-in., at $1.25.
Pyramids, 30-in., at $2.00.
Pyramids, 36-in., at $3.00.
Pyramids, 3½-ft., at $3.50.
Pyramids, 4-ft., at $4.00.
Standards, 2-ft. stem, 12-15-in. crown, $2.00.

MISCELLANEOUS PLANTS

Araucaria Excelsa:
4-in., at 50c; $6.00 per doz.
Araucaria Excelsa Compacta:
5-in., at $1.25 each.
6-in., at $1.50 each.
Araucaria Excelsa Glauca:
5-in., at $1.25 each.
Dracaena Fragrans:
3-in., at $1.80 per doz.
4-in., at $3.00 per doz.
5-in., at $6.00 per doz.
Dracaena Hybrida Lord Wolseley, fine plants, 4-in., at 50c.

DRACAENA INDIVISA

2-in., at $3.00 per 100.
3-in., at 75c per doz.; $5.00 per 100.
4-in., at $1.25 per doz.; $10.00 per 100.00.
5-in., at $3.00 per doz.; $24.00 per 100.
7-in., at 50c and 75c each; 7-in., extra fine plants, at $1.00 each.
Dracaena Lindenii, 4-in., at $6.00 per doz.
Dracaena Massangeana, 3-in., at $2.50 per doz.
Dracaena Massangeana, 4-in., at $5.00 per doz.
Dracaena Massangeana, 5-in., at $7.00 per doz.
Dracaena Terminalis, fine plants, 5-in., at 75c.

FICUS ELASTICA

We have a fine stock of these popular house plants.
4-in., at $3.00 per doz.; $24.00 per 100.
5-in., at $4.20 per doz.; $34.00 per 100.
6-in., at $6.00 per doz.
Ficus Pandurata, 4-in., at 50c each.
Ficus Pandurata, 5-in., at 75c each.
Ficus Pandurata, 6-in., at $2.50 each.
Hydrangeas, Otaksa, 5-in., 3-4 leads, $3.00 per doz.
Hydrangeas, Otaksa, 9 and 10-in., extra strong, at 75c and $1.00 each.
Hydrangeas, French varieties, pink, white and blue mixed.
Hydrangeas, 5-in., at $2.40 per doz.

IVY, ENGLISH

2-in., at $2.50 per 100; $24.00 per 1,000.
4-in., bushy plants, with long vines, at $10.00 and $12.00 per 100.
Laurocerasus Schipkaensis, evergreen ornamental shrubs, at 75c each.
Pandanus Veitchii, 3-in., at $3.50 per doz.
Pandanus Veitchii, 4-in., at $6.00 per doz.
Pandanus Veitchii, 5-in., at $9.00 per doz.
Petunias, double assorted or in separate colors, pure white and violet, at $3.00 per 100.
Primula Obconica, 5-in., at $1.00 per doz.; $8.00 per 100.
Snapdragons, Silver Pink, 4-in., at $2.00 per doz.; $15.00 per 100.
Tradescantia Zebrina, 2-in., at $2.00 per 100.
Tradescantia Zebrina, 3-in., at $6.00 per 100.
Tradescantia Zebrina, 4-in., at $8.00 per 100.
Tradescantia Albo-striata, white striped, 2-in., at $4.00 per 100.
Tradescantia Albo-striata, white striped, 4-in., at $1.00 per doz.; $8.00 per 100.
Verbenas, assorted, 2-in., at $3.00 per 100.
Vincas, variegated, 2-in., at $3.00 per 100.
Vincas, variegated, 3-in., at $6.00 per 100.
Vincas, variegated, 4-in., bushy, with long vines, at $10.00 per 100.

BEDDING PLANTS

Alternanthera Brilliantissima, strong, benched plants, at $7.00 per 1,000.
Alternanthera Aurea Nana, strong, benched plants, at $7.00 per 1,000.
Coleus Golden Bedder, 2-in., at $2.50 per 100.
Coleus Verschaffeltii, 2-in., at $2.50 per 100.
Coleus, Red and Yellow Pfister, at $2.50 per 100.
Coleus Brilliancy, 2-in., at $3.50 per 100.
Geraniums, Mme. Salleroi, 2-in., at $2.50 per 100.
Geraniums, Mme. Salleroi, 3-in., at $5.00 per 100.

CANNAS—Divided Clumps

Chas. Henderson, at $2.50 per 100; $20.00 per 1,000.
Pennsylvania, at $2.00 per 100.
Venus, at $2.00 per 100.
Florence Vaughan, at $2.00 per 100.
Anthony Crozy, at $2.50 per 100.
Tritoma Pfitzeri, at $3.00 per 100.

BULBS AND RHIZOMES

CANNAS. See Bedding Plants.

GLADIOLUS.

Mrs. Francis King, 1st size, at $2.00 per 100; $18.00 per 1,000.
Mrs. Francis King, 2nd size, at $1.30 per 100; $12.00 per 1,000.
Mrs. Francis King, 3rd size, at $1.00 per 100; $8.00 per 1,000.
America, 1st size, at $2.25 per 100; $20.00 per 1,000.
Brenchleyensis, 1st size, at $2.00 per 100; $18.00 per 1,000.
Best mixture, 1st size, at $1.30 per 100; $12.00 per 1,000.
Ismene Calathina, at $4.00 per 100.

PEONIES

For Spring or Fall delivery.
Faust:
Assorted pink, white and red.
Strong, undivided clumps, at 30c and 35c each.
Divided roots, with 2-3 eyes, at 10c each.
Spiraea Gladstone, strong clumps, at $1.50 per doz.
Spiraea Peach Blossom, at $2.00 per doz.
Tritoma Pfitzeri, see Bedding Plants.

HARDY VINES

Boston Ivy (Ampelopsis Veitchii), pot-grown, 4-in., $1.50 per doz.
Aristolochia Sipho (Dutchman's Pipe), big clumps with 5 to 6 vines, at 40c each.
Clematis Jackmani, strong plants, in 6-in. pots, at 35c each.
Lonicera, trumpet vine, or honeysuckle, white, red and yellow, at 50c each.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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We have 200,000 Carnation Cuttings in the following varieties, ready

FOR IMMEDIATE SHIPMENT.

	Per 100	Per 1000
White Wonder	$3.00	$25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
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Mrs. C. W. Ward	$2.50	$20.00
Northport	2.50	20.00
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Commodore	2.50	20.00
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	Per 100	Per 1000
Matchless	$6.00	$50.00
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Write Us for Prices on Large Orders. We Guarantee Satisfaction.

J. D. Thompson Carnation Co.,
JOLIET, ILLINOIS.

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Good, strong, well-established plants in 2¼-inch pots of the exceedingly

Valuable New Roses

Ophelia, Francis Scott Key, and Prince E. C. D'Arenberg.

Growers will find all of these valuable additions to the list of standard varieties. They have been tested thoroughly, and have been found to have exceptional value.

OPHELIA. No fancy rose ever introduced possesses so many excellent qualities. It is a splendid grower, a very free bloomer, and has fine stems. It sells on sight. The demand undoubtedly will exceed the supply. Anticipating the large demand, we have propagated it extensively. Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

FRANCIS SCOTT KEY. This variety, raised by Mr. John Cook, is very distinct, being entirely different from any of the indoor roses grown today. Flowers are rosy red, and are unusually large and double, resembling very much a very full, double hardy garden rose. Coupled with its large size and double form, it is an exceedingly free bloomer. It promises to be exceedingly valuable, especially for spring, summer, and fall flowering, when other less double roses are difficult to handle. Its keeping qualities are remarkable.

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PRINCE E. C. D'ARENBERG. This variety might well have been termed Red Killarney, as it possesses so many of the good qualities of the Killarneys. In color, the flowers are similar to Richmond, but they are much more double, and it should prove a very much more profitable rose. Flowers have fine straight stems on all the grades—from the shortest to the longest. It has fine foliage, comes away quickly, and is even a freer bloomer than the Killarneys. We believe it is the best all-round red rose that we have today.

Strong plants on own roots, 2¼-in. pots, now ready, $12.00 per 100; $90.00 per 1000.

We will be glad to quote on application prices on all the newer and standard varieties—strong grafted plants ready in March.

F. R. PIERSON, Tarrytown, New York

IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in. 25c
" " " 18-in. 45c
" " " 30-in. 2.00

Pyramids, 36-in. $1.75
" 42-in. 2.25
" 48 in. 3.25

Globes, 18 by 18-in. 3.00

Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei, 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.

Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped, $1.50 each.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

Vaughan's Cannas

Headquarters for all leading varieties.

NEW CANNA FIREBIRD, The best red-flowered, green leaved canna, Doz., $6.50; 100, $50.00

	Per 100	Per 1000
Allemania	$2.50	$20.00
Beaute Poitevine	3.50	30.00
Burbank	2.50	20.00
Buttercup	5.00	40.00
Chas. Henderson	2.50	20.00
Comte de Sachs	2.50	20.00
David Harum	3.50	30.00
Egandale	3.50	30.00
Florence Vaughan	3.50	30.00
Frederick Benary	$3.50	$30.00
Hungaria, $2 doz.	18.00	
Im. Mont Blanc	7.00	65.00
King Humbert	4.00	35.00
Long Branch	5.00	45.00
Louisiana	2.50	20.00
Mad. Crozy	3.00	25.00
Milwaukee	3.50	30.00
Mrs. A. Conard	12.00	100.00
Mrs. Karl Kelsey	$3.50	$30.00
New Chicago	10.00	90.00
Niagara	2.50	20.00
Prince Wied	2.50	20.00
Queen Charlotte	3.50	30 00
Souv. de A. Crozy	3.50	30.00
The Express	5.00	40.00
Venus	3.50	30.00
Wm. Sanders	5.00	45.00
Wyoming	3.00	25.00

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THE UP-TO-DATE AND POPULAR VARIETIES.

	2½ inch pots O. R. Per 100	2½ inch pots Grafted Per 100
Geo. Elgar, New Yellow Cecile Brunner	$15.00	$25.00
Hoosier Beauty, The New Red Rose		35.00
Mrs. F. F. Thompson, Shell Pink, Sport of Shawyer	30.00	35.00
New White Shawyer	30.00	35.00
	Per 1000	Per 1000
Mrs. Chas. Russell		$130.00
Mrs. Geo. Shawyer	$65.00	110.00
Killarney Brilliant	$60.00	$110.00
Sunburst	65.00	100.00
Francis Scott Key	100.00	100.00
Ophelia	100.00	130.00
Hadley	80.00	120.00
Prince E. C de Arenberg	65.00	120.00
Milady	65.00	120.00

For 3½ inch plants wanted at planting time write for special quotations.

FIELD-GROWN ROSE STOCK

CLIMBING ROSES—	2 yr. Per 100	3 yr. Per 100
Alberic Barbier	$14.00	$16.00
Crimson Rambler	15.00	18.00
Desire Bergera	15.00	
Delight	15.00	18.00
Dorothy Perkins	15.00	18.00
Excelsa	18.00	20.00
Flower of Fairfield	16.00	18.00
Lady Gay	15.00	18.00
Tausendschon	16.00	18.00
White Dorothy Perkins	16.00	18.00
BABY RAMBLER ROSES—		
Crimson Baby Rambler	14.00	16.00
Erna Teschendorff	18.00	22.00
Jessie	18.00	20.00
Mad. J. Gouchault	35.00	

HYBRID PERPETUAL ROSES—	2 yr. Per 100
Alfred Colomb	$14.00
American Beauty	15.00
Baroness Rothschild	14.00
Fisher Holmes	15.00
Frau K. Druschki	14.00
Gen. Jacqueminot	14.00
John Hopper	14.00
Mabel Morrison	15.00
Magna Charta	$14.00
Marshall P. Wilder	15.00
Mrs. J. Laing	14.00
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Prince C. de Rohan	14.00
Ulrich Brunner	14.00
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HYBRID TEA ROSES—	2 yr. Per 100
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Capt. Christy	15.00
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Mrs. Aaron Ward	18.00
White Killarney	20.00
VARIOUS ROSES—	
Rugosa Alba	15.00
" Rubra	14.00

Choice Ferns

Assorted Ferns for Dishes—	Doz.	Per 100	Per 1000
A choice assortment, our selection of varieties, 2¼-inch	$0.50	$ 3.00	$25.00
Boston Ferns—	Each	Doz.	Per 100
3-inch pots	$0.15	$ 1.25	$ 8.00
4-inch pots	.25	2.50	20.00
5-inch pots	.40	4.50	35.00
6-inch pots	.75	8.00	60.00
7-inch pots	1.00	10.00	75.00
8-inch pots	1.25	14.00	100.00

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FOR IMMEDIATE DELIVERY.

	Per 100	Per 1000
Alice	$12.00	$100.00
Champion	6.00	50.00
Enchantress	3.00	25.00
Glorioza	3.00	25.00
Good Cheer	12.00	100.00
Herald	3.50	30.00
Matchless	6.00	50.00
Pink Sensation	12.00	100.00
Philadelphia	3.00	25.00
Rosette	3.00	25.00
White Enchantress	3.00	25.00
White Wonder	3.00	25.00

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Greenhouses: Western Springs, Illinois.

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We have grown this magnificent rose the past season, with most gratifying results. As a free and vigorous grower and great producer it has no equal. It sets bud freely in the short days of winter, and is now coming in with a heavy midwinter crop, doing equally well on grafts or own roots.

MRS. GEORGE SHAWYER is at present more favorably thought of than ever, and we intend to again plant it heavily this season. As a money getter, our experience has proven its superiority over all sorts, and having grown extensively on own roots and grafts, we have no hesitancy in stating that like Sunburst, it does better on own roots.

We will have a splendid lot of both varieties, (grafts and own root), ready for shipment about the middle of March, together with a choice lot of **Sunburst, Ward, Prince d' Arenberg, White and Pink Killarney,** cutting taken from sand the latter part of December. For prices and further particulars write

F. J. BENTHEY, 165 N. Wabash Ave., CHICAGO

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Pink Killarney, White Killarney, Richmond	$ 2.00 per 100
	18.00 per 1000

BENCH ROSE PLANTS

American Beauty, Pink Killarney, Richmond	$ 6.00 per 100
	50.00 per 1000

Extra fine stock ready now. Satisfaction Guaranteed.

George Reinberg

162 North Wabash Ave., - - CHICAGO, ILL.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.
Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Bougainvillea Glabra Sanderiana, 4-in. pots well trimmed, $15.00 per 100.
Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Geranium S. A. Nutt, 2¼ in. pot plant, $2.50 per 100, $25.00 per 1000.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Impatiens Sultana, Hybrids in all colors, $4.00 per 100.
Lantanas, distinct varieties, $4.00 per 100.

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MATCHLESS A GREAT SUCCESS

MATCHLESS is the best and most profitable white carnation to grow, having no equal in earliness, vigor of growth and production. It is superior in size, fragrance and keeping qualities and is non-bursting. It is a continuous bloomer and is handled with ease by any grower.

Fine Rooted Cuttings for Immediate Delivery,
$6.00 per 100; $50.00 per 1000; $112.50 per 2500; $200.00 per 5000.
We also offer MRS. C. W. WARD,
$3.00 per 100; $25.00 per 1000.

Cottage Gardens Co., Inc. Queens, New York

Newport, R. I.

After nosing around a while, I found James Watt, the gardener, in the stokehole gathering some very fine mushrooms. One which I saw weighed four ounces. Mr. Watt called attention to a batch of Cypripedium splendens, and said this variety did well if grown cool; otherwise, it would drop its buds. These plants were in flower and look nice. A house of Carnations Ward and Enchantress is well grown, as all stock seemed to be about this place.

Under the patronage of the winter colony of society people, a mid-winter flower show for house plants will be held at the Civic League House March 9-10. The object of the show is to encourage public school children and others, not professionals, to grow plants and flowers. A first prize will be awarded in each class where three entries are made, and an honorable mention as a second prize, if over three entries. Admission will be free.

The appointment of John B. Sullivan, as postmaster of Newport, is quite a step to take from the occupation of gardener. He, along with being a good gardener, is an able speaker, and in recent years has shown much ability in both state and municipal affairs, hence the appointment.

A visit to Mrs. G. W. Welds greenhouses showed a handsome bench of Amaryllis Hippeastrum. These beautiful hybrids, with their clusters of the richest scarlet and blood-red blooms, were a sight worth seeing.

At the next meeting of the Newport Horticultural Society, Robert Pyle, president of the Conard & Jones Co., West Grove, Pa., will deliver a lecture, the subject being, "Among the Roses at Home and Abroad."

J. J. B.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. ceda tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3 in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9 in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

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154 N. Wabash Ave., CHICAGO

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GERANIUMS

All sold until the latter part of February. March delivery guaranteed to reach any point east of the Mississippi River in good growing condition. **Nutt,** $12.50 per 1000. **Ricard** and **Poitevine,** $15.00 per 1000.

Asparagus Plumosus, fine lot ready now at $2.50 per 100; $25.00 per 1000.

ALBERT M. HERR, LANCASTER, PA.

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SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.
Prices low. Send for list.

Wood Brothers, FISHKILL New York

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250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000		Per 100	Per 1000
White Enchantress	$2.00	$17.50	**Herald** (extra fine red)	$3.00	$27.50
Pink Enchantress	2.00	17.50	**Josie Merle** (fine pink seedling)	3.00	27.50
Rose Pink Enchantress	2.00	17.50	**Philadelphia**	4.00	30.00
Mrs. Ward (dark pink)	2.00	17.50	**Washington**	3.00	25.00
White Perfection	2.00	17.50			

ROSE PLANTS

Extra fine 2½ inch stock. Order now.

Richmond	$3.00 per 100;	$25.00 per 1000
Sunburst	4.00 per 100;	35.00 per 1000

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

Mention the American Florist when writing.

SMILAX

Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.

Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

J. C. SCHMIDT. Bristol, Pa.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

Choice Grafted Roses

Fine plants in 2½-inch pots, all selected wood on extra selected English Manetti Roots.

	Per 100	Per 1000
Ophelia, now ready for shipment.	$12.00	$100.00
Rhea Reid	12.00	
Mrs. Russell, ready May 1.	12.00	100.00
Hadley, " "	12.00	100.00
D'Arenberg, ready May 1.	$12.00	$100.00
Bulgarie, ready April 15	12.00	100.00
Richmond, " "	12.00	100.00
Shawyer, " "	12.00	100.00

Killarney Brilliant, Pink Killarney and White Killarney,
ready April 1 per 100, $10.00.

Our young grafted plants have a national reputation for choice quality, the same customers renewing their orders each year. All plants are shipped from our greenhouses, Hinsdale, Ill.

Bassett & Washburn, **Office, 131 N Wabash Avenue, CHICAGO.**

GREENHOUSES, HINSDALE, ILL.

Some Excellent Stock

Size of pots.	Per 100	1000
2½ in. **Asparagus Plumosus**	$3.00	$25.00
4 in. **Asparagus Plumosus**	7.50	70.00
2½ in. **Asparagus Sprengeri**	2.50	22.50
4 in. **Asparagus Sprengeri**	6.50	60.00
2¼ in. **Abutilons,** 8 varieties	3.00	25.00
3½ in. **Begonia,** flowering in bloom	8.00	75.00
3½ in. **Cinerarias,** choice mixed	6.50	60.00
3 in. **Cyclamens,** ass't varieties	8.50	80.00
2¼ in. **Fuchsias,** 15 choice varieties	3.00	25.00
2¼ in. **Heliotropes,** 3 varieties	3.00	25.00
2½ in. **Marguerites,** white and yellow	2.75	25.00
2½ in. **Marguerite** Mrs. Sanders	3.00	28.00
4 in. **Primula Obconica,** in bud and bloom	7.50	70.00
3 in. **Primula Obconica,** in bud and bloom	4.00	38.00
3½ in. **Vinca Variegata**	6.50	60.00

5 and 6 in. **Dracaena Indivisa,** 20c and 25c each.

Geraniums, 2 and 2¼ in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, etc., $2.50 per 100; $20.00 per 1000.

Also abundance of other stock, including 30 varieties of **Canna Bulbs.** Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

Wanted To Exchange

Standard variety of chrysanthemum rooted cuttings, for White Enchantress carnation rooted cuttings. Address

FAIRVIEW GREENHOUSES, Belvidere, Ill.

CROSS ROADS, O.—Fire destroyed the greenhouse belonging to Frank Whitemore, February 12.

CAMBRIDGE, O.—Fred W. Arnold reports all stock doing nicely in his new range of 30,000 feet. Mr. Arnold recently opened a store in the shopping district and finds trade greatly improved, having formerly transacted all business at the greenhouses.

GRAND RAPIDS, MICH.—The Michigan State Horticultural Society in its recent meeting in Muskegon decided hereafter to hold its annual meetings in this city the first Tuesday, Wednesday and Thursday of December. The society has been holding its meetings at different places each year, but it has been found that instead of increasing the interest the attendance shows little increase from year to year.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

AMERICAN FLORIST CO., 440 S. Dearborn St. **Chicago**

This Ought To Be OF INTEREST To YOU.

That **Local Growers** have placed the **Largest Individual Orders** for my

New Carnation "Alice"

offered to the Trade this season. Some have doubled, and trebled their orders on successive visits. The color is an exquisite shade of clear soft pink, midway between Enchantress and Gloriosa. Habit of plant ideal, strong, very early, and a continuous, and without doubt the most productive commercial variety I have offered to date.

Prices: Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

If you have not seen it, send for descriptive circular, and get your **order** in **now. Over** 200,000 sold.

PETER FISHER, - Ellis, Mass.

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000. Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1 00. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

ATLANTA, GA.—The flower stores all report good business for the past week, funeral work being very heavy. Bulbous stock is plentiful and pot plants are selling well. The window displays have been very attractive.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.
Money orders payable at Lowdham, Notts.

Address Editors of "H. A."

Chilwell Nurseries, LOWDHAM, Notts, England

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternanthera Brilliantissimi and Aureau Nana, benched plants, $7 per 1,000. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Alternantheras, red and yellow, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

AMPELOPSIS.

25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

Ampelopsis Veitchii, pot-grown, 4-in., $1.50 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

ANTIRRHINUMS.

NELROSE, the new perpetual-flowering variety. Famous in America and Europe. Plants, $6 per 100; $50 per 1,000. Seed, $1 per trade packet. F. W. FLETCHER, Originator, Auburndale, Boston, Mass.

ARAUCARIAS.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Asparagus, plumosus, 2-in., $3 per 100; 3-in., $6 per 100; 4-in., $1.50 per doz.; $12 per 100. Sprengeri, 2-in., $2.50 per 100; 3-in., $5 per 100; 4-in., $1.25 per doz.; $10 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRINGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Plumosus Seedlings, $5 per 1,000; transplanted at $7.50. Harry Bailey, R. F. D. No. 6, Los Angeles, Calif.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, $2.50 per 100; $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in. pots, 10-12 leaves, $1 each; variegated, 5-in. pots, 10-12 leaves, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

REMEBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: white, pink, lavender and purple. Price, $5 per oz. Cash with order.
ALBERT A. SAWYER, Forest Park, Ill.

AZALEAS.

Azaleas, all the leading varieties, from 65c to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

BAY TREES.

Standards: Stem	Crown	Price per pair
2 feet.	20-22-in.	$10.00
2 feet.	24-in.	12.00
2 ft. 6 in.	2 ft.	12.00
3 ft.	2 ft.	12.00
4 ft.	2 ft. 3 in.	16.00
4 ft.	2 ft. 6 in.	20.00
2 ft. 5 in.	2 ft. 6 in.	20.00
4 ft.	3 ft.	25.00
4 ft.	3 ft. to 3 ft. 6 in.	30.00

THE GEO. WITTBOLD CO., 739 Buckingham Place, Chicago

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIA LUMINOSA, fine 4-inch, in bloom, 10c; fine 3-inch, bud and bloom, 7c; good 2-inch, $2 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOXWOOD.

Boxwoods, bushes: 10-in., 25c each; $3 per doz.; 12-in., 30c each; $3.60 per doz.; 12-in., heavy, 10 ins. wide, 40c each; $4.80 per doz.; 15-in., 50c each; $6 per doz.; 18-in., $1 each; 24-in., $1.25. Pyramids, 30 in., $2 each; 36-in., $3 each; 3½ ft., $3.50 each; 4 ft., $4 each. Standards, 2-ft. stem, 12-15-in. crown, $2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in., $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Begonias, tuberous rooted giant flowering varieties: Singles—white, scarlet, yellow, pink, 40c per doz.; $2.50 per 100; $20 per 1,000; mixed, 35c per doz.; $2 per 100; $18 per 1,000. Doubles—white, scarlet, yellow, pink, 50c per doz.; $3.50 per 100; $30 per 1,000; mixed, 50c per doz.; $3 per 100; $28 per 1,000. Lily bulbs: Album, 8-9-inch, $12 per 100; Auratum, 9-11-inch, $10 per 100; Rubrum, 8-9-inch, $6 per 100; 9-11-inch, $9 per 100. Tuberoses: True dwarf Pearl, mammoth, 6-8-inch, $15 per 1,000; first size, 4-6-inch, $8.50 per 1,000; medium, 3-4-inch, $5 per 1,000. Caladium Esculentum, 5-7-inch, $1.75 per 100; $15 per 1,000; 7-9-inch, $3.50 per 100; $30 per 1,000; 9-11-inch, $5.50 per 100; $55 per 1,000. Cold storage Lilies: L. Giganteum, 7-9-inch, 300 to case, $16 per case; 8-10-inch, 225 to case, $16 per case; 9-10-inch, 200 to case, $20 per case. Lil. Rubrum, 8-9-inch, 170 to case, $10 per case; 9-11-inch, 100 to case, $9 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, tuberous rooted begonias, single: in five separate colors, 50c per doz.; $3 per 100; double: Five separate colors, 60c per doz.; $4.50 per 100. Caladium, fancy leaf, $2.25 per doz.; $15 per 100. Gladiolus, America, $1.40 per 100; $12 per 1,000; Augusta, $1.60 per 100; $14 per 1,000; Francis King, $1.60 per 100; $14 per 1,000; Chicago White, $3.50 per 100; $30 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, cold storage, gianteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, complete assortment of summer flowering. Joseph Breck & Sons, Corporation, 47-54 N. Market St., Boston, Mass.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, all kinds. Arthur T. Boddington, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, strong tubers, 3 to 5 eyes, as follows: King Humbert, $2.50 per 100; Pennsylvania, Betsy Ross, Louisiana and Florence Vaughan, at $1.50 per 100; $12 per 1,000. Less 10 per cent for cash with order. ELITCH-LONG GREENHOUSES, Denver, Colo.

Cannas, divided clumps. Chas. Henderson, $2.50 per 100. Pennsylvania, $2. Venus, $2. Florence Vaughan, $2. Anthony Crozy, $2.50. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., $1.25 per 100. Joseph H. Cunningham, Delaware, O.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Cannas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

CARNATIONS.

ROOTED CARNATION CUTTINGS.

We have 200,000 carnation cuttings in the following varieties ready for IMMEDIATE SHIPMENT:

	Per 100	Per 1,000
White Wonder	$3.00	$25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Champion	6.00	50.00
Commodore	2.50	20.00
Beacon	3.00	25.00
For March Delivery.		
Matchless	$6.00	$50.00
Princess Dagmar	6.00	50.00

Write us for prices on large orders.
We guarantee satisfaction.
J. D. THOMPSON CARNATION CO.,
JOLIET, ILLINOIS.

Carnations, White Enchantress, Pink Enchantrses, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, Josie Merle, $3 per 100; $27.50 per 1,000. Philadelphia, $4 per 100; $30 per 1,000. Washington, $3 per 100; $25 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1,000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1,000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.
162 N. Wabash Ave. Chicago.

75,000 EXTRA FINE CARNATION CUTTINGS. Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1,000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora. Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

ROOTED CARNATION CUTTINGS.
White Enchantress, Enchantress, Rose Pink and Beacon, $2 per 100; $15 per 1,000.
WILLIAM MURPHY,
Wholesale Commission Florist,
329 Main St., Cincinnati, Ohio.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

ROOTED CARNATION CUTTINGS.
Ready by March 10. Cash with order.

	Per 100	Per 1,000
Pink Enchantress	$1.50	$13.00
Mrs. C. W. Ward	2.00	17.50

NICK DAHM,
MORTON GROVE, ILLINOIS

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Philadelphia, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald, $3.50 per 100; $30 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Matchless, rooted cuttings, $6 per 100; $50 per 1,000; $112.50 per 2,500; $200 per 5,000. Cottage Gardens Co., Inc., Queens, New York.

Carnations. Wood Bros., Fishkill, N. Y.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnation Belle Washburn, rooted cuttings for Jan. 1, 1916, delivery, $12 per 100; $100 per 1,000. Bassett & Washburn, 131 N. Wabash Ave., Chicago.

CHRYSANTHEMUMS.

ROOTED CHRYSANTHEMUM CUTTINGS.
February and March Delivery.
WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.
POMPON CUTTINGS.
Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.
A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum Early Frost, rooted cuttings of 2-in., pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, Golden Bedder, Verschaffeltii, red and yellow Pfister, Brilliancy, 2-in., $2.50 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamen, in bloom, 5-in., 35c; 6-in., 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

DAHLIAS.

Dahlias, Mrs. J. C. Vaughan, $50 per 100. Great Britain, $30. Hort. Fiet., $25. Chatenay, $50. Leo XIII, $30. Geisha, $12. America, $20. Avalanche, $20. Alice Roosevelt, $10. Dr. Perry, $12. Warnaar & Co., care of J. W. Hampton, Jr., & Co., 17 Battery Place, New York.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DRACAENAS.

Dracænas, Fragrans, 3-in., $1.80 per doz.; 4-in., $3 per doz.; 5-in., $6 per doz. Hybrida Lord Wolseley, 4-in., 50c each. Indivisa, 2-in., $3 per 100; 3-in., 75c per doz.; $5 per 100; 4-in., $1.25 per doz.; $10 per 100; 5-in., $3 per doz.; $24 per 100; 7-in., 50c and 75c each; 7-in., extra fine, $1 each. Lindenii, 4-in., $6 per doz. Massangeana, 3-in., $2.50 per doz.; 4-in., $5 per doz.; 5-in., $7 per doz. Terminalis, 5-in., 75c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

ECHEVERIAS.

Echeveria Secunda Glauca, rooted cuttings, large, $2 per 100; small, $1.25 per 100; prepaid. Cash with order. JOS. BANCROFT & SON, Inc., Cedar Falls, Iowa.

FERNS.

Ferns, 4-in., Bostons, Springfieldi, Roosevelt, Amerpohli, Whitmani, Plumosus and Sprengeri (assorted orders), at $7 per 100. 6-inch Bostons, Roosevelt, Springfieldi (assorted), $10 per 100. The best value in plants you ever bought; one trial will convince you. Cash orders; too large for any credit business. NEWELL & USTLER, Apopka, Florida, the plant with a reputation.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, dish ferns, including aspidium, cyrtomium, falcatum, Pteris Mayi, Wilsoni, etc., $3 per 100; $25 per 1,000. Adiantum Croweanum, 5-in., 20c; Adiantum Glory of Mordrecht, 5-in., 35c; 4-in., 25c. Cibotium Schiedei, 5-in., 75c; 6-in., $1. The Storrs & Harrison Co., Painesville, Ohio.

Boston ferns, 2-in. $3.00 per 100
Boston ferns, 3-in. 6.00 per 100
Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.
Boston out of bench, $10.00 and $15.00 per 100.
Pteris out of flats, $1.50 per 100 clumps; shipped in flats. $1.50 per flat. Cash.
ERNEST ROBER, WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

ROSTON and HARRISII FERNS, strong, 2½-inch, $3.50 per 100; $30 per 1,000; 2-inch, $3 per 100; $25 per 1,000. BOSTON WHITMANI FERNS, 5, 6 and 7-inch, 25c, 40c and 60c. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns. Boston and Whitmani, 3-in., 4 in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus elastica, 4-in., $3 per doz.; $24 per 100; 5-in., $4.20 per doz.; $34 per 100; 6-in., $6 per doz. Pandurata, 4-in., 50c each; 5-in., 75c; 6-in., $2.50. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.
Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Mme. Salleroi, 2-in., $2.50 per 100; 3-in., $5 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Geraniums, Nutt and Buchner, 2-inch, to move quick, $1.75 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and four other varieties, 2½-inch pots, $3 per 100; $25 per 1,000. Joseph H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, 2¼-in., $2.50 per 100; $25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Geraniums, Feb. and March delivery. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 2 and 2¼-in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, Buchner, etc., $2.50 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

GLADIOLUS.

Gladiolus, Mrs. Francis King, first size, $10 per 1,000; medium size, $8 per 1,000. Augusta, first size, $12 per 1,000; medium size, $10 per 1,000. America, first size, $12 per 1,000; medium size, $10 per 1,000. Hyde Park, $60 per 1,000. Chicago White, first size, $30 per 1,000; medium size, $25 per 1,000. Princeps, $30 per 1,000. Florists' Mixture, light colors, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladiolus, Mrs. Francis King, 1st size, $2 per 100; $18 per 1,000; 2nd size, $1.30 per 100; $12 per 1,000; 3rd size, $1 per 100; $8 per 1,000. America, 1st size, $2.25 per 100; $20 per 1,000. Brenchleyensis, 1st size, $2 per 100; $18 per 1,000. Best mixture, 1st size, $1.30 per 100; $12 per 1,000. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HYDRANGEAS.

Hydrangea Otaksa, 5-in., 3-4 leads, $3 per doz.; 9 and 10-inch, 75c and $1 each. French varieties, pink, white, blue, mixed, 5-in., $2.40 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Ivy, English, 2-in., $2.50 per 100; $24 per 1,000; 4-in., bushy, $10 and $12 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

English ivy from field, 20 to 30 inches, $3; from pots, 30 to 40 inches, $5 per 100. CHAS. FROST, Kenilworth, N. J.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley pips, per 1,000 from $12 to $16. Chas. Schwake & Co., Inc., 90-92 W. Broadway, New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

For Easter forcing I offer this month's surplus of 300,000 Valley pips. Florists Money Maker Brand, best Valley at moderate price, $12.50 per 1,000; $6.50 per 500; $3.50 per 250; $1.75 per 100. This stock is equally as good as any Valley imported and offered at a much higher price. To help out my foreign growers enables me to quote this low price. Chicago Market Brand, best Valley in existence, $15 per 1,000. Cold storage Valley (crop 1913), $18 per 1,000; $9.50 per 500; $5 per 250; $2 per 100. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, cold storage, extra select, very best, $2 per 100; $15 per 1,000; Hamburg, $1.50 per 100; $12 per 1,000. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Lily of the valley pips, from cold storage, 2,500 to case, $17 per 1,000. New crop, 1,000 to case, $16.25 per 1,000. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST., CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Tree seeds, fir, hemlock, spruce, cedar, pine, arbor-vitae, larch, oak, maple, cherry, catalpa, syringa, rhus, cornus. For varieties and prices see advertisement elsewhere in this issue. The D. Hill Company, Box 404, Dundee, Ill.

E. TURBAT & CO., Nurserymen, ORLEANS, France, grow all outdoor Nurseries stocks; FRUIT, Ornamental and Forest. Wholesale list on demand.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ONION SETS.

ONION SETS—32 pounds to the bushel, crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our onion sets.

YELLOW DANVER SETS.
For shipment up to the following dates:

	Price ½ Pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70
WHITE SILVER SKIN SETS.			
March 1st	.30	.55	1.60
March 15th	.35	.55	1.70
April 1st	.40	.60	1.80
RED WETHERSFIELD SETS.			
March 1st	.30	.50	1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70

J. BOLGIANO & SON,
Almost 100 years' established trade,
BALTIMORE, MD.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Palms. Julius Roehrs Co., Rutherford, N. J.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 3-in., $3.50 per doz.; 4-in., $6 per doz.; 5-in., $9 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

PANSIES.

125,000 PANSIES, Romer's Prize Winners (Germany). A grand collection, extra strong plants; worth more money, 50c per 100; $3.50 per 1,000, prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

Pansy plants, giant flowering, $2.50 per 1,000. Joseph H. Cunningham, Delaware, O.

PEONIES.

Peonies, Faust; assorted pink, white and red, undivided clumps, 30c and 35c each. Divided roots, 2-3 eyes, 10c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

PEPPERS.

CHRISTMAS PEPPERS, strong 4-inch bushy plants, full of berries, $10 per 100. A. T. Hey Floral Co., Maywood, Ill.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, dbl. assorted or in separate colors, pure white and violet, $3 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

PETUNIAS, splendid mixture of double fringed, 2-inch, $2 per 100. R. C., $1 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

PHLOXES.

Hardy perennial phloxes. For varieties and prices, see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

PRIMULAS.

Primula obconica, $1 per 100 to close out. Joseph H. Cunningham, Delaware, O.

Primula obconica, 5-in., $1 per doz.; $8 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

Privet, California, 2-year, 2 to 3 ft., 3 to 4 ft.; 3-year, 3 to 4 ft., 4 to 5 ft. Amoor River, 1-year, 12 to 18 inches, 2-year, 1½ to 2 ft., 2 to 3 ft. Berberis Thumbergii, transplanted, 9 to 12 inches and 12 to 18 inches. J. T. Lovett, Little Silver, N. J.

200,000 California, Ibata and Variegated Privet, all sizes. 100,000 Berberis Thunbergus, 1, 2 and 3-year and all other shrubs and vines. Get list now ready. Benj. Connell, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

Roses, Ophelia, Mrs. Geo. Shawyer, Sunburst, Ward, Prince d'Arenberg, White and Pink Killarney. Write for prices and further particulars. F. J. Benthey, 165 Wabash Ave., Chicago.

ROOTED ROSE CUTTINGS, Pink Killarney, White Killarney, Richmond, $2 per 100; $18 per 1,000. Bench rose plants, American Beauty, Pink Killarney, Richmond, $6 per 100; $50 per 1,000. Extra fine stock. Ready now. Satisfaction guaranteed. GEORGE REINBERG, 162 N. Wabash Ave., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

Rose plants, 2½-inch stock: Richmond, $3 per 100; $25 per 1,000. Sunburst, $4 per 100; $35 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Rose Hoosier Beauty, own root: 100 for $30; 250 for $70; 1,000 for $250. Grafts: 100 for $35; 250 for $82.50; 1,000 for $300. F. Dorner & Sons Co., LaFayette, Ind.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Hoosier Beauty, own roots: 100 for $30; 250 for $70; 1,000 for $250. Grafts: 100 for $35; 250 for $82.50; 1,000 for $300. The E. G. Hill Co., Richmond, Ind.

E. TURBAT & CO., Orleans, France. Enormous stock of Rose Trees, old and new varieties. Wholesale list on demand.

Roses, all the leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

Roses. W. & T. Smith Co., Geneva, N. Y.

SEEDS.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Fine strain Salvia Bonfire, 1914 tested seeds, 25c per 1,000. M. M. MICHAEL, Dansville, New York.

Seeds, new crop flower and vegetable. Joseph Breck & Sons, Corporation, 47-54 N. Market St., Boston, Mass.

SHAMROCKS.

Shamrock plants for St. Patrick's day, 1-inch and 2-inch, $3 per 100; $25 per 1,000. Feb. and March delivery. Poehlmann Bros Co., Morton Grove, Ill.

SMILAX.

Smilax, 2½-inch, $1.25 per 100; $10 per 1,000. J. C. Schmidt, Bristol, Pa.

SNAPDRAGONS.

Snapdragons, Silver Pink, 4-inch, $2 per doz.; $15 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

SPIREAS.

Spireas, Gladstone, 100 to case, $6. Peach Blossom, 100 to case, $7. St. Louis Seed Co., 411-13 Washington St., St. Louis, Mo.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

TRITOMAS.

Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

VINCAS.

VINCA VINES, strong 4-inch stock, variegated, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VIOLETS.

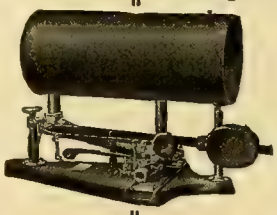
VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

TO EXCHANGE.

To exchange, standard varieties of chrysanthemums, rooted cuttings for White Enchantress carnation rooted cuttings. Fairview Greenhouses, Belvidere, Ill.

Wouldn't You?

IF you could keep the water of condensation out of your steam lines and supply your boiler with chemically pure feed water—if you could maintain a steady, even temperature in your greenhouses and feed the condensation to your boilers, placed above ground—wouldn't you be effecting a wonderful saving in time, fuel and labor? With the



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MOREHEAD MFG. CO.
DETROIT, Dept. "N" MICH.
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Wired Toothpicks

10,000 $1.75; 50,000 $7.50. Manufactured by
W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.
MICHIGAN CUT-FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. N. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

MISCELLANEOUS.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Baskets, pansy and verbena, small size, 9 ins. long, 6 ins. wide, 3 ins. deep, $9 per 1,000; 13 ins. long, 7½ ins. deep, 4 ins. wide, $15 per 1,000; detachable handles, $2 per 1,000. Coles & Co., 115 Warren St., New York.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

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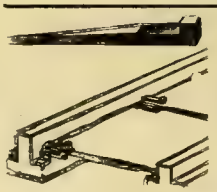

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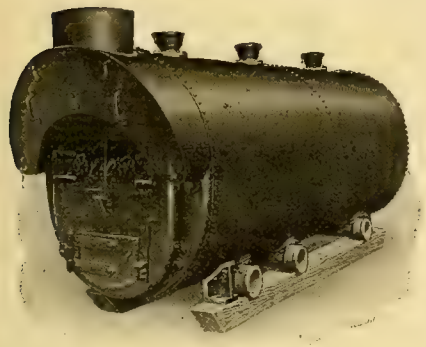

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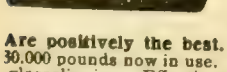

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Metal Designs, Baskets, Wire Work, and Novelties, and are dealers in **Glassware, Pottery, Decorative Greens** and all **Florists' Requisites.**
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THE AMERICAN FLORIST

America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

Vol. XLIV. **CHICAGO AND NEW YORK, MARCH 6, 1915.** **No. 1396**

THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACKORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Annual convention and exhibition, Boston, Mass., March 18-21, 1915. WALLACE R. PIERSON, Cromwell, Conn., President; ROBT. PYLE, West Grove, Pa., Vice-President, BENJAMIN HAMMOND, Fishkill-on-Hudson, N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I., July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 131-33 West Twenty-eighth street, New York, Secretary.

CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November 10-14, 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN ASSOCIATION OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

SOCIETY OF AMERICAN FLORISTS.

Executive Committee Meeting, Chicago, March 1-2.

Making Floricultural History.

President Welch, of the Society of American Florists, has every reason to feel proud of the great gathering of prominent men at the Hotel LaSalle, Chicago, March 1-2, representing the floricultural interests of America. The occasion was the annual spring meeting of the executive committee of the national organization at which its important work is discussed and regulated, including meetings, exhibitions and legislation. For the first time in the history of the society representatives of affiliated bodies participated, marking another era of trade co-operation and progress.

It was eminently fitting that such a meeting should take place in Chicago, where the Society of American Florists and Florists' Hail Association first saw the light in 1884. At this time, when so much is heard against the location of the national conventions and trade exhibitions in such outlying states as Texas, Louisiana and California, it should not be out of place to remind the trade that when the society was organized, only some 30 years ago, its birthplace was considered the far western outcoast of floriculture. There has been remarkable development in all branches of the trade during the intervening years, the handgrasp of fraternity extending from territorial to continental proportions, the confines fading away in seas and ice fields.

The first executive committee meeting of the society was held at Pittsburgh, Pa., February, 1885, and the first annual convention at Cincinnati, O., the following August. The officers of the society at that time were: John Thorpe, Queens, N. Y., president; J. M. Jordan, St. Louis, Mo., vice-president; E. G. Hill, Richmond, Ind., secretary; M. A. Hunt, Chicago, treasurer. Papers and discussions at the Cincinnati meeting included, "Diseases of Plants and Their Remedies," Charles Henderson, Jersey City, N. J.; "Plant Nomenclature," Robt. J. Halliday, Baltimore, Md.; "The Cut Flower Trade," Wm. J. Stewart, Boston, Mass.; "Roses," J. N. May, Summit, N. J.; "Spring and Summer Cut Flowers," H. Michel, St. Louis, Mo.; "Steam Versus Hot Water," John Thorpe, Queens, N. Y.

The attendance at the Chicago meeting this week was most satisfactory, only five members of the board and the national flower show committee failing to appear. Those in attendance were: Patrick Welch, Boston, Mass.; John Young, New York; W. F. Kasting, Buffalo, N. Y.; August Poehlmann, Chicago; Thomas Roland, Nahant, Mass.; J. J. Hess, Omaha, Neb.; J. A. Peterson, Cincinnati, O.; R. C. Kerr, Houston, Tex.; Wm. R. Nicholson, Framingham, Mass.; Samuel J. Goddard, Framingham, Mass.; Irwin Bertermann, Indianapolis, Ind.; George Burton, Philadelphia, Pa.; H. H. Bartsch, Boston, Mass.; Geo. Asmus, Chicago; Adolph Farenwald, Roslyn, Pa.; W. P. Craig, Philadelphia, Pa.; C. E. Critchell, Cincinnati, O., and A. F. J. Baur, Indianapolis.

Vice-President MacRorie, of San Francisco, Calif., was unable to attend owing to the pressure of work following the opening of the Panama-Pacific exposition. He sent in the names of 44 new members, however, three of them life members, and promised to meet the officers of the society at the New York show, March 17-23, with details of the local arrangements for the annual convention and trade exhibition, to be held in his city next August. Mr. MacRorie's unavoidable absence was greatly deplored, as was that of President Pierson, of the American Rose Society, President Bunyard, of the New York Florists' Club, and Chas. H. Totty, and W. N. Rudd, of the National Flower Show committee.

Details of the proceedings at the meeting will not be made public until Secretary Young finds an opportunity to send them to the trade press, but it is understood that the principal subjects of discussion were trade publicity, national flower show, convention arrangements and transportation. The proposition of the Chicago Florists'

Club transportation committee to arrange for a convention train leaving this city over the Northwestern railroad, next August, was approved and President Welch appointed a committee, consisting of President Bunyard, of the New York Florists' Club; President Burton, of the Florists' Club of Philadelphia, and President Bartsch of the Gardeners' and Florists' Club, of Boston, to co-operate with the local committee in completing arrangements.

Monday evening nearly all the visitors attended the meeting of the Chicago Florists' Club, a report of which will be found elsewhere in this issue, and they were entertained at luncheon at the Hotel LaSalle Wednesday afternoon by representative men of the local trade, where Chairman George Asmus, of the National Flower Show Committee, officiated as toastmaster, calling on the following: Phillip Breitmeyer and Albert Pochelon, Detroit, Mich.; G. E. M. Stumpp, New York; E. G. Hill, Richmond, Ind.; J. C. Vaughan, Chicago; P. Welch, Boston, Mass.; C. L. Washburn, Chicago; August Poehlmann, Chicago; John Young, New York; Wm. Kroeschell, of the Kroeschell Bros. Co., Chicago; Wm. F. Kasting, Buffalo, N. Y.; George Sykes, of the Lord & Burnham Co., Chicago; Wm. F. Gude, Washington, D. C.; Chas. Henry Fox, Philadelphia, Pa.; L. D. McNeff, Chicago; Thos. Roland, Nahant, Mass.; W. W. Barnard, Chicago; Ernst Wienhoeber, Chicago; J. J. Hess, Omaha, Neb.; H. H. Bartsch, Boston, Mass.; George Burton, Philadelphia, Pa.; Irwin Bertermann, Indianapolis, Ind.; Adolph Farenwald, Roslyn, Pa.; Alex. Henderson, Chicago.

The subjects principally discussed were publicity and credits, Mr. Washburn touching a highly responsive key in referring to the loose business methods of the trade. Everyone present was greatly interested in this topic and it will not be surprising if the opinions expressed at this gathering, representing a great part of the country, result in the formation of a credit bureau conducted by the national society.

Much sympathy was expresed with W. N. Rudd in the illness which compelled him to forego the pleasure of participating in the work of the visitors.

The Much Abused Clique.

What is the Clique? 'Tis a body of men
Who attend every meeting, not just now and then;
Who don't miss a meeting unless they are sick—
These are the men that the grouch calls "The Clique."

Who don't make a farce of that sacred word "brother,"
Who believe in the motto to "help one another;"
Who never resort to a dishonest trick—
These are the men that some call "The Clique."

The men who are seldom behind in their dues,
And who from the meetings do not carry news;
Who attend to their duties and visit the sick—
These are the men that the crank calls "The Clique."

We all should be proud of members like these—
They call them "The Clique" or whatever they please;
They never attempt any duties to dodge;
These are "the cliques" that run most every lodge.

But there are some people who always find fault,
And most of this kind are not worth their salt;
They like to start trouble, but seldom will stick—
They like to put all the work on "The Clique."

ILLINOIS STATE FLORISTS' ASSOCIATION

Annual Meeting and Exhibition, Urbana, March 2-3.

The Exhibition.

The tenth annual convention of the Illinois State Florists' Association was held at the floricultural building, University of Illinois, Urbana, March 2-3. Owing to the board of directors' meeting of the S. A. F. and O. H. being held in Chicago on the same days, the usual large exhibits from that city were missing this year, but there were good representative exhibits from the other sections of Illinois, and from our neighboring states of Indiana and Missouri and other parts of the country. The E. G. Hill Co., Richmond, Ind., exhibited four vases of roses in elegant shape, namely: Ophelia, extra fine; Lady Alice Stanley, a beautiful pink of large size; Hoosier Beauty, the well-known new red rose; and a yellow seedling, a very pretty flower. Bassett & Washburn, Chicago, Ill., staged a fine vase of their new red carnation, Belle Washburn, which was fine in form, good color, large flower carried on extra good stems, a fine variety in every way. John Steidle, Olivette, Mo., exhibited seedling carnation Sunbeam, flesh pink, fine in form, good color, a very promising commercial variety. Edward Winkler, Wakefield, Mass., showed a vase of the very pretty carnation, Morning Glow; it is not a large flower, but it has a very pretty blend of colors and appears to be a good keeper. The Mount Greenwood Cemetery Association, Morgan Park, Chicago, exhibited a nice vase of Rosette and another of crimson seedling, No. 6909-A. J. D. Thompson Carnation Co., Joliet, had on exhibition a large vase of the new scarlet carnation, Aviator, very bright in color and of good form. A. C. Brown, Springfield, exhibited vases of the following standard varieties, all in fine condition: Mrs. C. W. Ward, Beacon, White Wonder, Enchantress and Sangamo. Chas. E. Walker, Danville, staged some well grown White and Pink Enchantress. Frank B. Smith's Sons, Danville, exhibited two promising crimson seedlings, No. 2-02 and No. 108. Chas. Loveridge, Peoria, staged one vase of Killarney and one of White Killarney, which for quality were the equal of any that have been staged at these meetings heretofore; also, a well-grown vase of Philadelphia carnation. A. Washburn & Sons, Bloomington, exhibited six vases of extra fine Princess of Wales violets and some vases of winter flowering types of sweet peas. J. D. Thompson Carnation Co., Joliet, also had a very fine bright red sweet pea on exhibition. F. Dorner & Sons' Co., LaFayette, Ind., exhibited Rose Hoosier Beauty and carnations Pink Sensation and Good Cheer in fine condition. J. E. Yeats, Champaign, showed the new rose Mrs. Sarah Yeats, color of Richmond, and vases of well-grown White Killarney, Killarney, Richmond, Sunburst and Carnation White Enchantress; also a vase of callas. The plant exhibits consisted of well-grown kentias, pans of tulips, Von Sions, longiflorum lilies, azaleas and rhododendrons from J. E. Yeats, Champaign; the new begonia Mrs. J. A. Peterson, from J. A. Peterson & Sons, Westwood, Cincinnati, O.; fine pots of lily of the valley, primula obconica, spireas and deutzias from Smith, the Florist, Danville. Miscellaneous exhibits consisted of a display advertisement by Kroeschell Bros. Co., boiler makers of Chicago, and samples of flower pots and vases from the Haeger Brick & Tile Co., Elgin.

C. W. Johnson.
President-Elect Illinois State Florists' Ass'n.

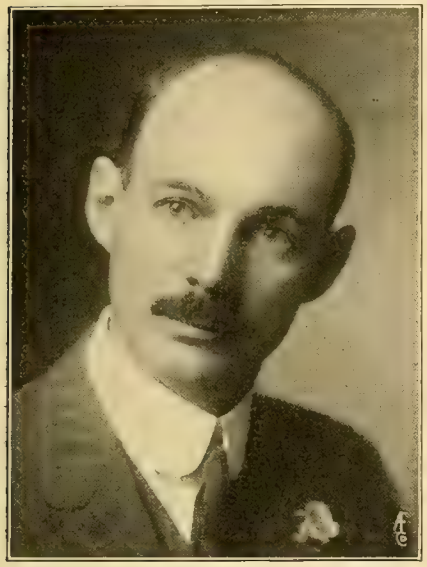
The Business Meeting.

The business meeting opened at 2:45 p. m., March 2, with President H. E. Smith in the chair. Before proceeding with the regular order of business, the members listened to a very eloquent address of welcome by Dr. E. Davenport, dean of the College of Agriculture, Urbana, Ill. The dean impressed upon his hearers the very important object of the university, which was to serve the people of the whole country, and to teach them to avoid mistakes. He spoke of the study of the economic side of production, and also of the good work that Prof. Dorner, with Prof. Blair at the back of him, was doing.

The nomination and election of officers for the ensuing year resulted as follows: C. W. Johnson, Morgan Park, president; I. L. Pillsbury, Galesburg, vice-president; J. F. Ammann, Edwardsville, secretary; F. L. Washburn, Bloomington, treasurer.

It was moved and seconded that the society hold semi-annual meetings, one of which was to be at Urbana. An invitation was received from the Tri-City Florists' Club to hold the next annual meeting at Rock Island, and was referred to the executive committee.

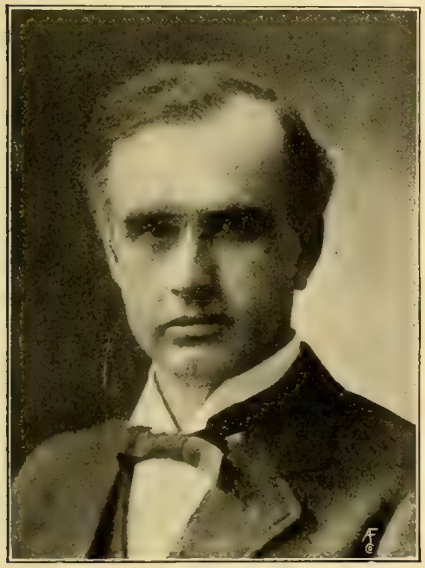
E. G. Hill, Richmond, Ind., gave one of his encouraging talks, which was greatly enjoyed by all the members present. Reports were read from the professors of the floriculture department, after which the meeting adjourned.



Herbert E. Smith.
President Illinois State Florists' Association.

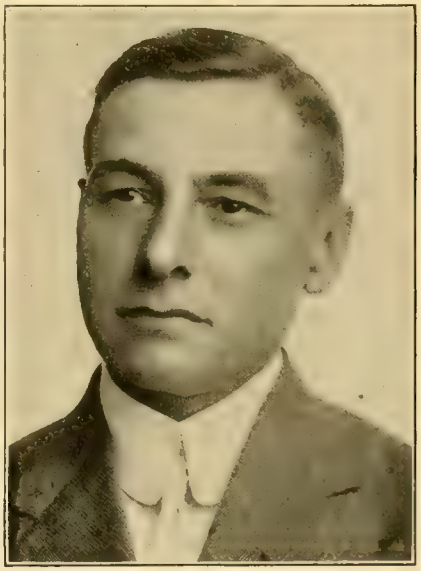
J. F. Ammann.
Secretary Illinois State Florists' Association.

Frank L. Washburn.
Treasurer Illinois State Florists' Association.



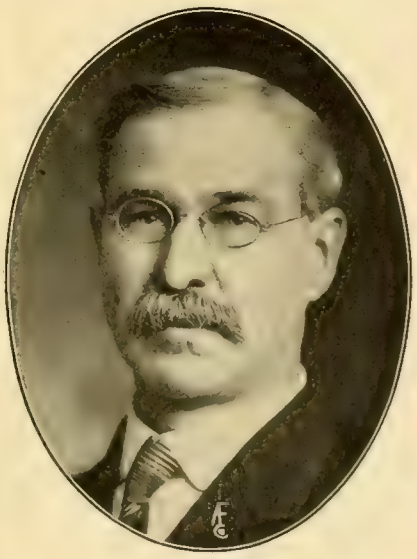
J. C. Blair.
Professor of Horticulture, University of Illinois.

E. W. Guy.
Second Vice-Pres. Illinois State Florists' Ass'n.



A. C. Kohlbrand.
Fourth Vice-Pres. Illinois State Florists' Ass'n

A. C. Brown.
Third Vice-Pres. Illinois State Florists' Ass'n.



I. L. Pillsbury.
Seventh Vice-Pres. Illinois State Florists' Ass'n.

H. B. Dorner.
Professor of Floriculture, University of Illinois.

SOME PROMINENT MEN IDENTIFIED WITH THE ILLINOIS STATE FLORISTS' ASSOCIATION CONVENTION AT URBANA, MARCH 2-3.

President Smith's Address.

Dean Davenport, members of the floriculture department and of the Illinois State Florists' Association: It is a great pleasure and benefit for our society to meet here at the experiment station, where we can see the results of the work being carried on by the floricultural staff. With this spacious service building, and the modern greenhouses attached, we can certainly feel that the commonwealth of our great state of Ilinois has become more interested in our vocation, and I hope that appropriations for additions to this plant will soon be forthcoming.

We gather here today for the tenth annual meeting and exhibition of our association; I am sure we will all be much interested in the reports of our secretary, treasurer, and the advisory committee; also the reports by the members of the department of floriculture on subjects of vital interest to all florists. Florists' conventions and exhibitions are becoming more popular and profitable each year, a fact demonstrated by the large attendance at the flower shows throughout the country. The grower who exhibits a novelty of merit at these shows is worthy of success, on account of the ever increasing demand of the flower buying public for something new—something different. A great many florists invest each year in enough plants of new varieties to give them a thorough test, and claim the better return received from the ones that make good, always offsets the loss on varieties that are not adapted to their soil and conditions. The originators of new varieties of roses, carnations, chrysanthemums and novelties in the plant line, the inventions and improvements in greenhouse building and labor-saving devices, etc., should have the hearty support of all florists. Often years of patient labor, bring results that are of more benefit to the trade in general, than to the originator.

One of the objects of the association is to promote in all possible ways the art of floriculture. Let us get together, get better acquainted and exchange ideas and experiences; perhaps some one has some new method that may be of benefit to his neighbor, and, after the two days' meeting is over, may we return to our homes feeling well repaid for the short time spent in deliberation. My thoughts are ever with the association, and I trust that what I have failed to express in words has been, or will be, accounted for by my deeds.

Report of the Secretary.

Your secretary reports an increase of annual members of only four and life members two. This is the smallest addition to our ranks in any one year since the organization.

I regret to report the death during the past year of W. L. Palinsky, of Chicago. He was among the foremost of our fellow workers, having last year secured 13 new members—more than any member ever turned in at any one time. We sincerely sympathize with his bereaved family.

It is also with deepest regret that I report the death of Mrs. Chas. Loveridge, of Peoria, the beloved wife of our worthy ex-president. She was a regular attendant at our annual gatherings. She was always cheerful, and with a good word for everyone. I am sure I voice the sentiment of each and every member of this society in extending to Mr. Loveridge and his bereaved family our deepest sympathy.

SECRETARY'S FINANCIAL STATEMENT.

Received from annual dues	$61.00
Received from life members	20.00
	$81.00
Paid secretary's expense	$34.65
Paid for printing	13.50
Paid for Florists' directory	3.00
Paid for flowers	5.00
	$56.15

Respectfully submitted.
J. F. AMMANN.

Judges' Report on Exhibits.

E. G. Hill Co., Richmond, Ind.—Pink rose, Lady Alice Stanley, awarded a score of 85 points. Rose, yellow seedling; highly commended. A vase each of Roses Ophelia and Hoosier Beauty, of excellent quality.

Chas. Loveridge, Peoria.—Vase each of White and Pink Killarney, exceptionally fine. Carnation Philadelphia; vase of well-grown flowers.

Fred Dorner & Sons' Co., La Fayette, Ind.—Rose Hoosier Beauty, Carnation Good Cheer, dark pink; good quality. Carnation Pink Sensation; light pink, long stiff stem, large size flower of exceptional merit.

J. D. Thompson Carnation Co., Joliet.—Carnation Aviator, bright red; highly commended. Sweet peas, vase of cerise Butterfly peas, unnamed, large flower, good stems.

Chas. C. Walker, Danville.—Carnations Enchantress and White Enchantress.

A. C. Brown, Springfield.—Five vases of carnations of the following varieties: Sangamo, Enchantress, White Enchantress, Beacon and Mrs. C. W. Ward.

Edward Winkler, Wakefield, Mass.—Carnation Morning Glow; a pleasing shade of pink, medium sized flower, but evidently of exceptional keeping qualities and a good shipper.

Bassett & Washburn, Hinsdale.—Carnation Belle Washburn; a red of excellent quality.

Mt. Greenwood Cemetery Association, Mt. Greenwood, Chicago.—Carnation Rosette; fine vase of flowers, evenly colored and in excellent condition. Carnation seedling, 6909-A, maroon.

Frank B. Smith's Sons, Danville.—Carnation seedling, 108-03, maroon; scored 80 points. Carnation seedling, No. 2, maroon. Display of plants consisting of lily of the valley, Primula obconica, hydrangeas, deutzias and spireas; highly commended.

John Steidle, Olivette, Mo.—Carnation Sunbeam, seedling, light pink; a variety of merit.

A. Washburn & Sons, Bloomington.—Several vases of Butterfly peas and Princess of Wales violets; good quality.

J. E. Yeats, Champaign.—Display of kentias, aucubas; bulbous stock and cut flowers consisting of callas, roses and carnations; also a vase of a new red rose, Sarah Yeats, which showed many points of merit.

J. A. Peterson & Sons, Cincinnati, Ohio.—A new reddish pink begonia of the Lorraine type; a plant of exceptional merit—had been in full flower for two months.

Haeger Brick & Tile Co., Elgin.—Display of fancy pottery and standard pots.

Kroeschell Bros. Co., Chicago.—Blue prints of heating systems of both hot water and steam—and literature describing various types of boilers manufactured by this company.

JOHN ZECH, Chicago,
EDGAR OSBORN, Danville,
GEO. A. WASHBURN, Bloomington,
Committee.

The Social Session.

The social session held at the Hotel Beardsley, Champaign, was one of the best events in the history of the Illinois State Florists' Association. Prof. H. B. Dorner opened the occasion by introducing as chairman the president of the Students' Floriculture Club of the department of floriculture, who filled the place in the most creditable manner. Prof. Blair spoke on the work of the horticulture department of the University of Illinois, the growth of the Illinois State Florists' Association during the ten years of its existence, and of the support that had been given to the work of floriculture at the university, together with what was expected for the future. Prof. H. B. Dorner spoke of the work already accomplished, what the floriculture department was now doing, and of the various lines they were taking up and working out. Mr. Dorner also said a few words in regard to the graduates who had already gone out from the department and were making good in their chosen work.

Prof. Evans, responding for the landscape division, spoke of what they were doing and how important it was to the interests of the country, and of the advantages to the florist, no matter how small his place may be, to keep in touch and follow up the work now being carried on in landscape gardening. The other speakers of the evening were: E. G. Hill, Richmond, Ind.; A. F. J. Baur, Indianapolis, Ind.; P. J. Foley, Chicago; Emil Buettner, Chicago; Ernst Wienhoeber, Chicago; H. Bruns, Chicago; John Evans, Richmond, Ind.; Chas. Loveridge, Peoria; E. F. Kurowski, Chicago; F. Oechslin, Chicago; J. M. Jansen, Holland; Retiring President H. E. Smith and each of the elected officers, who strongly urged every member to boost for the Illinois State Florists' Association.

The Visitors.

Those in attendance the opening day included the following:

Chas. J. Addems, Paxton.
J. F. Ammann, Edwardsville.
Arvid Anderson, Moline.
A. F. J. Baur, Indianapolis, Ind.
S. J. Becker, Peoria.
E. S. Boerner, Champaign.
Peter Britz, Danville.
A. C. Brown, Springfield.
H. N. Bruns, Chicago.
Emil Buettner, Chicago.
A. H. Burger, Urbana.
C. Chambers, Gibson City.
Edwin Denker, St. Charles.
Arthur Dietsch, Chicago.
H. B. Dorner, Urbana.
John Evans, Richmond, Ind.
P. J. Foley, Chicago.
E. G. Hill, Richmond, Ind.
H. B. Ingalls, Urbana.
Geo. W. Jacobs, Canton.
J. M. Jansen, Holland.
C. W. Johnson, Morgan Park, Chicago.
Chas. Johnson, Collinsville.
Harry G. Johnson, Bloomington.
Geo. A. Kaup, Champaign.
F. K. Kilner, Chicago.
E. F. Kurowski, Chicago.
F. Lautenschlager, Chicago.
C. Loveridge, Peoria.
C. A. Loveridge, Peoria.
Wm. G. Loveridge, Peoria.
D. E. Lundin, Hinsdale.
Mathias Mann, Chicago.
Harry Mohlman, Urbana.
F. W. Muncie, Urbana.
G. A. Nelson, Peoria.
F. Oechslin, Chicago.
Edgar Osborn, Danville.
A. Peterson, Gibson City.
W. J. Pilcher, Kirkwood, Mo.
I. L. Pillsbury, Galesburg.
G. M. Reburn, Chicago.
E. R. Schulz, Urbana.
H. E. Smith, Danville.
John J. Staack, Moline.
Ludwig Stapp, Rock Island.
John Steidle, Olivette, Mo.
Otto V. Subenthal, Peoria.
Chas. E. Walker, Danville.
F. L. Washburn, Bloomington.
Geo. A. Washburn, Bloomington.
Ernst Wienhoeber, Chicago.
J. E. Yeats, Champaign.
John Zech, Chicago.

Illinois University Greenhouses.

Naturally the greenhouses and the work being carried on there was the principal attraction for the members, who took full advantage of all there was to be seen. It will well repay anyone interested in any branch of the florist trade to pay a visit to the University of Illinois floricultural department at this or any other time. On this occasion we noticed a very fine lot of well-grown cineraria plants, remarkable for their large heads of bloom and fine colors. A row of sweet peas were in excellent condition, full of fine large flowers of good substance. A great improvement can be seen in the large palm house, where the plants are making good growth and filling out into good specimens. It would take too long to go into the details of the work being carried on as regards fertilizers for roses and carnations, and the investigations of the diseases of various plants, but bulletins of the work are to be published from time to time, which can be had by writing the floricultural department.

State Florists' Association of Indiana.

At the invitation of W. Frank & Sons, Portland, Ind., the State Florists' Association of Indiana held its monthly meeting with them, March 2. Automobiles were in waiting to carry the delegation to the greenhouses. Frank & Sons have a perfectly modern range of 100,000 feet of glass, consisting of seven houses 30 by 309, eve and gutter houses connected, and are of the opinion that if more field room was available in the future they would build disconnected houses with a vacuum heating system. All the new introductions of roses are being tried out, and it looks as if they would hit Easter with an enormous crop. The carnations show expert culture of all the modern standard varieties. May Day is grown for light pink, and if one could see the benches as they stand, would call this variety a "come back." A new red seedling looks promising.

The meeting was presided over by W. J. Vesey, Jr., the newly elected president. A letter from J. F. Ammann, of Edwardsville, Ill., urging all the growers in the middle west to get in line and grow exhibition blooms for the American Carnation Society's show to be held at St. Louis in 1916, was read before the meeting. Dinner was served at the Hotel Adair, the table being decorated by the Franks, and fancy roses and Portland Pride carnations were worn as favors. The Riverside Greenhouses, of Muncie, showed some fancy carnation blooms. An effort is being made to boost the membership list this year to 200 members strong to cover the entire state.

Among the members in attendance were the following: W. J. Vesey, Jr., Ft. Wayne; Herman Junge, John Hartje, O. E. Steinkamp, Indianapolis; H. J. and Harry Vanderhorst, St. Mary's, O.; J. A. Ernsberger, Celina, O.; C. H. and H. Treflinger, Van Wert, O.; E. E. Longstretch, Cincinnati, O.; I. J. Byers, Winchester; E. G. Baker, C. C. Clark, H. C. Harrison, C. A. Richardson, Clinton Stradling, Wm. Tringer, Muncie; Dillon Meyer, T. W. Tivener, Bluffton; Geo. Pastor, Huntington; H. C., C. L. and W. Frank, Portland; A. A. O'Brien, Union City; Henry B. Henley, Hartford City; E. E. Sutton, L. G. Barbier, Dunkirk; J. S. Stuart, Anderson.

O. E. S.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Retailing Flowers.

Lecture with demonstrations, delivered by Max Schling, New York, at the meeting of New York State Federation of Floral Clubs, at Cornell University, Ithaca, N. Y., February 8-12, 1915.

Every successful florist puts as much of his art into a few flowers as into a large order, and the one who buys, gets not only the flowers but the art as well. He who buys for cash, pays his dollars and cents for those particular flowers which serve his purpose, and if his purpose be defeated he does not patronize that florist again. The one who buys flowers for beauty's sake is the right flower buyer, and the florist who buys his stock, for beauty's sake is the best florist. He thus introduces those flowers to the buying public, and teaches them to appreciate flowers and to enjoy them. A good florist is not the one who sells for dollars and cents, but the man who puts his heart and his soul into his business. Every good florist studies his patrons as well as his stock. He should be as courteous to the poor patron as to the rich one. He should expect sometimes to make a personal sacrifice in order to please his customers. For example, perhaps a small child may come in with only a dime. The mother has given the child the money, and instead of buying candy, perhaps the child wants roses. Roses are a dollar and a half a dozen, but if the florist is the right kind, he will notice the child, understand the motive that has sent the child to his shop, and instead of searching for the shortest-stemmed flowers, he will give the child a fresh, long-stemmed rose, even if the price received barely covers the wholesale cost. All this is the ideal, however, and I am not here to speak about ideals; I am here to speak about retailing.

Max Schling.

The main thing in the flower business, in order to build it up and make the business grow, is to have good stock. An individual must strive not only to buy good stock and to sell that stock at good value, but to make his patron ask for his stock. In order to do this, the retailer's name must be written all over the stock. Whether selling direct to the individual or sending the flowers in response to orders, the flowers should be put in a box with the retailer's name prominently displayed. After this name has been given a prominent place, the retailer should have, behind that name, his personality, shown in the arrangement and quality of the flowers.

When making a bouquet, it is necessary to arrange the material in a way that is pleasing. Almost anything is graceful and attractive if arranged naturally, and if a florist can show his stock in such a way as to delight the eye of the public he is sure to be successful. To become a successful florist one must really serve his customers. In general, when a person comes in to give an order or to buy flowers for a friend, one will take almost anything that the florist urges. So, first of all, the good florist should ask the purpose for which the flowers are to be used. The retailer well knows that those good for dinner-table decorations are not at all suited for some other purposes.

Another essential for the successful florist is fairness. If a customer can spend ten or twelve dollars for roses at one dinner, but through the advice of the florist is able to secure that material for six or seven dollars, flowers for two dinners can be had for the price of one. Such a buyer is sure to remember the florist who aided him, and to return with other orders. If another customer has ten dollars to spend and telephones for a certain number of roses, not knowing that roses have gone down in price since the last order, the honest florist will never take advantage of his customer. Be fair with your patrons, gain their confidence, and after that their trade will always come to you.

Another big factor in the florist business is personality. There is no other business built up more largely upon individual personality than the florist's business. An up-to-date florist always uses his imagination and places himself in the position of his customer. If a young man comes in and wants a bouquet for a young lady, the florist, remembering the days of his own youth, will readily understand how such a bouquet should look. The bouquet can, and does, express personality, and the recipient must be able to read from the flowers the message which the young man intends to convey. A florist must always be able to suggest the right thing. Often his ability to estimate an individual's taste aids him in suggesting just the flowers desired. An important thing then to bear in mind is personality.

Florists who are far away from large centers, and have not the opportunities to get, at wholesale prices, all the flowers which they need in order to make a complete stock, are often handicapped. Those located in the smaller towns, where they cannot get all the best material which they would wish, such as violets and roses, are also at a disadvantage. One should remember, however, that during the summer, garden flowers, which are simple but pleasing in character, may often supply the need. Perhaps some friend or acquaintance has a small greenhouse, and during the winter, flowers from these may be obtained to fill a rush order. There is nothing prettier than the simple flowers at home. Do not spoil them, however, by

tying them up with a lot of wire, thus making a bouquet that is stiff and heavy. There is beauty in every flower, and each should show its individuality. The flower may be yellow, blue or pink, still it is beautiful, and these colors may be used in the same bouquet if they are put together in the right way. And the right way is the natural way. Accept nature as your teacher. It is not always a choice of colors that makes a thing beautiful. Life is full of color for the individual who knows how to select material. A bouquet of natural flowers, varying in tint and shade, may be far prettier than a stiff formal bouquet of one particular color. In all flower arrangement, simplicity should be followed. In arranging a corsage bouquet, a simple design is especially desirable. The flowers should be put together loosely, tying them as little as possible, yet enough so that they will hold together easily and naturally. Such a bouquet can then be pinned on the lightest dress without harm.

Floral baskets should be simple and graceful. They should be filled with plants or flowers in a natural way, with a few ferns for covering. These baskets should be planted so that the soil is completely hidden. When some one waters it, it is, therefore, necessary to put the hand into the basket to ascertain if the soil is sufficiently wet. Baskets should have but little trimming. A small bow of ribbon to brighten the basket will be sufficient. Under no circumstances should this be conspicuous enough to distract attention from the plant.

Simplicity is especially essential for centerpieces for dinner tables. The best way to construct a centerpiece is to make it in some kind of a basket, using broken ferns for filling. These are moistened and among these ferns, roses may be arranged in a natural way. In arranging the roses, it is often necessary to cut them, so that some flowers may be taller than others. Centerpieces can be made with the flowers all arranged in water at very little expense. If a florist sends out an article of this kind, which will be as fresh and pretty at the end of the dinner as at the beginning his reputation is established. If there promises to be a rush of work during the day, the centerpiece can be made in the early morning, and then put aside until it is time to arrange the dinner table. Such a method is far better than having to hurry his force to finish the order late in the day. If a patron desires to buy the flowers and make the centerpiece at home, it does not injure the florist's business, for such customers will tell their friends about their methods and there will be an increased demand for flowers for centerpieces, and for the materials used in making them. If, on the other hand, a florist makes a centerpiece, and it has poor keeping qualities, his business is injured. It always pays the florist to sell only what is best and freshest. This is true, whether one sells directly to the customer or sends flowers out. He should remember that he is selling his name and his reputation with his flowers.

There is no business which brings a business man into closer contact with his patrons than does the flower business. Purchasers of flowers need the florist all through life. For a birthday celebration, flowers are sent early in the morning, and in case a person dies that evening, flowers are needed again

Flowers are for the baby, when it comes into the world; they are used for the christening, the wedding; in fact, all the events of life. They are especially helpful in the sick-room, when a person knows no one, can talk to no one, and is interested in nothing. It is then that flowers cheer, brighten and bring comfort. They are thus enjoyed by all and needed by all. This the florist should always remember, thinking constantly of his close contact with humanity. He should thus put himself and his individuality into a work that is helpful to all mankind. This is sure to develop a successful business; in fact, it is the secret of success.

One should aim to become more than a florist, and should aspire to be an artist, for it is the ability to understand and appreciate flowers that makes the artist. When we begin to realize the beauty in flowers, when we stop to think how flowers may be utilized artistically, when we consider how we can place our flowers to the best advantage in the shop, then we are utilizing an artistic instinct. When we think for the purchaser and give him the benefit of our artistic ability, he will in turn boom our business. Thus without any special effort to succeed, we yet become successful and without putting our desire to make money first, we find that the patronage is making us prosperous.

One great trouble with florists is that no matter how good florists they may be, they are not good enough gardeners. A man who knows how to grow flowers knows how to handle them. It has been said that out of a hundred florists, eighty-five fail utterly, about ten make a bare living, three or four do a pretty good business, and one makes a decided success. One secret of success is a personal attention to business. It matters not whether a florist be beginning or whether he have thirty or forty men in his employ; no matter where he is located or how large his business is, he must always be in the store. This is not because his clerks cannot be depended upon, but because there is no other business so absolutely dependent upon the presence and personality of the owner. When one orders material for a friend, he wants it absolutely right. When a florist has a large business he cannot of course expect to serve all customers personally. What he can and must do, however, is to impress his customer with the fact that whether the order be given to the boy at the door, the telephone girl, the bookkeeper, or any of the many salesmen, it will be given careful attention. The owner must be present to see that this is carried out. Thus he insures the confidence of his patrons.

Every efficient florist realizes that he has one big factor to fight against. He is very busy during the winter months, and has little to do in summer. Florists, unlike tailors and shoemakers, cannot fill in spare time by making up their stock in advance. One thing they can do, however, during these periods when business is dull, is to make up boxes and baskets. When the great European war started, and I saw that my employes might not have sufficient work, I began to think what I could best give them to do. Instead of paying four or five hundred dollars for a certain kind of flower receptacles, I bought the material and made them up. This practice gives the men work through the dull hours, helps to "prepare for winter" in our business, and aids in keeping us all more cheerful and contented.

In closing, let me tell you an old, old story. There were once some wonderful mills and whenever one felt old and tired and discouraged, he went to the mills, and they ground out beauty, joy, pleasure, youth and contentment. These mills were lost, and for many years men searched for them in vain. They have been found again. Mother nature has given them back to us, for our flowers and plants are the old mills, come back to us again. The children of nature will inherit the beauty that others have lost; they inherit the gift of giving pleasure to humanity; and ever since the days of the lost mills it is the flowers which keep us young and happy, which bring us joy, pleasure and contentment.

ROCK ISLAND, ILL.—Plans for a new greenhouse at Long View park are being prepared under direction of Superintendent C. F. Gaetjer, and work on the structure will be started as soon as the weather settles.

GUSTAVE POEHLMANN'S PRIZE PARTY AT MORTON GROVE MASQUERADE BALL.

Who are the Happy Children?

Massachusett Agricultural College.

Under the guidance of Prof. A. H. Nehrling, 14 of the floricultural students at the Massachusetts Agricultural College, including nine of the 10 weeks men, took a three days' instruction trip to Boston and vicinity last week. The first day included visits to three prominent growers at Framingham, Mass., and to the Waban Rose Conservatories at Natick, Mass. J. T. Butterworth, the renowned orchid specialist, was the first visited. He has been in business 50 years, and it was with justifiable pride that he exhibited his valuable collection. He is using the oldest commercial greenhouse in Massachusetts, a lean-to which was built in 1848, and he finds it admirably suited to cypripediums. When asked with what he fed these plants, he replied in his characteristic way, "With brains, man, brains; nothing but brains." He emphasized the fact that nothing is thrown away on his place. Calls were next made on S. J. Goddard, past president of the American Carnation Society, and on Wm. Nicholson and his son. These men are carnation growers, especially, but they also raise minor crops. The best mignonette seen on the trip was at the Nicholsons'.

The Waban Rose Conservatories proved to be the most extensive range the students saw. The establishment consists of about 30 houses and comprises 300,000 square feet of glass. It contains the first steam boiler which was put into a greenhouse in this country. It is a Babcock & Wilcox 75 horse-power water-tube boiler, which was installed in 1862. It is no longer used regularly, but is now kept in reserve. This plant contains the first refrigerator for cut-flowers ever built in connection with a greenhouse establishment.

The second day was devoted to the markets, stores, and private estates. A study of the methods of marketing and of the prices was made at the Boston Cooperative Flower Market and at the Boston Flower Exchange. At the latter, which is the largest exchange of its kind in this country, the product of 173 establishments is offered for sale. During the remainder of the morning Penn's, Carbone's, Hoffman's, and Galvin's two stores were visited, where flowers were seen on exhibition and designs and funeral pieces were seen in the process of making. A call was also made at the wholesale store of Henry M. Robinson where such florists' supplies as baskets, wire frames, etc., were seen. The afternoon was spent at Mrs. Brandagee's estate, the Faulkner Farm, and at Larz Anderson's country place, Weld Garden, in Brookline, where the conservatories were inspected, following which the managers, Messrs. Craig and Finlayson respectively, conducted a tour over the estates pointing out the important landscape features.

On the third and last day of the trip, the class went to Wm. Sim's at Cliftondale, where excellent sweet peas and violets were seen, two crops for which this grower is noted. Mr. Sim was the first to erect greenhouses with high sides and to use wide houses for violets. The water for this range is raised by an electric pump from a drilled well 300 feet deep, at a cost of $250 yearly, whereas the cost from the city supply was formerly $1,000. Calls were also made at Thomas Roland's two ranges, one at Revere and one at Nahant. At Revere there were seen three large houss. One was devoted to 15,500 rose plants, another to sweet peas, and the third and newest house, 75x650 feet, though built for roses, was being prepared for open ground cultivation of 10,000 tomato plants. Two two-horse plows were in operation at the time, one, a subsoiler, following in the furrows of the other and incorporating manure. At the Nahant establishment were found the biggest collection of acacias in this country and the famous collection of ericas. The manager, Mr. Ringdahl, pointed with legitimate pride to the Erica melanthera which won the gold medal at Boston and New York and also a $100 prize. Here were houses devoted to excellent cyclamens, ramblers, and other plants. One house contained an array of 40,000 cuttings of Glory of Cincinnati begonia. But most interesting were the ericas and acacias.

Bridal Bouquet.
By S. Kramer, Passaic, N. J.

One of the most impressive features of this valuable excursion for the students was the warm reception afforded by the different masters of floriculture. In every case attention was cheerfully given to the invading horde and the magnanimous spirit of these men, who by their success in their honorable calling commanded the respect of the prospective florist, was much appreciated by the entire class.

J. A. T., Jr.

San Francisco.

EXPOSITION OPENING STIMULATES TRADE.

The event that everybody has been looking forward to for the last two years has at last come to pass. The exposition opened February 20 in a blaze of glory, and it is a credit to the florists and nurserymen of this city to be able to say that they have contributed in no small degree to the beautiful finish that now attends the grounds and buildings. The leading floral establishments vied with each other in their holiday dress on this occasion. Many of the prominent leaders of the trade in the city and vicinity were allotted places of honor by the committee in charge. The opening of this huge exposition has stimulated trade during the past week greatly. A great number of social events that otherwise would not have occurred have moved large quantities of seasonable stock. Roses are the leaders just now and with a short supply. Up north, the wholesaler who has good stock, need not seek a market. Mrs. Chas. Russell, one of the most popular roses in this city, is in short supply, and readily brings $3 per dozen. American Beauties of first grade are also called for, and the supply is none too plentiful. Killarney, Maryland, Richmond and Mrs. Ward are all quickly disposed of. There seems to be no let up in the demand from the northwest. The south is also calling for good stock. Carnations are still bringing very good prices. Most of the leading growers seem to be off crop and this is the cause of the steady maintenance of the high prices. The immediate prospects for a large supply, owing to the very inclement weather, are not encouraging. Prices range about the same as last reported. There are myriads of violets. The wet weather has made them rather devoid of odor, but it does not seem to stop them from blooming. The street fakirs offer them at the lowest possible prices. There are still large quantities of freesias coming in and prices have taken quite a slump. Lily of the valley is in fairly good supply, with prices steady. There are plenty of Easter lilies, but with little or no demand. Sweet peas are still a scarce article, that is, first-class stock.

NOTES.

George C. Roeding, of the Fancher Creek Nurseries, some time ago suggested to the exposition commissioners the advisability of placing a quantity of specimen orange trees in the nave of the Ferry building to greet our Eastern brethren upon their arrival in this city. His plan has been taken up with enthusiasm and plans are being made to remove to this building some of the finest specimens of the southland. They will all be in fruit and are to be in very large tubs. Mr. Roeding, while not a resident of this city, was born here and always takes the liveliest interest in anything that will add to the beauty of the city of his birth.

Your correspondent ventures to predict that one of the most interesting exhibits to be found in the Palace of Horticulture will be that of the MacRorie-McLaren Co. of this city. They have secured a very large area and have a large force of men working on what is to be one of the attractions of the building. The exhibit is to be devoted principally to tropical plants. Over 1,800 plants of cattleyas are being used, besides quantities of phalænopsis, dicksonias, etc. When completed it will reflect great credit on this local firm.

The annual installation of officers of the Menlo Park Horticultural Society was held at the last meeting. Over fifty members were in attendance. George Ward acted as installing officer and acquitted himself in his usual happy way. Henry Goertzhain was installed as president; D. W. Slade, vice-president; George Mann, treasurer; Percy Ellings, recording secretary; Arthur Bearsby, financial secretary, and Thos. Templeton, trustee for the four-year term. Percy Copp, Owen O'Donnell and John Aitken are the ushers for the next year. The society directed the secretary to correspond with the National Association of Gardeners, which will meet in this city in August, and ascertain if it would

be agreeable to them to have this society do its mite towards entertaining them this summer on the occasion of their visit to this coast. After the business meeting was over the members proceeded to enjoy a very delightful smoker and entertainment, which the committee in charge had provided. There were songs and speeches and dances until the morning hours called the members from what will be remembered as a happy evening.

Frank G. Cuthbertson, secretary of the American Sweet Pea Society, is a very busy man these days, perfecting the arrangements for the show at the Palace of Horticulture, June 4. Through his energetic efforts he has interested a very large number of florists and gardeners to grow stock for the show, and from present indications the competition promises to be very keen.

The continual rainy weather which this locality has been visited with this season has made outdoor planting very backward. Most nurserymen and florists report little, if any, demand up to the present time, compared with other years. They are all expecting the weather to clear shortly, and when it does, planting should move by leaps and bounds.

If ever the violet got a boost, it received it Thursday, February 25, which was San Mateo County day at the exposition. It was planned to give every visitor to the San Mateo County exhibit one large bunch of violets, and the entire crop of the country's leading growers was contracted for that day.

John A. Carbone, of Berkeley, still continues to send large quantities of orchids of all varieties to this market. He reports that his daily cut is cleaned up readily, owing to the increased social activities happening in this city at present.

The plans for the convention garden of the Society of American Florists will shortly assume definite shape. The Pacific Coast Horticultural Society is busy, through its committee, perfecting plans.

Percy Ellings, superintendent of the Lynch Nursery Company, has the sympathy of the trade in the loss of his infant son, which occurred last week.

G. N.

WM. SIM, CLIFTONDALE, MASS., AND PROF. A. H. NEHRLING
With Visiting Students from Mass. Agricultural College.

Cleveland.

GOOD DEMAND THE RULE.

After a week of spring-like weather, it has again turned colder. Flowers have become more plentiful, with the demand steady; Easter lilies are arriving in increased numbers, and all indications point to a good supply for Easter. Callas, too, are quite plentiful, but have had an excellent call, which has kept the market cleaned up. Bulbous stock, as is usual at this time of the year, is quite plentiful and will remain so for some time. Carnations have cleaned up daily. Roses are more plentiful, but find a good market. There is an abundance of sweet peas arriving, the better grades being in good demand. Orchids are scarcer now than for some time, while violets and lily of the valley are equal to the demand.

SPRING FLOWER SHOW.

The spring flower show of the Cleveland Florists' Club was held in the assembly room of the Hollenden hotel, Monday, March 1. The exhibits were equal in quality to those of any previous spring show of the society, and were much admired by both the trade and the general public. Among the exhibits the following were noted:

The Naumann Co. showed several pots of well grown hyacinths and primulas.

S. N. Pentecost displayed pots of excellent hydrangeas; also vases of Ajax princeps and Golden Spur.

The Brookline Floral Co.'s display included vases of choice tulips and carnations.

The Smith & Fetters Co. featured a basket of white snapdragons, with maiden-hair fern and Crimson Queen roses. A huge bow of white lace chiffon over red silk ribbon added much to the attractiveness of the arrangement.

The Carl Hagenberger Co., Painesville, O., had an excellent showing, included in which were genistas in pots, a vase of Carnation Gorgeous, and an excellent showing of sweet peas and violets.

Hart Bros.' exhibit of rhododendrons attracted much attention.

At the James Eadie Co.'s exhibit a cradle, with doll and flowers, was a feature that called forth pleasing comment. Boxes of well-grown La Reine tulips, Narcissus poeticus, Golden Spur daffodils and Ajax princeps were also noteworthy.

The Pompeiian Art Ware Co., Brooklyn, N. Y., had an exhibit of baskets.

The Cleveland Florists' Exchange showed vases of Killarney roses, both pink and white, of excellent quality. Vases of white and pink carnations, grown by Claude Tyler, North Olmstead, O., were noted in this well arranged exhibit.

Spring flowers, including tulips, daffodils, pussy willows, etc., arranged in a beautiful basket effect, was a pleasing feature that attracted attention to Knoble Bros.' display.

The Jones & Russell Co. had a Dresden nosegay in a frame that was both novel and artistic.

J. T. BUTTERWORTH, FRAMINGHAM, MASSACHUSETTS
And the Oldest Commercial Greenhouse in the State.

W. A. Calhoun displayed violets and maiden-hair fern in pleasing arrangement.

J. M. Gasser Co.'s retail store was represented by a centerpiece containing white lilac, ferns and cherries as a feature.

Kirchner's, of Quincy street, featured cinerarias in pots.

The Anna Dean Farm, Barberton, O., exhibited a collection of orchids.

The McCallum Co., Inc., featured double violets in vases.

The Cleveland Cut Flower Co. presented an excellent line of display of snapdragons, tulips, carnations and calendulas; also a vase of mixed roses.

A. M. Albrecht exhibited his mystery plant, Choryzenia cordata. This plant has been on display in his window for a week, with the offer of a box of flowers free to anyone guessing the correct name. No one has been successful in guessing the name correctly as yet.

Charles Henry Fox, of Philadelphia, Pa., delivered an address, his subject being "Advertising for Mother's Day and Other Holidays."

NOTES.

Gas drillers on the J. M. Gasser Co.'s property, at Rocky River, Ohio, have struck a gas well that produces about 5,400,000 feet of gas per day. Contracts for the drilling of four more wells have already been let, and will be started at once. New boilers and piping for gas lines are under way and will be hurried to completion, reports F. C. Bartels. Quite a saving in fuel bills will be the result.

W. Q. Potter, of the McCallum Co., has joined the "Million in 1920 Club" of Cleveland. Cards announcing the arrival of Fay Louise Potter, Tuesday, February 23, are out. Hearty congratulations.

Visitors: Julius Dilhoff, representing Schloss Bros., New York; Charles Henry Fox, Philadelphia, Pa., en route to Chicago and Detroit, Mich.

C. F. B.

San Diego, Calif.

The visitor to the San Diego exposition finds much of interest in floriculture, the management of the exposition having specialized on this feature, with the result that days may be spent studying the plants and flowers that attract attention at every turn. Conspicuous at the entrance, especially from the fact that they have been in their present location less than three years, are the groups of giant phoenix, all splendid specimens, while near at hand are Acacias floribunda and Baileyana, which are fast becoming a mass of golden bloom, and appeal strongly to the lover of these California shrubs. Further on, one passes successively masses of Abelia rupestris at present autumnal tinted, bottle brushes in variety, Leptospermum lævigatum, Escallonia alba, Grevillea Thelemanniana, Cassia tomentosa and Tecoma Capensis, all effectively arranged, according to the California Garden. The "Prado," the principal thoroughfare of the exhibit buildings, is bordered with Acacia melanoxylon, while the shaded arcades leading to the buildings support Bignonia venusta in full bloom, alternating with terra cotta bougainvilleas, while sub-tropical groups, such as phoenix canariensis, Cocos plumosa, arranged with dracaenas, eucalyptus and acacias, hold position at the corners of the buildings. At other points about the grounds are noteworthy groups of specimen plants, among them being Gunneras, Musa ensete, Sterculias, Hibuscus mutabilis and Derringea, among many others.

The aquatics at the entrance to the Botanical building are worthy of mention. Lilies and lotus, hibernating at present, promise well for the approaching warmer months. Water hyacinths, water poppies, parrot feather, thalias, arrowhead, water irises, and other aquatics make up the formal pool. Inside the Botanical building are seen azaleas, primulas, streptocarpus and saintpaulias, now all at their best, while crotons, anthuriums and philadendrons add to a display that attracts much attention.

The San Diego Floral Association will hold its first show of bulbous flowers March 19-21. This will be followed a little later by a spring rose show. Some interesting special features are being planted for each event.

Cincinnati.

TRADE CONTINUES SATISFACTORY.

Last week's business, taken as a whole, was good. The mid-week was dull, but the first days were good, while the closing days were very good and effected some substantial clearances. Prices realized were fair. Roses are in a better supply than they were, and they will meet with an active demand. The Killarneys and Richmonds are of a very fine quality. American Beauty cuts are somewhat larger than they were, and the supply of this flower is getting back to a normal one. Carnations, though more plentiful than they have been, at times run short of actual needs. Easter lilies are plentiful. The calla cut is large, while the supply of rubrums will easily take care of all present requests. Tulips, jonquils, daffodils and Dutch hyacinths have a fair market. Sweet peas are in a very large supply, and the offerings include many choice blooms. Other offerings include lily of the valley, single violets, double violets, freesias, mignonette, forget-me-nots and primroses. The supply of greens is fully adequate for present requirements.

NOTES.

Chas. Jones, of the Walnut Hills Floral Bazaar, having returned from Martinsville, Ind., is again at his desk.

C. E. Critchell went to Chicago the first of this week to attend to committee business for the S. A. F.

The florists' club's regular meeting will be held Monday evening, March 8, at Hotel Gibson.

Last week Julius Baer used rubrum lilies in a very effective manner in window decorations.

C. E. Critchell has been having some fancy Butterfly sweet peas. H.

Providence, R. I.

SALES IN PACE WITH INCREASED SUPPLY.

We have had some days of clear skies and higher temperature, and the result has been a largely increased output of flowers, but sales have improved and, while business has not been what might be termed active, the clean up on the whole has been quite good—better, in fact, than any one could have expected. Roses are coming in very plentiful just now, and carnations are filling the market. The quality is splendid, but with large quantities of burst flowers. Particularly fine are Matchless, Pink Delight, White Wonder, Beacon, and Benora, while Mrs. Ward and Philadelphia are also good. Violets are very plentiful, with the prices way down. Yellow marguerites are plentiful, but have very little demand. Sweet peas, especially Spencers, sell very well. There is a good supply of all bulbous stock and it sells very well. Freesias are in good supply, but are having very little call. There is a good supply of callas, lilies, and lily of the valley. Cattleyas move somewhat slowly, so do gardenias. Floral work still holds up well.

NOTES.

Westminster Greenhouses are cutting fine Victoria daffodils now.

William Cohen, formerly with Smith, the florist, is now with Hoffman, of Pawtucket.

H. A. T.

OBITUARY.

Samuel Y. Haines.

Samuel Y. Haines, well known in the seed trade, died at Rockford, Ill., February 27, age 63 years. Mr. Haines had been suffering somewhat from rheumatism, but was at his desk as usual up to the previous evening. Myocarditis was given as the cause of death. Mr. Haines was a native of Tennessee and for the past seven years was identified with the advertising department of H. W. Buckbee, Rockford, Ill. During the early eighties he started in the seed business in Philadelphia under the name of S. Y. Haines & Co. This venture, however, proved unsuccessful, and in 1882 he entered the service of W. Atlee Burpee, of that city, remaining about five years. He then re-established the firm of S. Y. Haines & Company, having as a partner Harry Faust, a son of David Faust, who was for years president of the Union National bank, and this venture also proved unsuccessful, in fact, only lasting a few months, and the concern was succeeded by I. V. Faust, who was Mr. Faust's sister, Mr. Haines withdrawing. He then took a position with Northrup, Braslin, Goodwin & Co., Minneapolis, Minn., and was later with Vaughan's Seed Store, New York. Mr. Haines then established a mail order business under the name of his sister-in-law, Miss C. H. Lippincott, at Minneapolis, Minn., building up a flourishing trade in flower and vegetable seeds. After this firm dissolved he again started business on his own account under the name of his second wife, Charlotte M. Haines, at Minneapolis, and this was continued through recent years in conjunction with his advertising work. Previous to entering the establishment of H. W. Buckbee he was two years in charge of the catalogue department of L. L. May & Co., St. Paul, Minn.

Mr. Haines had a clever head and eye for designing horticultural advertising as well as a facile pen for trade pulling descriptions. Not all of his schemes were winners, but he was very prolific with suggestions and supplied such a wide range of sketches of more than average quality that a keen-sighted employer might always find some promising ideas. He was always optimistic and cheerful, bearing his occasional reverses with a brave spirit. When in funds he was the true southern gentleman in liberality.

Mrs. Haines died about two years ago, and one daughter, Ruth, about nine years of age, survives. H. W. Buckbee and other friends accompanied the remains to Rives Junction, Mich., where the funeral was held March 2, with interment in the family lot.

Mrs. Frederick Kanst.

Mrs. Eliza Kanst, wife of Frederick Kanst, well known head gardener of the South Park System, Chicago, and mother of Edwin A. Kanst, superintendent of Lincoln park, the same city, died at her home, 6658 Kimbark avenue, after an illness of several weeks' duration, February 19, age 68 years. The funeral, February 21, notwithstanding the inclement weather, was well attended and the large display of beautiful floral tokens showed the high esteem in which she was held by her many friends. The other surviving children are Fred L. Kanst, Chicago, and Mrs. Stelle Gurney, St. Louis, Mo. Interment was at Oakwoods cemetery.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements must reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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RENEW your subscription now.

FALL has been suggested as the proper season for the fifth national flower show in 1918.

WE are in receipt of the preliminary plant schedule of the Fourth National Flower Show, to be held at Philadelphia, Pa., March 25 to April 2, 1916, inclusive, offering $15,000 in premiums. Copies may be had on application to John Young, secretary, 53 West Twenty-eighth street, New York.

"Back to the Land."

TREASURY DEPT. RULING ON INCOME TAX.

"A person cultivating or operating a farm for recreation or pleasure, on a basis other than the recognized principles of commercial farming, the result of which is a continual loss from year to year, is not regarded as a farmer."

THE final schedule is out for the flower show to be held at the Grand Central Palace, New York, March 17-23. Copies may be had on application to John Young, 53 West Twenty-eighth street, New York.

F. EDWARD GRAY, the well-known California horticulturist, writes from San Diego in a private letter: "Do not neglect coming to the San Diego exposition. It is the most picturesque thing on earth and will appeal to you. I have planted out the grounds of the seven southern counties, only a small section of the general display."

THE meetings of the executive committee of the Society of American Florists, National Flower Show Committee and Florists' Telegraph Delivery, at Chicago, this week, brought together many prominent men representing various sections of the country, and it was the prevailing opinion that much good has been accomplished for the trade in general.

Minnesota State Florists' Association.

Plans are being made for the next meeting of the Minnesota State Florists' Association, which will be held in St. Paul April 13. Afternoon and evening sessions will be held, and, if arrangements can be made, the amateurs of the Garden Club will share in the program. A floral exhibit will be held. One hundred experts from Minnesota and northwestern Wisconsin are expected to attend. T.

Ladies' Society of American Florists.

Wishing to get the opinion of the members of the above society as to the number who expect to attend the San Francisco convention this year; also to ascertain whether the society's money should be expended for educational purposes or for the annual reception, the secretary, at her own expense, mailed about 300 post cards. The number returned was 160 and the opinions were divided as follows: Educational, 89; reception, 36; California, 27; no opinion, 8.

MRS. CHAS. H. MAYNARD, Sec'y.

American Rose Society.

The sixteenth annual exhibition of the American Rose Society will be held March 18-21, in conjunction with the Massachusetts Horticultural Society. The fine hall of the society is the place of meeting. There promises to be some choice exhibits. Massachusetts has a local pride in this work, and local people are doing their best to make a fine showing. By noon time, Thursday, March 18, the pots and tubs will be staged; the next day, on Friday, the cut blooms.

The schedule committee, Louis J. Reuter, Alexander Montgomery and Thomas Roland, have done good work in fixing prizes; the special prizes are liberal. The final list, except for any additional prizes, is now distributed; the entry blanks are available. Secretary Rich of the Massachusetts Horticultural Society is giving all the aid and attention in his power to serve exhibitors. The manager of the American Rose Society's exhibits is Eber Holmes, of Montrose, Mass., and the manager of a rose show always has a job ahead, and so far the men who have acted in this capacity have made all things satisfactory to exhibitors and the interested public. Mr. Holmes will do that.

The annual membership dues are being paid well. There is a free ticket for all members. The election of officers will be an important event; also deciding where the show shall go next year. Philadelphia has spoken for it.

BENJAMIN HAMMOND, Sec'y.

Florists' Telegraph Delivery.

A meeting of the board of directors of the Florists' Telegraph Delivery was held at the Hotel LaSalle, Chicago, Wednesday forenoon, March 3, there being in attendance President Bertermann, Indianapolis, Ind.; Vice-President W. F. Gude, Washington; Treasurer, W. L. Rock, Kansas City, Mo.; Secretary Albert Pochelon, Detroit, Mich.; Philip Breitmeyer, Detroit, Mich.; Ernst Wienhoeber, Chicago; George Asmus, Chicago; John Bertermann, Indianapolis, Ind.; G. E. M. Stumpp, New York. Routine business was transacted and it was decided to employ John Young, secretary of the Society of American Florists, as a representative of the association on a business trip through the west. The visitors expressed much appreciation of their entertainment by the local trade and the members of the board felt much good had been accomplished by their meeting so many of their prominent fellow craftsmen.

Gladiolus Bulb Diseases.

ED. AMERICAN FLORIST:

Some of my gladiolus bulbs are diseased, the trouble showing as brown spots on the bulbs. Can you suggest a remedy J. W. F.

This form of scab or dry rot is apparently caused by a fungus, Myriococeus fusan, that infects most varieties of gladiolus and allied bulbs, such as watsonias, antholyzas, ixias and freesias, where they are grown in soil too rich and moist. The best practical method of controlling it is to plant in fresh and not over rich soil, using chemical potato fertilizer rather than stable manure. Like the potato and beet scabs, it is worse on rich alkaline soils. Ordinary corn ground with a dressing of potato fertilizer containing a good percentage of acid phosphate will be suitable.

The diseased bulbs may be treated before planting by soaking them 12 minutes in a solution of copper sulphate, 1 oz. to 10 gallons warm water; bichloride of mercury, ¾ oz. to 10 gallons water; or commercial formalin, 4 oz. to 15 gallons water. Either solution is quite effective. The husks or skins should be removed from the bulbs before treatment, and they should be planted as soon as fairly well dried off. The scabs do not usually prevent the corms from growing unless they are so numerous as to destroy the rooting surface.

In the case of rare varieties the scabs may be cut out, going well into the sound flesh, treated with one of the above antiseptic solutions and rolled in powdered sulphur before planting.

As a rule never plant gladiolus bulbs successive years on the same soil. W. VAN FLEET.

Important to Subscribers.

The date on yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Club Meetings Next Week.

Baltimore, Md., March 8, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets. Noah F. Flitton, secretary, Gwynn Falls Park, Station F, Baltimore.

Cincinnati, O., March 8, 8 p. m.—Cincinnati Florists' Society, Jabez Elliott Flower Market. Alex. Ostendarp, secretary, 24 East Third street, Cincinnati.

Cleveland, O., March 8, 7:30 p. m.—Cleveland Florists' Club, Hotel Hollenden, Club Room B. Frank Friedley, secretary, 95 Shaw avenue, East Cleveland, O.

New York, March 8, 7:30 p. m.—New York Florists' Club, Grand Opera House building, Eighth avenue and Twenty-third street. John Young, secretary, 53 West Twenty-eighth street, New York.

Norwich, Conn., March 8, 8 p. m.—New London County Horticultural Society, Buckingham Memorial. Frank H. Allen, secretary, 321 Main street, Norwich.

Rochester, N. Y., March 8, 8 p. m.—Rochester Florists' Association, 95 Main street east. H. B. Stringer, secretary, 47 Stone street, Rochester, N. Y.

Holyoke, Mass., March 9, 7:45 p. m.—Holyoke & Northampton Florists' and Gardeners' Club. James Whiting, secretary, French Hall, M. A. C., Amherst, Mass.

Indianapolis, Ind., March 9, 8 p. m.—State Florists' Association of Indiana. Oliver Steinkamp, secretary, Rockwood avenue and Thirty-eighth street, Indianapolis.

Newport, R. I., March 9, 8 p. m.—Newport Horticultural Society, Music hall. Wm. Gray, secretary, Bellevue avenue, Newport.

Chicago, March 10, 8 p. m.—Gardeners' and Florists' Union No. 10615, 232 North Clark street. Louis Heidtman, secretary, 3610 North Richmond street, Chicago.

Morristown, N. J., March 10, 8 p. m.—Morris County Gardeners' and Florists' Society, Masonic hall. Edward Regan, secretary, 139 Madison avenue, Morristown.

Davenport, Ia., March 11, 8 p. m.—Tri-City Florists' Club. Wm. Goos, secretary, Bettendorf, Davenport.

New London, Conn., March 11, 8 p. m.—The New London Horticultural Society, 38 Main street. J. M. Humphrey, secretary, New London.

Omaha, Neb., March 11, 8 p. m.—Omaha Florists' Club, Court house. Lewis Henderson, secretary, 1519 Farnam street, Omaha.

St. Louis, Mo., March 11, 8 p. m.—St. Louis Florists' Club, Odd Fellows' hall No. 2. J. J. Beneke, secretary, 1216 Olive street, St. Louis.

Hartford, Conn., March 12, 8 p. m.—The Connecticut Horticultural Society, County Building, Hartford. Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Dobbs Ferry, N. Y., March 13, 8 p. m.—Dobbs Ferry Horticultural Society, Odd Fellows' hall. B. Harms, secretary, Dobbs Ferry.

New York, March 13, 4:30 p. m.—Horticultural Society of New York at American Museum of Natural History. Geo. V. Nash, secretary, N. Y. Botanical Garden, Bronx Park, New York.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As working foreman by all around florist; life experience. Married. Address Key 485, care American Florist.

Situation Wanted—By young man, as designer and storeman; west preferred. Address Key 492, care American Florist.

Situation Wanted—As gardener of private place or large institution; married; life experience; best of references. Address Key 491, care American Florist.

Situation Wanted—By German, sober, reliable, life experience, able to produce results; bedding, pot plants, cut flowers, propagator, etc. Address Key 482, care American Florist.

Situation Wanted—Work in greenhouse by a young Dane, seven years' experience, can do all kinds of floral design work. References furnished. A. MENGEL, 66 High St., Oshkosh, Wis.

Situation Wanted—Good all around storeman, strictly honest, sober and reliable 21 years of age, desires to locate with some large retail florist; can come March 10. When writing state wages. Address Key 486 care American Florist.

Situation Wanted—By landscape architect, designer, practical man, able to take charge and do first-class work. Experienced in nursery and florist business, etc. Address Key 481, care American Florist.

Situation Wanted—As superintendent or head gardener; age 33, married, no children; thoroughly competent to take charge of greenhouses, vegetable gardens, choice fruits, lawns, etc. Address RUDOLPH VON DER RUHR, 6 Crown St., Webster, Mass.

Situation Wanted—By a German, age 40, as manager or foreman, 20 years practical experience in growing the finest carnations and roses, good potted stuff; quick hard worker. Can show more than I can say, so give me a show. Good references. Key 493, care American Florist.

Situation Wanted—By a German rose grower; have had 20 years experience in growing roses in this country and abroad; expert on all commercial roses. State all particulars and salary in first letter. Address Key 494, care American Florist.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Gradua ed from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY, N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience. OSCAR WERNER, 605 Main St., Petaluma, Calif.

Situation Wanted—As head gardener, florist, superintendent of private place; English, age 36, married, one child, age 9; life experience in all branches; hothouse grapes, peaches, melons, 'mums, carnations, roses, palms etc., vegetables, hardy fruits, perennials, trained fruit trees, and the general routine of a well kept place; 24 years on best estates; long references from this country and England. Please state wages in first letter. Address Key 476, care American Florist.

Help Wanted—Young man who understands thoroughly retail seed business; also knows principles of landscape gardening. State experience, age and wages expected. L. MCALEER, 1022 Messanie St., St. Joseph, Mo.

Help Wanted—Florist wanted, must be experienced and with best written references. Apply at C. C. TREPEL, Florist, Care of Bloomingdale Bros., 59th St. and 3rd Ave., New York City.

For Sale—Will sell at reasonable price, five greenhouses, well stocked; dwelling house, garage and barn. For further information inquire of MILES MEIDAM, 1362 Carver St., Appleton, Wis.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

For Rent—Desirable location or retail florist Lease expiring soon. Apply T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Situation Wanted

CARNATION GROWER

One capable of taking charge of a large place. Can furnish best of reference as to ability and character.

HARRY NICHOLSON,
1529 Fifth Street, Rockford, Ill.

A1 ROSE GROWER

Wants position as foreman. Expert on American Beauty and all other commercial roses. Can furnish A1 references as to ability and character. Address,
Key 487, care American Florist.

FOR SALE

Splendid opening for florist with small capital. Retail flower store, well established business. Owner must leave city on account of poor health. Investigate quick. Address
4246 Indiana Ave., Chicago.

FOR SALE.

MAIL ORDER SEED BUSINESS.

Mail order Seed Business of Thirty Years Establishment. An unusual opportunity to secure a real money making seed business at a bargain. Annual patronage consists of 200,000 customers. It will pay one interested in this line of business to investigate. Good reasons for selling. Correspondence solicited. If interested can be shown actual results received daily at this time. Address, Key 488, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

New 1914 Edition. **Price $3.00, Postpaid.**

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

EASTER STOCK.

On time and in fine shape. Can ship any time and it would be to your advantage, if you have glass, to have stock shipped a week or two before Easter, as there is much less danger of bruising the buds on blooming stock. Then too, it will make a much better appearance developing after shipment.

State whether to be in or out of pots. Four, five and six inch stock, grown in pots, can be shipped in paper pots and save Express. Azaleas, Rhododendrons, large Roses and Hydrangeas must be left in pots.

TERMS—All orders from parties unknown to us must be accompanied by Money Order or Draft. (No personal checks). If you wire an order, wire the money also, as we refuse to ship C. O. D. to unknown parties.

Lilies, Giganteum. Very fine. 10 to 12-in. above pots, 3 to 6 buds, 10c per bud; 12 to 18-in. above pots, 3 to 6 buds, 12c per bud; 20 to 30-in. above pots, 3 to 6 buds, 15c per bud.

Azaleas, all colors, $1 00 to $1 50; can supply in bloom for immediate sales.

Spiraea, Gladstone and Alexandria, 6 and 7-in. pots, 35c to 75c each.

Rhododendrons, all colors, $1 50 to $2 50 each.

Azalea Mollis, yellow, $1 00 each.

Deutzia, Gracilis, a find Easter plant, 50c to 75c each.

Hydrangeas, new French sorts, 6-in. pots, 3 to 6 heads, 50c to $1 00 each.

Roses, Jessie, Teschendorf, Crimson Baby, 4-in., 25c each; 6-in., 60c to $1 00 each.

Roses, Tea, 4-in., 20c each.

Daffs, Von Sion, Emperor, and Bi-Nictoria, 6 and 7-in. pans, 50c to 75c each.

Dutch Hyacinths, all colors, 4-in. pots, 15c each; 6 and 7-in. pans, 60c to 75c each.

Tulips, double, all colors, 4-in. pots, 20c each; 5-in. pans, 35c each; 6-in. pans, 50c each; 7-in. pans, 75c each.

Valley, 5 and 6-in. pans, 50c to 75c each.

Pelargoniums, Easter Greeting, finest one out today, 4-in. pots, 25c each; 5-in. pots, 35c each.

Pelargoniums, named, all colors, 4-in., 20c each; 5-in., 30c each.

Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. Can supply for immediate sale also.

Primula Obconica, fine, 4-in., 15c each; 5-in., 25c each. Can supply for immediate sale also.

Callas, 5 and 6-in., 35c and 50c each.

Carnations, all colors, 4-in., 15c each.

Geraniums, 3 and 4-in., 7c and 10c each.

Ferns, Boston varieties, 4, 5 and 6-in., 15c, 30c and 40c each.

Asparagus, Plumosus, 3, 4 and 5-in., 7c, 15c and 35c each.

Asparagus, Sprengeri, 2½, 3, 4 and 5-in., 4c, 6c, 15c and 35c each.

Table Ferns, 8 sorts, 2 and 2½-in., $4 00 per hundred.

Variegated Vincas, 3 and 4-in., 6 and 10c each.

Araucarias, $1 00 each and up.

Kentias, 5 and 6-in., 75c and $1.00 each.

Phoenix Roebelenii, 8 and 10-inch, $2.00 to $4.00 each.

Rubbers, five and 6-in., 35c to 50c each.

Begonia Luminosa, 4-in., 15c each.

Write us about **Roses** for later delivery. Grafted and own root. Have a large and fine stock.

C. H. FREY, 1133 "O" Street, Lincoln, Nebr.

Pittsburgh.

MARKET SUFFERS SETBACK.

We are sorry to state that business for the past week has taken quite a setback, compared with the briskness that had prevailed until then; but, since Washington's birthday there has been very little activity in the local market. There has been plenty of sunshine ever since the middle of February, but the weather has turned much cooler in the last few days. There is an abundance of everything here excepting carnations, which are in fair supply, but fall far short of the demand. Bulbous stock of all kinds is suffering from the effect of a glut, and prices on this stock have dropped to a very low point, especially on tulips. Sweet peas and violets are selling quite well. Some excellent blooms of Spencer peas are offered by local dealers at very reasonable prices. Practically all of the sweet peas used in Pittsburgh are grown by eastern growers. Freesia is one article that positively will not sell this year, and cannot be moved at any price. The supply of American Beauty roses is getting better, it seems. Tea roses are also doing very well. With the return of cold weather we may hope for better business in the near future.

NOTES.

The Pittsburgh Cut Flower Co. has had a very elaborate painting made of their Bakerstown greenhouses, which is a marvel. Every little detail of the photograph is worked out on the painting, which is attracting much attention.

Both Edward and George McCallum suffered a few days' of sickness the past week, but were able to be around before much time had been lost.

A large attendance is expected at the next florists' club meeting, March 2, when we will hear another of those interesting talks on radium.

Pittsburgh is to have another automobile show, March 13-20, which will undoubtedly call for many large floral settings.

P. S. Randolph & Sons, of Verona, are marketing large lots of white lilac. They are also cutting good sweet peas.

G. M.

IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in..... 25c
" " " 18-in..... 45c
" " " 30-in..... 2.00

Pyramids, 36-in.....$1.75
" 42-in..... 2.25
" 48 in..... 3.25

Globes, 18 by 18-in..... 3.00

Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei, 4 to 5 feet, full of buds, balled and burlapped. $1.50 each.

Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped. $1.50 each.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

Witchita, Kans.

WEATHER UNCERTAIN, BUSINESS GOOD.

Predictions concerning February can safely be made upon two points, viz., a short month and a busy one. When it comes to weather the uncertainty begins—even the ground-hog missed it this year. Most of the month was warm, with much cloudy and rainy weather, and from present indications Kansas and Oklahoma are booked for another record wheat crop. Prospects for spring trade are about as usual, with Easter stock on schedule, and ample supplies of bulbous stock in prospect.

NOTES.

Roy Hanchett has "fired up" his new greenhouse, with a supply of bedding plants, and also vegetable plants for the market gardeners.

St. Valentine day's trade was good and was handled under favorable conditions of weather, prices, quality of stock, etc. The experience of the past two years for St. Valentine day confirms the idea that it is a day worth cultivating.

Visitors: M. Farney, representing M. Rice Co., Philadelphia, Pa.; George Brackenbury, of Kansas City, Mo.

Lettuce growers are complaining of uncertain market. Much of the crop produced here seeks outlet in Kansas City or St. Louis.

C.

If You Want Business Go After It.

AMERICAN FLORIST CO., CHICAGO.

GENTLEMEN:—Please discontinue Xmas add. Stock all sold, refused orders for thousands of Cyclamens and other blooming plants.

If you want business go after it.

Lincoln, Neb. C. H. FREY.

THE

SPRING NUMBER

OF

THE AMERICAN FLORIST

TO BE ISSUED

March 18

Just Right for the Easter and Spring Trade

The Best Paid

CIRCULATION

To the Trade in the Trade

Established in 1885

The paper is issued weekly and goes to all important

Florists, Nurserymen and Seedsmen

IN THE

United States and Canada

And the Leading Houses Abroad.

The advertising rates are: $1.00 per single column inch, $30.00 per page of 30 inches, with the usual liberal discount on consecutive insertion.

To insure good location and display, advertising copy and cuts should reach us early.

American Florist Co.

440 South Dearborn Street, CHICAGO.

☛ "The Best Selling Medium in the Trade."

POEHLMAN

72-74 E. Randolph St.,

BIG SUPPLY OF

Fancy Red, Pink, White Carnations

Tulips, Fancy Pink, Red and Yellow.

Fancy Sweet Peas and Princess of Wales Violets.

Killarney-Killarney Brilliant-Killarney Queen-Russell-Milady-Sunburst--Aaron Ward--Cattleyas--Valley--Daffodils--Jonquils.

PRICE LIST—Effective March 8.

Orchids.	Per Doz.
Cattleyas	$4.00 and $6.00

Beauties.	Per Doz.
Specials	$5.00
36-in. long	4.00
30-in. long	3.00
24-in. long	2.50
18 to 20-in	2.00
Short ....per 100,	8.00 to 12.50

Roses.		Per 100
Hadley		$6.00 to $15.00
Shawyer		6.00 to 15.00
Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen	Ex. long	$12.00
	Long	$ 8.00 to 10.00
	Medium	6.00
	Short	3.00 to 4.00

Roses—Continued.		Per 100
Killarney, White Kill., Aaron Wards	Ex. long	$10.00
	Long	8 00
	Medium	$5.00 to 6.00
	Short	3.00 to 4.00
Russell—Ex. long, 30 to 36 in.		35.00
" Long		20.00 to 25.00
" Medium		15.00 to 18.00
" Short		6.00 to 12.00

Carnations.	Per 100
Split	$1.50
Medium	3.00
Fancy	4.00

Lily of the Valley.	Per 100
Extra Fancy	$4.00
1st Quality	3.00
2nd Quality	2.00

Miscellaneous.	Per 100
Jonquils and Daffodils	$2.00 to $
Paper Whites	2.00 to
Sweet Peas	1.00 to
Freesia	
Tulips, single and double	3.00 to
Easter Lilies $6.00,	8.00 to 1
Violets, double	.50 to
Violets, single	
Mexican Ivy	
Smilax....per doz., $2.00	
Sprengeri-Asparagus	2.00 to
Asparagus Plumosus, string, 50c.	
Leucothoe	
Adiantum	1.00 to
Galax, bronze and green	per 1000,
Eastern Ferns	" "
Boxwood....per bu., 25c,	per case,

SUPPLY DEPARTMENT.

SPECIAL CHIFFON PRICES, 2 inch waterproof, 2 cents per yard; 4 inch plain, 2 cents per yard; 6 inch plain, 3½ cents per yard.

GREEN BAMBOO CANE STAKES

1 foot, per 1000, . . $1.10	2½ feet, per 1000, . . $3.00	3½ feet, per 1000, . . $4.
2 feet, per 1000, . . 2.50	3 feet, per 1000, . . 3.50	4 feet, per 1000, . . 5.

Very slender. Just what you want for Easter plants.

THE HUGHES SHAMROCK BOX

1915 design. "A Bit of Old Ireland." 5½ in. long, 3 in. wide, 3 in. deep. Compartme for two 2 in. Shamrock plants. Irish Landscape Scene—Blarney Castle—on inside cover. Pric $1.80 per dozen; $15.00 per 100. **Boxes with Shamrocks,** $2.40 per dozen; $20.00 per 100.

Green Carnation Powder For St. Patrick's Day

Enough to make two quarts of fluid for 50c per package. Order a sample package now.

MANNA GRASS A product of the Japan Sea that will take the place of sea moss. beautiful natural green moss that grows and also retains it color when dried. Also invaluable as an aquarium Gra Sample sent for the asking, $1.00 per lb.; about 50 bunches.

N BROS. CO.

ng Distance Phone, Randolph 35.

CHICAGO, ILL.

WESTERN PALM HEADQUARTERS

argest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

			Each
inch pots,	5 to 6 leaves,	18 in. high	$0.35
inch pots,	6 to 7 leaves,	24 in. high	1.00
inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
inch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
inch pots,	6 to 7 leaves,	40 to 42 in. high	3.00
inch tubs,	6 to 7 leaves,	40 in., heavy	3.50
inch tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
inch tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
inch tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

ich pots,	5 to 6 leaves,	18 to 20 in. high	0.35
nch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
nch pots,	5 to 6 leaves,	34 to 36 in. high	1.50
nch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
nch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
nch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
nch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
nch pots,	3 plants in a pot,	28 in. high	$1.50
nch pots,	3 plants in a pot,	36 to 38 in. high	2.50
nch tubs,	4 plants in a tub,	38 to 40in. high	3 00
nch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
nch tubs,	3 plants in a tub,	48 to 54 in. high	5.00
nch tubs,	4 plants in a tub,	52 to 56 in. high	6.00
nch tubs,	4 plants in a tub,	5 ft. high	8.00
nch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
nch tubs,	4 plants in a tub,	6 ft. high	12.00

ery strong specimens in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Kentia Belmoreana

Made-up Plants

6- n. pots	3 plants in a pot	24 in. high	$1 20
7-in. pots	3 plants in a pot	38-40. high	3.55

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 50 cents.
7-in. pots 22-in. high 30-32-in spread.....$2.00
7-in. pots, 26-in. high 34-36 in. spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

5 inch, each	$0.25	per doz	$ 3.00
6 inch, each	.50	per doz	6.00
7 inch, each	.75	per doz	9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties, from 65c to $3.00 each in bloom.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2.50 each.

Cyclamen

In bloom, 5-in. at 35c and 6-in. at 50c each. Mostly light colored.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in , $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants. $1.50 to $2.00 each.

Aspidistras

Green, 5-in. pots, 10-12 leaves, $1.00.
Variegated, 5-in. pots, 10-12 leaves, $1.50,

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-in. and 2-in. plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator, Venus, Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale, David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

After March 15 you can get all the Cannas listed above in pots; 3 in., $5.00 per 100; 4-in., $8 per 100.

☞ **Lily of the Valley in Pots.** In bloom, 6 inch, 75 cents each; 25 pips to the pot.

Hyacinths in all colors in pots, pans and boxes at 8 cents per bulb. Single Hyacinths in four inch pots, 10 cents.

☛ **Place your Easter orders early for Pot roses, Lilies, Spireas, Azaleas, Hydrangeas, Bulbous Stock, etc, to avoid disappointment.**

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

Grafted and Own Root Rose Plants

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-in.	Per 1000	Per 5000
ssell	$130 00	$600 00
belia	130 00	600 00
dley	120 00	550 00
s. Geo. Shawyer	110 00	500 00
ron Ward	110 00	500 00
larney	110 00	500 00

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Grafted, 2½-in.	Per 1000	Per 5000
White Killarney	$110 00	$500 00
Killarney Brilliant	110 00	500 00
Richmond	110 00	500 00
Bulgarie or Taft	110 00	500 00
Cecile Brunner	100 00	.....

Own Root, 2½-in.	Per 1000	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00
Aaron Ward	60 00	275 00

Own Root, 2½-in.	Per 1000	Per 5000
Sunburst	$60 00	$275 00
Milady	60 00	275 00
Killarney Brilliant	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white.....$8 00 per 100; $70 00 per 1000

Miss Pauline Anderson, late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

HITE—	R. C. per 100	1000	2½-inch per 100	1000
mith's Advance	$2 50	$22 00	$3 00	$27 00
ctober Frost	2 50	22 00	3 00	27 00
irginia Poehlmann	2 50	22 00	3 00	27 00
harles Razer	2 50	22 00	3 00	27 00
lise Papworth	2 50	22 00	3 00	27 00
. H. Chadwick	2 50	22 00	3 00	27 00
imothy Eaton	2 50	22 00	3 00	27 00
ynnwood Hall	2 50	22 00	3 00	27 00
urner	2 50	22 00	3 00	27 00
mith's Ideal	2 50	.....	3 00	.....
conto	2 50	22 00	3 00	27 00
lice Salomon	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	1000	2½-inch per 100	1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00

YELLOW—	R. C. per 100	1000	2½-inch per 100	1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00

YELLOW—	100	1000	100	1000
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salcmon	2 50	22 00	3 00	27 00
BRONZE—O. H Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000.
Philadelphia, light pink, $6.00 per 100; $50 00 per 1000. **Winsor,** $20 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Lower Prices on Flowers

Easter Lilies Stems 3 to 4 feet long; very choice flowers, $10.00 per 100, or $1.50 per dozen.

Roses Very choice quality in all lengths of stem. We especially recommend our Shawyer, as at this time of year it is the finest Pink Rose in the market.

Carnations Our big fancy Red Carnation, the **Belle Washburn,** at 4c, is the best buy in the market. It is the American Beauty of the Carnation family. Fancy Pink and White Carnations, 3c to 4c, depending on market conditions.

We handle Bruns' Valley, Jurgens' and Cochrane's Tulips, Daffodils, Narcissus and other bulbous flowers, so have the finest stock coming in this market.

CURRENT PRICE LIST

BEAUTIES.	Per doz.
Specials, stems 48 in. and over	$5.00
30 to 36 in. stems	$3.00 to 4.00
18 to 24 in. stems	1.50 to 2.00
Shorter lengths	.50 to 1.50

Richmond-Killarney Brilliant-Pink and White Killarney.	Per 100
Specials, extra long stems	$10.00
Long	8.00
Medium length stems	6.00
Short length stems	3.00 to 4.00

Rhea Reid-Bulgaria-Sunburst.	Per 100
Specials	$10.00
Long	8.00
Mediums, stems 10 to 15 in	6 00
Shorter stems	4.00

Carnations.	Per 100
Fancy red, very choice	$3.00 to $4.00
Fancy dark pink, very choice	3.00 to 4.00
Fancy white and light pink, very choice	3.00 to 4.00
Easter Lilies	per doz., $1.50 10.00
Lily of the Valley	3.00 to 4.00
Narcissus Paper Whites	2.00
Tulips, single or double	2.00 to 3.00
Jonquils	2.00 to 3.00
Sweet Peas, pink and lavender	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STOCK STILL PLENTIFUL.

Stock of all kinds is still plentiful, with the possible exception of fancy American Beauty roses, which command good prices. Roses of all kinds are seen in large supply, and some especially fine stock is now obtainable in Killarney, White Killarney, Sunburst, Ophelia, Mrs. Aaron Ward, Fire flame, Bulgaria, Rhea Reid, Richmond, Milady, Mrs. Chas. Russell and Killarney Queen. Carnations are seen in large quantities everywhere, but are cleaning up well each day at fairly good prices, considering the large supply of other stock that is reaching the market. Some especially fine freesias are obtainable in large quantities now and is having a fairly good call. Sweet peas are more plentiful and are improving in quality each day and are seen featured in many of the window displays in the downtown stores. Violets are in over-supply and are selling at very low prices, which is due to a large extent to the many sweet peas that are now being offered. Lilies and lily of the valley are in good supply and there are more than enough flowers of both arriving to fill all orders. Orchids are in good supply, but gardenias are still on the short side. The supply of tulips, jonquils, Paper White narcissi and gladioli is steadily growing larger, and very choice stock in these lines is now obtainable at very reasonable prices. While stock at present appears to be very plentiful, a few brisk days would find the market pretty well cleaned up and a scarcity in some lines. Everyone is now busy making preparations for Easter, which is rapidly approaching, and some of the dealers report that they have already booked several orders for cut flowers for this occasion.

NOTES.

A. T. Pyfer & Co. is the name of the new wholesale firm that was organized and incorporated on Saturday, February 27, with a capital stock of $5,000. The officers of the new concern are H. E. Philpott, president; V. Bezdek, vice-president; Miss Nettie L. Parker, secretary; A. T. Pyfer, treasurer, and Peter Olsem, chairman of the board of trustees. The new company took over the entire wholesale cut flower business of the Chicago Carnation Co. on March 1 and will conduct its business in the same store in the Atlas building at 30 East Randolph street. A. T. Pyfer says that the new concern will handle the entire output of the Pyfer & Olsem and V. Bezdek ranges at Wilmette, Kirsch Bros.' range at Morton Grove and others. The officers of the new concern need no introduction as they are well and favorably known to the trade in this vicinity and elsewhere, and there is no question but what the A. T Pyfer & Co. will enjoy a successful business from the start.

The Chicago Flower Growers' Association is receiving regular shipments of the pretty rose, Fireflame, from the Weiland greenhouses in Evanston. Fancy American Beauty roses are seen in good supply at this store.

USE Budlong's Blue Ribbon Valley.

Mention the American Florist when writing.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

BEAUTIES

Now cutting on an average of 2500 long, medium and short-stemmed American Beauty roses per day and can supply you with fancy stock at prices ranging from $1.00 to $5.00 per dozen. Always bear in mind that over 2,000,000 feet of our own glass enables us to supply you at all times with anything that you may need in seasonable cut flowers that is mentioned in our price list.

Current Price List.

AMERICAN BEAUTIES	Per doz.
Extra fancy	$5 00
30-36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.	Per 100
Specials	$10 00
Select	8 00
Medium	$5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward	Specials	$10 00
	Select	8 00
	Medium	6 00
	Short	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short	75 to 1 00
Roses, our selection, per 100		$3 00

	Per 100
Carnations, fancy	$2 00 to $4 00
Sweet Peas	1 00 to 1 50
Harrisii, per doz.,	$1 50 to $2 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Smilax, per doz.,	$2 00
Adiantum	1 00
Asparagus, per bunch	50 to 75c
Ferns, per 1000	$2 50
Boxwood, per bunch	25c
Galax, bronze and green, per 1000	$1 00
Leucothoe Sprays, per 100	75c to 1 00

ATTENTION!

We wish to announce that we have taken over the entire Cut Flower Business of the CHICAGO CARNATION CO., and will continue the business in our own name.

We have growers interested with us whose stock we have handled for some time and with the new arrangement we will have twice as many Fancy Carnations and double the amount of Roses in all the leading varieties and a full line of Bulb stock, Sweet Peas and a heavy cut of Easter Lilies.

Experience, Quality and Service

assures you of the best the market affords at usual reasonable prices.

A. T. PYFER & CO.,

OFFICERS:

H. E. PHILPOTT, Pres. — NETTIE L. PARKER, Sec'y.
V. BEZDEK, Vice-Pres. — A. T. Pyfer, Treas. and Mgr.

30 E. Randolph St., **Chicago, Ill.**

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

P. W. Peterson, of the J. D. Thompson Carnation Co., was in the city this week on business connected with the range of 125,000 feet of glass that his firm rented last week from H. N. Higingbotham for five years at a yearly rental of $4,000. Mr. Peterson says the Thompson Co. now has 250,000 feet of their own glass, which is devoted principally to carnations, sweet peas and chrysanthemums. He will have charge of both places, and the entire output will be sold at wholesale direct from the greenhouses as before. Several thousand dollars will be spent to place the newly acquired range in the proper condition as early as possible. There are 400,000 rooted carnation cuttings ready for immediate shipment at the Thompson range now, not to say anything about the chrysanthemum stock, which is advertised. Mr. Peterson says that his firm has acquired all rights to Aviator, the new scarlet seedling carnation, which will be disseminated during the season 1915-1916.

The Raedlein Basket Co. is expecting a large importation of baskets from their large factories in Germany, which is due to arrive here the first of next week. This firm has experienced no difficulty so far in receiving stock from abroad, and will be able to take care of their customers right along. A complete line of Easter baskets is now on display at their Milwaukee avenue store.

Fred Burki, of the Pittsburgh Cut Flower Co., and family, arrived here from Pittsburgh, Pa., March 1, leaving the same evening for San Francisco, Calif., where several weeks will be spent at the Panama-Pacific exposition. They will also visit the San Diego exposition and the principal cities in the west, either on their way to the coast or on their way home.

The Retail Florists' Association held its regular monthly meeting at the Fort Dearborn Hotel on Monday evening, March 1, when a banquet was given and preliminary steps were taken to incorporate. The papers are now in Springfield and as soon as they are received a meeting of the stockholders will be held, which is likely to be some time this week.

The Paris Floral Shop, now located at 11 East Jackson boulevard, will move into new quarters at 15 East Jackson boulevard in the near future, when the proprietors, Peter Duris and Peter Papes, will change the firm name to the Central Floral Co. This firm has a branch store in the Broadway theater building at Detroit, Mich.

N. J. Wietor of Wietor Bros. says that while business is a little quieter, stock is cleaning up well each day, which is probably due to the fact that many of the larger growers are not cutting very heavily at present. This firm will have a nice large cut of white carnations for St. Patrick's day.

At Peter Reinberg's store the principal offerings are American Beauty and Sunburst roses and fancy sweet peas. Felix Reichling says that the shipping trade is very good and also that his firm is now cutting on an average of 2,500 American Beauty roses per day.

Zech & Mann are having a good call for fancy sweet peas and freesias, which they are handling in quantity. Allie Zech kept things moving at the store this week, while Zech & Mann were attending the Illinois State Florists' Association meeting at Urbana.

J. J. Kral has been very busy the past few weeks buying up all kinds of blooming and foliage plants for the Fleischman Floral Co., at 84 East Jackson boulevard. Mr. Kral has had charge of the plants at the Fleischman store since last Christmas.

Alfred Dietsch says that business so far this year with the A. Dietsch Co. has been very good and that orders for greenhouse materials are continually arriving. The indications are that the season as a whole will be considerably better than last year.

THE OPEN DOOR TO GREATER PROFITS
THE OPEN DOOR TO GREATER PROFITS
H. VAN GELDER Pres. L. M. JONES, Sec'y.
PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
66 East Randolph Street
CHICAGO
THE OPEN DOOR TO GREATER PROFITS
THE OPEN DOOR TO GREATER PROFITS

Percy Jones is handling large quantities of seasonable stock, especially choice carnations, which are moving readily. Both the local and shipping trade are holding up well at this busy establishment and promise to continue so.

Chas. W. McKellar says that he has enjoyed the winter on his farm in Niles township as much as he did the summer last year and that so far the trips to and from the store were made by auto.

Hoerber Bros. are handling regular shipments of home grown violets and all bulbous stock in season in addition to their regular line of roses and carnations.

The Frank Floral Co.'s store is directly opposite the Le Moyne building, in which the E. C. Amling Co. and A. L. Randall Co. will soon be located.

J. A. Budlong has never offered as fine a supply of roses at this season of the year as he is right now.

Joseph Ziska & Sons report business as very good in both the supply and wire works departments.

Joe Pollworth, of the Chicago Feed & Fertilizer Co., is calling on the trade in Michigan this week.

EXCEPTIONALLY FINE

AMERICAN BEAUTIES

Headquarters for the finest Beauties now obtainable. Try us on your next order and you will be surprised what splendid flowers you will receive for the money.

Roses, Carnations, Violets, Lilies, Sweet Peas, Valley, Tulips, Paper Whites, Romans, Jonquils, Freesias, Orchids, Etc.

Current Price List.

Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
Long stems	$4 00 to $5 00
36-inch stems	3 50
24 to 30-inch stems.	3 00
20-inch stems	2 50
18-inch stems	2 00
12 to 15-inch stems.	1 00 to 1 50
	Per 100
Richmond, Specials	$10 00 to $12 00
Medium	6 00 to 8 00
Short	4 00
ROSES, our selection.	3 00

		Per 100
W. Killarney, Killarney, "Brilliant"	Fancy..	$10 00
	Med....	$6 00 to 8 00
Ward, Sunburst	Short..	4 00
Carnations, common..		2 00 to 3 00
Fancy		4 00
Splits		1 50
Valley		3 00 to 4 00
Violets (double)		50
Violets (single)		50
Jonquils		2 00 to 3 00
Gladioli		6 00
Freesia (choice white)		2 00 to 3 00

	Per 10
Paper Whites	$2 00 to $3 00
Lilies per doz.,	1 50 to 2 00
Callas per doz.,	1 50 to 2 00
Sweet Peas	75 to 1 50
Smilax per doz.,	1 50 to 2 00
Adiantum	1 00
Asparagus Strings, ea.,	75
Asp. Plumosus bunch,	35 to 50
Fancy Ferns, per 1000,	2 50
Wild Smilax, per case,	5 00
Boxwood per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays	75
Mexican Ivy	75

A. L. VAUGHAN & CO.,

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

The employes at Bassett & Washburn's store had the usual birthday decorations in honor of C. L. Washburn on Saturday, February 27, when Heinze's 57 varieties were artistically arranged on the popular wholesaler's desk with the other trimming that Ed. Enders, Tony Einweck, Joe Einweck, Allan Gerlin and Art Pasternick thought were necessary. The unique decorations attracted much favorable attention. Mr. Washburn received many telegrams and letters from friends from all sections of the country wishing him many happy returns of the day.

Stephen A. Jamieson, formerly of this city, has been selected to act as manager of the Leon C. Warner Co., Warner building, Minneapolis, effective March 15. The company handles a complete line of contractor's equipment, including concrete mixers, hoists, pumps, etc. Mr. Jamieson's association with the Universal Portland Cement Co. here and in Minneapolis has made him a wide acquaintance among cement users throughout the middle west, and his management of the Leon C. Warner Co. should be a valuable addition to their organization.

Wm. Lubliner opened his new store at 36 South Wabash avenue March 2 and is well pleased with the business he has enjoyed since then. The interior of the store is all finished in white and presents a most inviting appearance. Miss Lillian Lubliner will act as cashier and John Madden, formerly with the Ernst Wienhoeber Floral Co., will serve the customers.

Dick Parker is calling on the trade in this vicinity in the interest of Poehlmann Bros. Co. and is booking a large number of nice supply and plant orders every day.

Miss Lottie Sibel is the latest addition to the sales force at the Art Floral Co.'s West Monroe street store.

ROSES

	100
Killarney	$3 to $10
White Killarney	3 to 10
Richmond	4 to 10
Fireflame	5 to 10
Ward	4 to 12
Milady	$6 to $12
Killarney Queen	6 to 12
Shawyer	6 to 12
Beauties, 60 in. stems	$5 to $6 per dozen

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. **Chicago**

EVERYTHING

Cut Flowers AND Greens

Send all your orders where they will receive the proper attention.

THE NEW LIVE WIRE.

FRANK FLORAL CO.

Wholesale Florists, 179-181-183 Wabash Ave., CHICAGO.

Mrs. Ennis, of the Wisconsin Floral Co., Milwaukee, Wis., visited with friends here on February 26.

Al. Fischer says that business has been pretty good right along at his North Clark street store.

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

ROSES AND CARNATIONS

Large supply of all the old standard and best new varieties in **Roses** and **Carnations** in all grades at prices that are reasonable when the exceptional fine quality of the stock that we are offering is taken into consideration. If you are not already one of our many satisfied customers there is no better time to get into line than right now. Start today and you will be so well satisfied with our stock and treatment that you will wonder why you have passed us up before.

Fancy Freesias and Sweet Peas

Finest obtainable in the Chicago market. Also fancy stock in Tulips, Narcissus, Violets, Valley, Lilies and everything else that is seasonable in Cut Flowers and Greens. Our line is so complete at all times that if any particular item is desired and is to be had, it is usually at our establishment.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284 3283 **Chicago**

Cyaceine Flower Coloring

Acts quickly and doesn't injure flowers.

20c per quart
6 for $1.00

ST. PATRICK GREEN
YELLOW
BLUE
ORANGE
PINK
AMERICAN BEAUTY

Be sure of your supply for St. Patrick's Day by ordering **NOW.**
I deliver at your door by parcel post.

C. R. CRANSTON, 148 Orchard St., AUBURN, R. I.

St. Patrick Green

——Sold by——

C. C. Pollworth Co., - Milwaukee, Wis.
A. T. Pyfer & Co., - - Chicago, Ill.
Colorado Seed Co., - Denver, Colo.
Geo. B. Hart, - - Rochester, N. Y.
N. Y. Florists' Supply Co., New York, N. Y.
N. E. Florists' Supply Co., Boston, Mass.
Rice Brothers, - Minneapolis, Minn.
Windler Wholesale Floral Co., St. Louis, Mo.

The E. C. Amling Co. has rented 5,000 feet of floor space on the main floor of the new Le Moyne building at the southwest corner of Lake street and North Wabash avenue for a term of years, and will take possession as early as possible, which will likely be about March 21. New refrigerators will be installed and everything will be up to date, according to John Michelsen, who is anxious to have everything in readiness before the Easter trade sets in.

Poehlmann Bros. Co. is booking a large number of orders for the Hughes shamrock box for St. Patrick's day of the 1915 design, which is a winner. The box is five and one-half inches long, three inches wide and three inches deep. It has a compartment for two 2-inch shamrock plants and an Irish landscape scene is reproduced in the inside cover. In the cut flower department a fine line of stock is now being offered, especially in tulips, orchids, roses and carnations.

A farewell party was given in honor of Richard Salms at the Exchange in Morton Grove, Wednesday evening, February 24, when all the city fathers and a large circle of friends were present. August Poehlmann acted as toastmaster and gave both him and his partner, Guy French, a great send off. Everyone in Morton Grove is sorry to part company with Guy and Dick, but wish them every success in their new undertaking.

Blewitt & Prickett, proprietors of the Des Plaines Floral Co., are now consigning the entire output of their range, consising of 30,000 feet of glass, to Hoerber Bros., the well known local wholesale florists. They grow carnations and miscellaneous cut flowers and the quality of their stock compares favorably with the best that is to be had in this market.

Another surprise party was given in Morton Grove on Saturday evening, February 27, in honor of Guy W. French at his home, and it is needless to add that everyone present had a splendid time. About 40 people were present, including August, John and Adolph Poehlmann and families.

A. L. Vaughan & Co. are showing a large supply of tulips, jonquils, freesias, gladioli and all other bulbous flowers in season. Business continues to be very good at this house with fancy American Beauty roses having the call.

It is rumored that one of the young couples employed in the local market on the second floor of the Atlas building will be married in the near future. Oh, you wedding bells!

F. O. Franzen is enjoying a nice business at his North Clark street store, where he is busy making preparation for the spring trade.

Henry Wittbold had a big decoration at Marshall Field & Co.'s this week which covered the entire fifth, sixth and seventh floors.

E. B. Washburn, of the firm of Bassett & Washburn, now in California, will celebrate another birthday anniversary March 5.

Governor Dunne has issued his annual arbor day proclamation, giving April 16 and October 22 as the days to be observed.

John Poehlmann, Jr., who is a student at the Culver Military Academy at Culver, Ind., is visiting his parents here this week.

A. F. Keenan has greatly improved the interior of his store at 1306 East Sixty-third street.

The West Chicago park commissioners will take bids on a lot of trees and shrubs March 9.

Mrs. Adam Zender is visiting with her daughter, Mrs. Robert Windler, at St. Louis, Mo.

W. J. Smyth and wife have returned from a most delightful visit in Florida and Cuba.

Bulbous plants are in good bloom at the Lincoln park conservatories.

Visitors: Mrs. Ennis, of the Wisconsin Floral Co., Milwaukee, Wis.; E. G. Hill, Richmond, Ind.; P. W. Peterson, Joliet; Fred Burki and family, Pittsburgh, Pa.; H. Rosacker, Minneapolis, Minn.

USE Budlong's Blue Ribbon Valley.

High Grade Floral Publicity

Write today for full particulars and sample

McNeff-Swenson Co.

220 So. Michigan Ave., CHICAGO

ERNE & KLINGEL

BEST GREEN CARNATION DYE for St. Patrick's Day, 50c and $1.00 per package.

30 East Randolph St., WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

Flower Growers Corporation

Wholesale Only. Consignments Solicited.

118 Broadway, DETROIT, MICH.

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

A. L. Randall Co.,

RANDO BRAND 177 N Michigan Av. CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Wholesale Flower Markets

Current Price List	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in	5 00
" " 30-in	4 00
" " 24 in	3 00
" " 20-in	2 00
" " 15-in	1 50
" " 12-in	75@1 00
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	3 00
Carnations	1 50@ 4 00
Cattleyas...per doz...	4 00 to 6 00
Freesias	3 00@4 00
Gladiolui (Southern)	6 00
Gardenias	$6.00 per doz.
Lilium Harrisii	12 50@15 00
Paper Whites	2 00@ 3 00
Romans	2 00@ 3 00
Stevia	1 50@ 2 00
Sweet Peas	1 00@ 2 00
Tulips	3 00@ 4 00
Valley	3 00@ 4 00
Violets	50@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns	2 50
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

166 N. Michigan Avenue
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Kennicott Bros.

Wholesale Commission Florists
Wire Designs and Supplies.

CHICAGO

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30 East Randolph St., - - Chicago

Telephone, Central 328

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone. Randolph 3619

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS
Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

USE Budlong's Blue Ribbon Valley.

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

Chicago Florists' Club.

The March meeting of the florists' club was held at the Hotel Bismarck, March 1, Vice-President Morton occupying the chair in the absence of President Keimel. This meeting had been advanced several days to afford the members an opportunity of meeting the executive committee of the Society of American Florists, which held its annual spring meeting in Chicago, March 1-2. The routine business was speedily transacted, including the election of Fred Schramm and E. Muret, Park Ridge; Rudolph Ellsworth, Downer's Grove; Chas. Schwake and Milton Alexander, New York; Ernst Knecht, 1335 South Keeler avenue, and Howard R. Votaw, 5201 South Ashland avenue, to membership and the following were nominated for membership: L. Hoeckner, Crystal Lake, Ind.; Fred Ronsley, 106 South Dearborn street, and Gus Swenson, 707 Buckingham place. Guy W. French, for the transportation committee, announced that the Northwestern railroad had been selected for the California trip, and this action was endorsed by the club. It is understood that President Welch, of the Society of American Florists, has appointed a committee of the na-

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

tional organization to cooperate with the Chicago Florists' Club committee in completing arrangements for the California trip, this committee consisting of President Bunyard, of the New York Florists' Club; President Burton, of the Florists' Club of Philadelphia, and President Bartsch, of the Gardeners' and Florists' Club of Boston.

Vice-President Morton here called upon E. G. Hill, of Richmond, Ind., to take the chair and introduce the various distinguished visitors. Mr. Hill officiated in his usual happy style and the representatives of the various national organizations, American Rose Society, American Carnation Society, Florists' Telegraph Delivery and National Flower Show Committee, as well as the Society of American Florists, told of the good work which is in progress for the welfare of the trade at large, the speakers, including John Young, New York; Patrick Welch, Boston, Mass.; A. Farenwald, Roslyn, Pa.; Irwin Bertermann, Indianapolis, Ind.; Thomas Roland, Nahant, Mass.; Wm. R. Nicholson, Framingham, Mass.; Theodore Wirth, Minneapolis, Minn.; August Poehlmann, Morton Grove; R. C. Kerr, Houston, Tex.; Wm. F. Kasting, Buffalo, N. Y.; C. E. Critchell, Cincinnati, O.; George Burton, Philadelphia, Pa.; P. J. Foley, Chicago; W. P. Craig, Philadelphia, Pa.; J. J. Hess, Omaha, Neb.; H. H. Bartsch, Boston, Mass., and George Asmus, Chicago. There were many inquiries for Daniel MacRorie, San Francisco, Calif., vice-president of the Society of American Florists; Wallace R. Pierson, Cromwell, Conn., president of the American Rose Society, and Chas. H. Totty, Madison, N. J., of the National Flower Show Committee, and frequent expressions of regret when it was learned that they were unavoidably absent.

Alois Frey, of Crown Point, Ind., gave an interesting account of the new colored freesias, excellent blooms of which were displayed before the club, together with a fine assortment of sweet peas from the Poehlmann Bros. Co. At the close of the proceedings luncheon was served and there were many renewals of old-time friendships, the participants dispersing at a late hour after one of the most profitable and enjoyable evenings in the history of the club, some taking a late train for the State Florists' Association meeting, which opened at Urbana the following day.

Chicago Bowling.

NORTH CHICAGO LEAGUE SCORES.

Players.	Games—1st	2d	3d
J. Huebner	178	195	182
Lorman	165	147	119
Zech	193	170	173
Price	178	183	218
Olsem	163	204	144
Totals	877	899	836

INDIANAPOLIS, IND.—The Indiana State Horticultural Society, through M. W. Richards, secretary-treasurer, has sent out an appeal to its members for help in defeating senate bill No. 360, introduced by Senator Fleming, of Portland, Ind. The bill seeks to make the office of state entomologist a division of the state department of geology and to reduce the annual appropriation to $1,500.

Wholesale Flower Markets

BOSTON, March 3.

	Per 100
Roses, Beauty	5 00@35 00
" Killarney Queen	2 50@ 8 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 6 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	75@ 1 00
" medium	50@ 75
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, March 3.

Roses, Beauty, special, doz.,	6 00
" " fancy, "	4 00
" " extra "	3 00
" " No. 1, "	2 00
	Per 100
" " No. 2	4 00@ 6 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Hillingdon	2 00@ 5 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 6 00
" Taft	4 00@10 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Freesia	3 00@ 4 00
Mignonette	4 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Tulips	2 00@ 3 00
Asparagus Sprengeri	35@ 50
Ferns, per 1000	2 00
Smilax	15 00

CINCINNATI, March 3.

Roses, Beauty, per doz.	$1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	8 00@10 00
Asparagus Plumosus, per bch., 25c	
Carnations	2 00@ 3 00
Hyacinths	3 00@ 5 00
Orchids, per doz.	3 00@ 3 50
Violets	35@ 50
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	3 00@ 4 00
Rubrum Lilies	4 00@ 8 00
Tulips	3 00

ST. LOUIS, March 3.

	Per 100
Roses, Beauty, medium	8 00@12 50
" " short stems	4 00@ 6 00
" Killarney	4 00@10 00
" White Killarney	6 00@10 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	4 00
Carnations	2 50@ 4 00
Orchids	35 00@50 00
Rubrum	8 00
Violets	40@ 60
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	12 50
Jonquils	4 00
Tulips	3 00@ 4 00
Sweet Peas	50@ 1 50
Callas	8c@12½c
Acacia, per bu.	$2 50@$3 00
Ferns, per 1000	2 00
Leucothoe, per 100	60
Galax, per 1000	1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

USE **Budlong's** Blue Ribbon Valley.

Southern Wild Smilax
New Crop now ready for shipment, $2.50 per case
Natural and Perpetuated Moss.
Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA.

KANSAS CITY, MO.—Samuel Murray, referring to trade conditions for February, reports local business on the whole as very satisfactory. Orders were not as large as during the corresponding period in 1914, but this was expected. Excellent stock has been the rule and good prices have ruled. Pot plants have enjoyed a splendid demand. Single violets, of quality unexcelled in the United States, are being received, but the demand is heavy and far exceeds the supply. Cattleyas are being cut daily, and some fine sprays of oncidium have been seen here. The total sales for the month were considerably augmented by a splendid St. Valentine's day trade, cut flowers and plants for that day showing an increase in popularity. Fine Darwin tulips, grand in color, were features with him for that day and found ready sale at good prices.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

Florists' Greening Pins

No florist should be without a box of Greening Pins, considering their small price, convenience and amount of labor saved. One box contains 10 lbs. (about 10,000 to 11,000 pins.)
Price, per box, $1.50; 5 boxes for $7.00.

GEO. H. ANGERMUELLER
Wholesale Florist, 1324 Pine St., St. Louis, Mo.

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Philadelphia.

INCREASING SUPPLY CAUSES SURPLUS.

The market has been draggy the past week, there appearing very little life until the last, when it wound up with a rush, owing to some important funerals and a better general demand for all kinds of spring flowers. The supply is rapidly increasing, compelling the retailers to hustle to prevent a dangerous surplus. Some of the wholesale houses have found a way out by consigning their surplus, or whatever is demanded, to department stores, who buy at "surplus" prices and are given credit for unsold stock, which is returnable at the close of the day. To compete with department store methods and opportunities is a task that most retail men are not equal

PHILADELPHIA SPRING SHOW
MARCH 23-25.

to—it is easy to say that such competition has no effect on the regular store trade, but, when large, showy ads appear, offering choice stock at prices little or none above those the retailers have to pay, the prospects for the small dealer are not very rosy. American Beauty roses are becoming more plentiful, and from now on will be a factor, as when they can be sold for a moderate price, they are generally the first choice. Some splendid Richmonds have been seen the past week; in fact, all the roses are now at their best. Carnations are more plentiful, with lower prices, and the stock is fine, although the "stapled" bunches are much in evidence. There is a full supply of both double and single violets; also, plenty of lily of the valley, cattleyas and gardenias, all of which are offered at low prices. Orchid peas are offered in quantity and the quality is fine.

CLUB MEETING.

Tuesday evening was carnation night at the florist club. There were a number of vases of the newer sorts, all fine flowers; also a new rose from John Cook, of Baltimore, and a display of Darwin tulips. E. A. Harvey, of Brandywine Summit, read a very interesting paper on "Will the Carnation Come Back?" which was well received. The attendance was very large, A. M. Herr piloting twenty members of the Lancaster Florists' Club, who, after visiting prominent carnations growers in this vicinity, called to see the exhibits at the club, but could not stay to the meeting. Henry A. Dreer offered a fine bowling prize as an encouragement to this pastime, conditional that it must be won by games played on the club alleys.

Wholesale Flower Markets

PHILADELPHIA, March 3.	Per 100
Roses, Beauty, extra	60 00@75 00
" " first	15 00@25 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 2 00
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, March 3.	Per 100
Roses, Beauty, special	50 00
" " fancy	35 00
" " extra	20 00
" " No. 1	10 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00@ 3 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75@ 1 00
Violets	1 00
White Lilac, per bunch.	75
Asparagus Sprengeri, per bunch.	35@40
" Sprays, per bunch.	35@40

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, March 3.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 4 00
Lilies, per doz., $1.50	
Snapdragon, per bunch, 25c @50c	
Sweet Peas	75@ 2 00
Valley	2 00@ 4 00
Violets	50@ 1 00
Tulips, Freesia	2 00@ 3 00
Daffodils, Trumpets	3 00
Romans, Paper Whites	2 00@ 3 00

Our Motto:—The Best the Market Affords

C. S. & Co.
NEW YORK

JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00
Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00. Lilium Multiflorum, 7/9-in., case of 300 bulbs, $16.50. Lilium Giganteum, 7/9-in., case of 300 bulbs, $16.50.
CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

NOTES.

Henry A. Dreer is having a great run on hardy phlox. The stock is very large and varied, which, together with a special 20 per cent discount at this time has things moving. The spring shipping trade has started with a rush, many orders being received from the south.

Stuart H. Miller has opened his new wholesale house at 1618 Ranstead street. The store is ideal in every respect, being very light, convenient in its appointments, and in an ideal location, being in the center of the wholesale district.

Signs that Easter is approaching are seen in the increasing list of blooming stock that is offered, azaleas, genistas, wistarias, daisies, cinerarias, primulas, and all kinds of bulbous stock, in pots and pans, being in the market the past week.

The W. Atlee Burpee Co. is preparing for a record-breaking business; the European trouble giving them a better market for home-grown seeds, of which it is one of the largest producers in this country.

The M. Rice Co. presents its business to their customers frequently, Uncle Sam very obligingly carrying their elaborate brochures and booklets, of which their present Easter portfolio is a fine example.

American Beauty roses and Spencer peas are leaders with the Niessen Co. Snapdragons and high-grade carnations are also seen in large quantities. Emperor and Golden Spur daffodils are very plentiful.

Charles H. Grakelow is to address the Lancaster Florists' Club on "Business" March 18. The Lancaster boys have a great treat in store for them, for Charlie "makes good" wherever he goes.

The Joseph Heacock Co. is cutting some of the choicest Richmond roses that have ever come to this market. Their Killarneys, both white and pink, also grade high.

Roses, calla lilies and daffodils are leaders with the Berger Brothers. Orchid peas and extra fine lily of the valley are also handled in quantity.

K.

Albany, N. Y.

Among the recent appointments following the inauguration of Governor Whitman, is that of Frank M. Briare as gardener at the executive mansion on Eagle street. Fenton Fennell of Cohoes, formerly a florist, has been named assistant to Mr. Briare. To Albanians, Mr. Briare is well known for his long connection with the firm of Whittle Brothers, florists, 52 North Pearl street. His duties will include the decoration of tables for luncheons and of the drawing rooms for the various functions at the mansion.

From Rhinebeck, Dutchess county, comes the report that Vincent Astor, who inherited the estate of his father, the late John Jacob Astor, is to develop one of the largest orchards in the state. He has placed a first order for 2,100 trees with a Maryland nursery. The Astor estate includes about 3,000 acres near the village of Rhinebeck, in one of the best fruit and farming sections in New York.

R. D.

DES MOINES, IA.—U. L. Crawford has taken a five-year lease on the store at 804 Walnut street and will open a flower shop.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

New York.

DULLNESS MARKS LENTEN PERIOD.

Business, which held up well at the beginning of Lent, fell off to a marked degree during the past week. We would not state that it was due to any particular increase in religious fervor, because orthodox New York keep their religion with them all the year round. The weather, during the early part of the week, was very bad; rain, fog and general discomfort, which kept many people indoors. The supply of stock was increasing all the time, and much of it was good stock. We have a good friend in this district whose advice is: "Always boost and never knock." We appreciate his advice, but facts are stubborn things. Relating to stock and its quality, much that has been arriving was very fine. There was no great surplus in special stock

NEW YORK SPRING SHOW
MARCH 17-23.

of roses, but there were more than enough to supply the demand. Special American Beauties went down to $30 per 100, with probable sales at lower figures. Along the general line of tea roses a similar relapse was noted. Fine Easter lilies, that a short time ago were wholesaling at 10 cents per flower, dropped to 6 cents, and were hard to move at that. Very fine stock of the Spencer type of sweet peas is on the market, but it moves slowly. The same may be said of carnations, orchids, gardenias and the various types of bulbous stock.

March 1.—The market is very dull with a surplus of various stocks, but it may be added that if buying was normal there would be no great oversupply. Sweet peas, in particular, are piling up on the tables of the wholesalers and fine Spencer stock is selling very cheap. Short stock of lily of the valley is selling as low as 25 cents to 50 cents per 100 and hard to move at that. Freesias are very plentiful and hard to move. In other bulbous stocks there is more than enough to supply the demand. The supply of American Beauties is light and prices have advanced to $40 per hundred for specials.

HORTICULTURE ON ELLIS ISLAND.

No doubt when the majority of our readers see this headline they will laugh, but it is not a laughing matter. Some time ago President Wilson appointed a new immigration commissioner for this port. His name is Frederic C. Howe, and he at once set to work to make conditions more agreeable for the detained immigrants. He allowed them to go out on the lawn, saying: "It may hurt the grass some, but it will help the immigrants." Geraniums and other plants are now being grown in the living rooms.

NOTES.

The eighth annual entertainment and ball of the Greek-American Florists' Association was held at the Terrace Garden on the night of February 25. From every viewpoint, it was a great success. The decoration of the hall was exceptionally fine, being under the personal supervision of Theodore Malandre, of Malandre Brothers. Other clever and able members of the decoration committee were, Christ Pappas, James Papadem, George Hanges and S. Sakas. C. Sakelos, the clever and able Colonial florist, was chairman of the committee of arrangements and also chairman of the reception committee. The officers of this association are: George Cotsonas, president; D. J. Pappas, vice-president; C. Tsonmis, secretary; P. Theopine, treasurer; G. Stavropoulos, assistant secretary.. Unfortunately, on account of the illness of his estimable wife, D. J. Pappas was prevented from attending the ball. Previous to the dancing there was an entertainment, in which professional singers, dancers and acrobats took part. After this the floor was cleared for general dancing, which was kept up to the "wee smae hours." John Wilson, the "Subway Florist," was floor manager. In closing, the writer may state that the affair was well managed and carried through without a hitch. One of the leading attractions was "King" Peter Brown, who was a great favorite with the ladies.

Edward Koenig, son of E. C. Koenig, the well known retailer of 148 East

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

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Wholesale Commission Florist
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I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

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Wholesale Commission Dealer in Cut Flowers.
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VIOLETS
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Reasonable prices.
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Wholesale Florists and Cut Flower Exchange
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All the NEW ROSES, CARNATIONS and Seasonable Flowers.
Mention the American Florist when writing.

Wholesale Flower Markets

NEW YORK, March 3.

	Per 100
Roses, Beauty, special	25 00@40 00
" " extra and fancy	15 00@20 00
" " No. 1 and No. 2	5 00@10 00
" Alice Stanley	5 00@10 00
" Prince d'Arenberg, special	8 00@10 00
" Francis Scott Key, special	8 00@10 00
" Mrs. Geo. Shawyer, special	5 00@ 8 00
" " " extra	3 00@ 4 00
" " " No. 1 & No. 2	1 00@ 3 00
" White Killarney, special	6 00@ 8 00
" Killarney, My Maryland... special	5 00@ 8 00
" " No. 1 and No. 2	1 00@ 3 00
" " Queen, special	5 00@ 8 00
" " Brilliant	1 00@ 6 00
" Aaron Ward	2 00@ 8 00
" Richmond, special	1 00@ 8 00
" Sunburst	1 00@ 8 00
" Taft	2 00@ 6 00
" Milady, special	2 00@ 8 00
" J. L. Mock	3 00@10 00
" Hadley	3 00@15 00
" Ophelia	3 00@12 00
" Mrs. Chas. Russell	2 00@12 00
Carnations	1 00@ 2 00
Cattleya Orchids, special	25 00
" inferior grades	15 00@20 00
Jonquils	2 00@ 2 50
Lilies, Longiflorum and Harrisii	3 00@ 6 00
Lily of the Valley	50@ 2 00
Tulips	1 00@ 2 00
Violets	10@ 35
Gardenias....per doz., $1.00@$2.00	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	2 50
Smilax.....doz. strings.	1 25@ 2 00
Paper White Narcissus.doz., $1.50@$2.00	
Sweet Peas, per doz. bunches.	35@ .50
" " Spencer type, 100 flowers.	.50@1.00

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111 W. 28th St., New York City
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We solicit consignments of cut flowers of all kinds
Books open for inspection.
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WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
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WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
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Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
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The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
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119 West 28th Street NEW YORK

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Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.

Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer
WHOLESALE FLORIST
103 West 28th Street, NEW YORK
Mention the American Florist when writing.

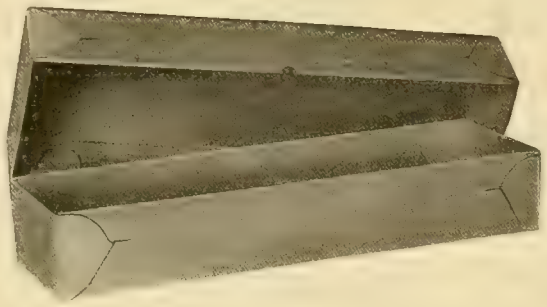
59th street, has recently entered the business with his father. He is a clever and capable young man, and we welcome him to the ranks of the craft.

T. E. Paynter, for many years bookkeeper at the store of G. E. M. Stumpp, has resigned his position. He has been succeeded by William A. Spohn, who started 16 years ago as a wagon boy in the same store.

Schloss Brothers, the well known ribbon men, have taken 200 square feet of space in the Grand Central Palace, for the spring flower show, and will display all the newest attractions in florists' ribbons.

Geo. C. Siebrecht, 109 West 28th street, is receiving exceptionally fine single violets, which sell well. He has also a fine line of orchid flowering sweet peas.

Frank Lorraine has opened a retail flower store in the Hotel Seville, 28th street, between Fifth and Madison avenues.



YOU get both quality and style in SEFTON FLOWER BOXES, at no greater cost. There's no better advertisement than a smart, distinctive package; we insure this for you with the right materials, finished in handsome, non-fading shades.

You ought to have our Catalog (illustrated in colors) also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street, CHICAGO, ILL.

It is believed that the Association of Retail Florists will make a fine display at the spring show.

The next meeting of the New York Florists' Club will be on the evening of March 8.

The scores of the New York Florists' Bowling Club, Thursday, February 25, were as follows:

P. Jacobson	159	167
J. Miesem	169	178
H. C. Riedel	159	179
W. P. Ford	168	166
R. J. Irwin	169	185
P. Rigo	152	161

A. F. F.

St. Louis.

The market has held up well and prices have stiffened up all along the line. Even violets have followed the trail. Cloudy weather was the cause of local scarcity. Carnations are scarce, and three to four cents are easily obtained for good stock. Sweet peas are in demand and bringing good prices.

NOTES.

Philip J. Goebel, Jr., a florist of St. Louis county, in a suit filed at Clayton, February 19, against Dr. Henry Hansen of Kirkwood, asked $10,000 damages for alleged slander. He contends Dr. Hansen accused him of stealing his fertilizer.

City Forester Julius Koenig has started to spray the city trees to destroy the terrapin scale. In April he will start on the pussock bag worm and web worm. The borer pest feeds on the maple.

Park Commissioner Davis will resign his position, much to the regret of everyone. He has done a great deal for the park department, play grounds and other civic improvements.

Mrs. Francis Wilkinson, a former resident of this city, died February 16 at Wright City, Mo. Some time ago she was in the florist business here at 2783 Arlington avenue.

H. G. Berning, notwithstanding the scarcity of good carnations, has had a splendid assortment. His growers are A No. 1 and their stock has the call.

Robert Wolfsberger is cutting some very fancy violets. His consignments find ready sale at good prices at the Wm. C. Smith Wholesale Floral Co.

The Windler Wholesale Floral Co. disposed of large quantities of violets, sweet peas and miscellaneous stock during the past week.

Shaw's Garden is well advanced. Already tulips and crocuses are showing above the ground, with indications of early spring.

Grimm & Gorley, Mullanphy Florists, Alex. Siegel and Foster the florist, had special sales during the past week.

George H. Angermueller had a specially fine assortment of cattleyas during the past week.

The West End Florists report good trade in general during the past week.

Moss Floral Co. will shortly remove to more roomy quarters. W. F.

EASTER BASKETS

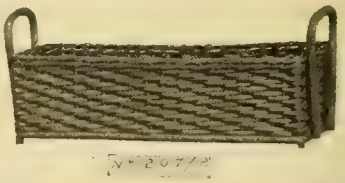
Large stock of all the latest styles for both cut flowers and plants.

PLANT BASKETS

Everything you need for all the Easter Plants, such as Lilies, Azaleas, spring stock, etc.

CUT FLOWER BASKETS

Very pretty Sunray Green and Sunray Yellow effect for both cut flowers and plants. The latter is what you want to use with Jonquils, for the combination is a winner and is proving to be a rapid seller. Write for our latest catalog.



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TO REACH OUR STORE take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

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We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

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Mention the American Florist when writing.

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Display Your Flowers

Send for Catalog No. 71 which describes fully the McCray Refrigerators and Display Cases for Florists.

McCRAY REFRIGERATOR CO.,

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Established in 1857.

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Send us your retail orders.

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WIRE YOUR ORDERS TO HARRY PAPWORTH

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Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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Members of The Florist Telegraph Delivery.

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HARDESTY & CO.,

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146 S. Wabash Ave., Chicago.
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Largest and most centrally located store in the city. All orders given prompt attention.

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

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Flowers for all Occasions.

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DARDS

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

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"HOME GROWN FLOWERS"
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Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
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Lange, A., 25 E. Madison St., Chicago.
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Matthewson, J. E., Sheboygan, Wis.
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Muir, Craig, New York.
Murray, Samuel, Kansas City, Mo.
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Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

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F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

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WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

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All Orders Given Prompt and Careful Attention

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The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

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Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

Mention the American Florist when writing.

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KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

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CLEVELAND

EUCLID AVENUE

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JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

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Telephone 2656 Established 1880

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FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Craig Muir.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

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Phones, 1552-1553 Columbus

Mention the American Florist when writing.

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing.

New York.

CRAIG MUIR,

62 WEST 40th STREET.

Will fill your orders for

New York and Vicinity

with promptness and satisfaction.

Mention the American Florist when writing.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing.

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best Dunlop's

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN INC.

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BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist
59-61-63 W. Madison St. CHICAGO

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

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PAUL M. PALEZ,
FLORIST,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
Mention the American Florist when writing.

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing.

DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.
DULUTH, MINN.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF **HEINL'S**

New York.
MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.
Member of The Florists' Telegraph Delivery.

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The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.
ROCK'S FLOWERS
Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.
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"Some Florist"
16 N. 6th St., Ft. Smith, Ark
Mention the American Florist when writing.

Houston, Texas.
Robt C. Kerr Floral Co.
Main and McKinney Phone, Preston 160

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1519 Farnam St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas.
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

SIMMONS & SON, TORONTO
CANADA'S LEADING FLORISTS
F. T. D. Members 266 Yonge St.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

Trade Directory
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Funeral Emblems Cut Flowers
Brown Bros. & Co.,
Ltd.
FLORISTS, NURSERYMEN AND SEEDSMEN
Bulbs Seeds
48 Hastings St., E.,
Vancouver, B. C.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade discount
229 WEST THIRD STREET

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Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Delivery.

20% Discount

ON ORDERS FOR

Hardy Perennial Phloxes

The Phloxes here offered are all one year old field-grown plants. It is our custom to pot these into three-inch pots about the middle of March for the Spring trade. To save this extra handling we will allow a special discount of 20 per cent from our regular low prices here quoted, on all orders booked for immediate delivery between February 20 and March 15.

General Collection of Hardy Phlox.

Albion (Medium). One of our own introductions; producing very larg panicles of pure white flowers, with faint analine-red eye.
Antonin Mercie (Medium). Light ground color, upper half of each petal deeply suffused bluish-lilac, large white halo.
Bacchante (Tall) Tyrian rose, with crimson-carmine eye.
Baron von Dedem (Medium). Brilliant cochineal-red with salmon shadings.
B. Comte (Medium). Brilliant French purple, with crimson carmine shadings, 85 cts. per doz.; $6.00 per 100.
Bridesmaid (Tall). White, with large crimson-carmine center.
Champs Elysee (Dwarf). A very bright rosy magenta.
Coquelicot (Dwarf). A fine pure scarlet, with crimson-red eye. 85 cts. per doz.; $6.00 per 100.
Danton (Medium). Scarlet, pure red eye.
Diadem (Dwarf). A fine dwarf, pure white.
Eclaireur (Tall). Brilliant rosy magenta, with large lighter halo.
Frau Rosalie Wildt. Soft pleasing mauve-rose with carmine eye.
George A. Strohlein (Medium). Bright scarlet, with crimson-red eye; does not bleach. $1.00 per doz.; $7.00 per 100.
Henry Marcel (Medium). Pure red, with bright salmon shadings.
Henry Murger (Tall). White, crimson-carmine center.
Henry Royer (Medium). Tyrian Rose, with lighter shadings.
H. O. Wijers (Tall). White, with bright crimson-carmine eye.
Jeanne d'Arc (Tall). A good standard late white.
Jules Cambon (Medium). Bright rosy magenta, with large white center and light halo.
La Vague (Medium). Pure mauve, with analine-red eye.
L'Evenement (Dwarf). Orange scarlet overlaid with salmon-pink.
Louise Abbema (Dwarf). Very large dwarf, pure white, fine form.
Manzelbrunner. A very large bright soft pink, with a large white eye.
Mme Paul Dutrie (Tall). A delicate lilac-rose, reminding one of some of the beautiful soft pink Orchids.
Mrs. Jenkins (Tall). The best tall early white for massing.
Obergartner Wittig (Medium). Bright magenta, with crimson-carmine eye; large flower and truss; one of the best.
Pantheon (Tall). Bright carmine rose.
Pierre Bayle. Crimson-carmine, overlaid with orange scarlet.
Professor Virchow (Medium). Bright carmine, overlaid with orange scarlet.
Rosenberg. Bright reddish-violet, with blood-red eye, large truss and individual flowers as large as a silver dollar.
Rynstrom. An improved form of the popular variety Pantheon; fine for massing, of a Paul Neyron Rose color.

Selma (Tall). Large flower, pale rose mauve, with claret-red eye.
Siebold (Tall). Bright vermilion-red overlaid with orange scarlet; crimson red eye. 85 cts. per doz.; $6.00 per 100.
Sunshine (Dwarf). Large, analine-red with crimson-red eye and light halo.
Von Hochberg (Tall). Bright French purple, one of the finest dark colored varieties. $1.00 per doz.; $7.00 per 100.
Von Lassburg (Medium). The purest white in cultivation, individual flowers larger than any other white.

Any of the above varieties except where noted, 75 cts. per doz.; $5.00 per 100; $40.00 per 1000.

Novelties and Recent Introductions.

Europa. A white variety with very decided crimson-carmine eye; the individual flowers as well as the trusses are very large, entirely distinct.
Frau Anton Buchner. The finest white variety yet introduced, having the largest truss and individual flower of dwarf habit.
Gefion. A new color in Phloxes, a tender peach-blossom pink with bright rose eye. $1.50 per doz.; $10.00 per 100.
Rheinlander. A beautiful salmon pink with flowers and trusses of immense size, the color of the flower is intensified by a very decided eye of a deep claret-red. $1.50 per doz.; $10.00 per 100.
Riverton Jewel. One of our own introductions which it gives us great pleasure to recommend, a lively shade of mauve-rose illuminated by a carmine-red eye, a splendid improvement on the popular variety Asia. 30 cts. each; $2.50 per doz.; $18.00 per 100.
Thor. A most beautiful and lively shade of deep salmon-pink suffused and overlaid with a scarlet glow and a light almost white halo around its analine-red eye. $2.00 per doz.; $15.00 per 100.
W. C Egan. One of the finest Phloxes yet introduced, and while the individual flowers according to the color-chart are of a delicate lilac color illuminated by a large bright solferino eye the color effect as a whole is a delicate pleasing shade of soft pink. $1.50 per doz.; $10.00 per 100.
Widar. A splendid improvement on Edmond Rostand; in color a light reddish-violet, with very large white center, which intensifies the color.
Tragedie. Deep brilliant carmine with blood-red eye. $1.50 per doz.; $10.00 per 100.
Wanadis. Entirely distinct, a mottling of white and light violet, reminding one of the native Phlox Divaricata Canadensis. The color is intensified by a bright reddish-purple eye, a strong grower producing trusses of immense size. $1.50 per doz.; $10.00 per 100.

Price. Any of the above varieties, except where noted, $1.00 per doz.; $6.00 per 100; $50.00 per 1000.

For full line of seasonable Plants, Bulbs, Seeds, Etc., see our current Wholesale Price List.

Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

The above Prices are intended for the trade only.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

LAST week the United States senate passed the appropriation for the distribution of free seeds for 1916.

VISITED CHICAGO: C. W. Scott, New York, and Seizo Suzuki, Yokohama, both of the Yokohama Nursery Co.

LOUIS BOEHMER'S first shipment of Japanese bulbs to the United States, consisting of eight cases Lilium auratum, was made in 1882.

NORTH CAROLINA growers report the tuberose crop well sold up. It is believed that many growers did not dig their bulbs this season, the local jobbers not having encouraged them to do so because of the falling off in export business.

SUPERIOR, WIS.—An appropriation of $150 for the purchase of pure bred seeds to be distributed among the pupils of the Douglas county rural schools was authorized at the meeting of the Douglas County Development Association February 16.

NASHVILLE, TENN.—J. R. Peay & Co., seedsmen, who opened for business in January, report excellent business from the start. J. R. Peay, actively in charge of the business, was connected with L. H. Hitchcock & Sons, seedsmen, of this city, for 10 years.

JAPANESE bulb shipments to Europe in 1914 fell off approximately 50 per cent, but according to Robert Fulton, of Henry & Lee, New York, this does not necessarily mean an increased supply or lower prices this year. The quality of the bulbs, however, may be somewhat improved, Mr. Fulton says, because of the better selection in planting stocks.

NEW YORK.—A sign on the store, 40 West Twenty-eighth street, reads as follows: "The Uptown Seed Store.—The Harry A. Bunyard Co., Inc., Seeds, Bulbs, and Plants, Grass Seed Specialties." This store will open at an early date. As Mr. Bunyard is very well known in all branches of the trade, he had many callers during the past week, while fitting up his store. We learn that Frank Duggan, formerly with Bridgeman's Seed Warehouse, will be employed by the Bunyard Co.

CHICAGO.—Prices for grass seed on the Board of Trade March 3 were as follows: Timothy, $5.50 to $7.25 per 100 pounds.—The W. W. Barnard Co. is making a number of changes at its West Madison street store, which greatly improve the general appearance. The interior has been repainted and the display windows have been inclosed. A re-arrangement of the counters is contemplated and the cashier's office will be moved to the front of the store near the main entrances. The firm figures that after all the changes are completed it will be in a better position than ever to handle the spring trade.

SPRINGFIELD, ILL.—On seed and plant awards by the state board of administration H. W. Buckbee, of Rockford, received the largest number, totaling over $2,500.

ATLANTA, GA.—H. G. Hastings & Co. report that orders for the first week in February fell behind last year, but for the second and third weeks they were 50 per cent ahead of last year. All orders received during the day are filled by 5 p. m. the next day. Three specially designed cases make it possible to fill 1,600 orders at each case daily. They are using a box for mail orders designed by W. W. Freeborn, of the mail order department, which saves them 50 per cent on work of setting up. This department presented a very busy appearance.

The Late Samuel Y. Haines.
See Obituary.

BIRMINGHAM, ALA.—According to the McVay Seed & Floral Co., the 1915 season, while late on account of a hard winter and continued wet weather, is now showing activity greater than the corresponding period of 1914. The improvement in demand is notable in the more staple items, such as potatoes, onions, corn, etc. Garden seed business also shows a decided improvement over last year, attributed to the planting of many small plots to offset the high cost of food stuffs. One of the best and most profitable seasons ever experienced by the trade in the south is looked for.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

PW

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Mention the American Florist when writing.

Seed Potatoes Scarce in the South.

A seed potato famine is imminent and local dealers are scrambling for supplies for their customers. The Maine stock of Triumphs is nearing exhaustion, and Houston dealers are sweeping the middle west with telegrams in quest of potatoes for planting. The heavy demand by farmers in all portions of the south has depleted the large stocks in the growing centers and there is still a large unfilled demand for supplies.—Houston (Tex.) Chronicle, February 19.

Fumigating Imported Seed by New Method

A satisfactory method for destroying injurious insects in imported seed without affecting the value of the seed has been used by the United States department of agriculture, and is described in a new bulletin (No. 186) entitled, "A Method of Fumigating Seed." Interested individuals who apply to the department at Washington, D. C., will be sent the bulletin.

In the new method, the infested seed is placed in a chamber in which a partial vacuum has been created. The chamber is then filled with a very deadly gas (hydro-cyanic acid) which penetrates more effectively into the seed, because of the previously created vacuum. It has been found that a considerably shorter exposure was necessary in using this method of fumigation than in the usual method. The bulletin describes the experiment completely, giving details and illustrations of the chamber used in the experiment. Hydro-cyanic acid is, of course, a most dangerous poison and should not be handled by any except those who are thoroughly familiar with it. Another gas, carbon bisulphid, is to be used by the department in a similiar experiment, the results of which will be announced later.

NEW HAVEN, CONN.—The Frank S. Platt Co. thinks it safe to predict a record season. Although the year opened slowly, lacking in the usual pressure for early shipments of wholesale contracts, a steady and increasing demand, however, indicates the awakening of a strong, healthy business. The demand for goods on long time, however, exceeds greatly that of recent years.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's
SEEDS AND BULBS

ASK for a copy of our Bulb Catalog and special prices to florists.

Also ask us about our "below-the-market" specialties and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

KENTIA SEED
FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing.

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting ONION SETS.

Schilder Bros., CHILLICOTHE, OHIO.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

TOMATO SEED
Grown For The Wholesale Seed Trade.
Contract orders now being booked for delivery after harvest, 1915.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners.

Valley for Easter

CHICAGO MARKET BRAND
Best Valley in existence, giving the best results all year round.
$15.00 for 1000 $8.00 for 500
4.50 for 250 2.00 for 100

FLORIST MONEY MAKER BRAND
Best Valley at moderate prices.
$13.00 for 1000 $7.00 for 500
$4.00 for 250

H. N. BRUNS
3032 Madison St., CHICAGO.

LILIES FOR **Decoration Day**

PLANT NOW Our especially packed Cold Storage Lilies. Bloom in 11 to 12 weeks after planting.
Lil. Long. Giganteum Size, 7-9: per 100, $ 6.50; case of 300, $16.50. Size, 9-10: per 100, 10.50; case of 200, 20.00.
Cold Storage Valley Extra select, very best..100, $2 00; 1000, $15 00. Hamburg.....100, 1.50; 1000, 12.00.

Florists' List, comprising full lines of **Flower Seeds, Bulbs, Dormant Plants** and **Supplies**, free upon application.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO

LILY OF THE VALLEY PIPS
Extra fine qualities. New crop.
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BEANS, PEAS, RADISH
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Try us once and you will come again.

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Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

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Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons Seedsmen

ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

King Humbert Cannas

Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5.00 per 100; 4 in. plants, $8 00 per 100.

Satisfactory references or cash.

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CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing.

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Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

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George R. Pedrick & Son,

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L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

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We have some extra fine quality Holland-grown bulbs on hand at the following attractive prices:

	Per 1000
America, 2-inch and over	$ 8 00
" 1¾ to 2-inch	6 00
" 1¼ to 1¾-inch	4 00
Baron Hulot, 1½-inch and over	12 00
Halley, 1¾-inch and over	$14 00
Mrs. Fr. King, 1¼ to 1½-inch	8 50
" " 1¼-inch and over	10 00
Panama, 1 to 1¼-inch (good flowering bulbs)	12 00

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LECHNER BROS., Webster Groves, Mo.

Agents for The Growers Association, Anna Paulowna, Holland.

Seedsmen requiring the very best selections of

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can get them at lowest independent wholesale rates by sending their orders direct to

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Special quotations on application.

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Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

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Ask for prices now, 1915 crop.

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4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

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Lily of the Valley Pips

From Cold Storage.

2500 to case.....per 1000, $17.00
New crop, 1000 to case.....per 1000, 16.00

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FOR SALE.

1000 Augusta and 2000 America Gladiolus Bulbs, flowering size, healthy stock, $20 00.

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Care of H. Wehrmann,
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Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

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BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK. and Orange, Conn.

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LaFayette, - - Indiana

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., at $1.25 per 100.

Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.

Coleus, 10 varieties, April 1, 2½-in. pots, $2.00 per 100.

Alternantheras, red and yellow, April 1, $2.00 per 100.

Geraniums, S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Pansy Plant, Giant flowering, $2.50 per 1000.

Primula Obconica, $1.00 per 100 to close out.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

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Garden Seeds

We have **Beet, Carrot, Radish** and Spinach to offer by the ton in most varieties. Nearly all the **Beet, Radish** and **Carrot** is grown by **Vilmorin,** and can be supplied in sealed sacks in most varieties.

We also offer **Vilmorin's Paris Golden Yellow Celery,** crop 1914, in 14-lb. sealed bags, at $12.00 per pound.

200 bushels each of **Gradus, Thomas Laxton, Sutton's Excelsior** and **Ameer Peas,** at $4.00 per bushel. 100 bushels of **Alaska** at $3.50.

We carry a heavy stock of **Onion,** also other small **Garden Seeds,** and shall be pleased to quote prices on application.

I. N. SIMON & SON,

6 North Front St., PHILADELPHIA, PA.

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High Class **PALMS**

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SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

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DREER'S PEERLESS PINK ASTER

Dreer's Famous American Asters

We offer below a short list of the most important sorts; all of the very highest quality. For complete list, see our Wholesale Catalogue.

Dreer's Superb Late Branching Asters.

The finest Asters for late August and September blooming.

The plants form strong, branching bushes, 2 to 2½ feet high bearing on long strong stems their handsome chrysanthemum-like flowers, which, under ordinary cultivation, averages 5 inches across. The form of the flowers, together with the length of the stems, places them at the head of Asters for cutting. We offer eight beautiful and distinct colors, viz::

	Tr. pkt.	Oz.
Azure Blue. Rich lavender	$0 25	$1 00
Pure White. Extra fine stock	25	1 00
Shell Pink. An exquisite shade.	25	1 00
Rose Pink. A very desirable color.	25	1 00
Deep Rose. Rich and brilliant	25	1 00
Deep Purple. Royal deep purple	25	1 00
Lavender. A pale grayish-lavender	25	1 00
Crimson. Very rich.	25	1 00
Finest Mixed. All the colors	25	75

Dreer's "Peerless Pink" Aster.

This grand Aster may be briefly described as a glorified late branching shell-pink. The color is similar but more decided than the late branching. The center petals are prettily incurved, while the wide outer petals reflex, making a most artistic and finely finished flower, and stands cut longer than any other. 50c per trade pkt.; $2.50 per oz.

Queen of the Market Asters.

The standard early flowering variety; good flowers on long stems.

	Tr. pkt.	Oz.
White	$0 20	$0 75
Lavender	20	75
Pink	20	75
Bright Rose	20	75
Purple	20	75
Crimson	20	75
Mixed	15	65

King Asters.

The "King" Asters form a distinct class or type. They are of strong, sturdy habit, growing fully 18 inches high, and bear from August to October very large double blossoms, the petals of which are more or less quilled, forming very attractive flowers.

	Tr. pkt.	Oz.
Dreer's Crimson King. A brilliant new color in this type, which originated with us. It is the richest and deepest crimson variety known to us	$0 50	$3 00
Pink King. Delicate shell-pink	40	2 00
Rose King. A beautiful brilliant rose	40	2 00
White King. Of purest glistening white.	50	3 00

Astermums.

This strain of Giant Comet Asters were first exhibited at the Florists' Convention in 1912 and their immense size and chrysanthemum-like appearance created quite a sensation. They closely resemble Crego's Giant, but come into bloom fully two weeks earlier. We offer three colors:

	Tr. pkt.	Oz.
White Astermum	$0 50	$2 50
Pink "	50	2 50
Lavender "	50	3 00

Crego's Giant Comet Asters.

Magnificent fluffy flowers, with long strong stems, the finest of this type. Comes into bloom in August, continuing well into September, and unlike most of the Comet sorts, stands when cut and is a good flower to ship. We offer five colors, our own saving, of the highest quality.

	Tr. pkt.	Oz.
White. Purest white	$0 30	$1 50
Pink. Delicate shell-pink	30	1 50
Purple. Bright purple	30	1 50
Rose. Rich deep rose.	30	1 50
Lavender. A rich deep shade	30	1 50

HENRY A. DREER,

714-716 Chestnut St., Philadelphia, Pa.

Some Excellent Stock

Size of pots.	Per 100	1000
2½ in. **Asparagus Plumosus**	$3.00	$25.00
4 in. **Asparagus Plumosus**	7.50	70 00
2½ in. **Asparagus Sprengeri**	2.50	22.50
4 in. **Asparagus Sprengeri**	6.50	60.00
2¼ in. **Abutilons**, 8 varieties	3.00	25.(0
3½ in. **Begonia**, flowering in bloom	8.00	75.00
3½ in. **Cinerarias**, choice mixed	6.50	60.00
3 in. **Cyclamens**, ass't varieties	8.50	80.00
2¼ in. **Fuchsias**, 15 choice varieties	3.00	25.00
2¼ in. **Heliotropes**. 3 varieties	3.00	25.00
2½ in. **Marguerites**, white and yellow	2.75	25.00
2½ in. **Marguerite** Mrs. Sanders	3.00	28.00
4 in. **Primula Obconica**, in bud and bloom	7.50	70.00
3 in. **Primula Obconica**, in bud and bloom	4.00	38.00
3½ in. **Vinca Variegata**	6.50	6(.00

5 and 6 in. **Dracaena Indivisa**, 20c and 25c each.

Geraniums, 2 and 2¼ in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, etc., $2.50 per 100; $20.00 per 1000.

Also abundance of other stock, including 30 varieties of **Canna Bulbs**. Correspondence solicited

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

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This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

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Chilwell Nurseries, LOWDHAM, Notts, England

500,000 'Mum Cuttings

Some ready now. Chadwick Improved, $3 00 per 100: $25 00 per 10(0. W. H and Golden Chadwick, Chrysolora, Major Bonnation Yellow Eaton, Chas Razer, Lynwood Hall and Dr. Enguehard, $2.00 per 100: $15 00 per 1000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 00 per 1000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100 250 at 1000 rate.
Orders booked now for future delivery.
Ask for prices on large amounts.

Morris Floral Co., Morris, Ill.

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000. Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1 00. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.(0 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings. Home of Pansies,
OLEAN, N. Y.

BERLIN, WIS.—The Schissler greenhouse, which has for some time been under the management of George Schissler, who has done much in bettering the facilities of the concern in caring for local and outside trade, will be joined by Harry Schissler, who has completed a three years' training and apprenticeship with a large greenhouse at Oshkosh.

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white each, ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant — Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink. Lavender and White. Trade pkt 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers very popular with florists. Trade pkt. 25c., ¼ oz, 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1 00. Single large flowered fringed, trade pkt. 50c. Giants of California, trade pkt. $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c Single striped and blotched, ¼ oz 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens, Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)- Blue and Purple Shades, ¼ oz. 35c, oz $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c.

The Storrs & Harrison Co.
Painesville, Ohio.

ROOTED ROSE CUTTINGS

Pink Killarney, White Killarney, Richmond ... $ 2.00 per 100; 18.00 per 1000

BENCH ROSE PLANTS

American Beauty, Pink Killarney, Richmond ... $ 6.00 per 100; 50.00 per 1000

Extra fine stock ready now. Satisfaction Guaranteed.

George Reinberg
162 North Wabash Ave., - - CHICAGO, ILL.

VAUGHAN'S FLOWER SEEDS

"THE BEST IN AMERICA"

WHILE it cannot be denied that Flower Seeds from Europe have arrived much later than usual this season, we have, thanks to our connections with the best of the growers abroad, received (and have now in stock), ample supplies of nearly all the leading Flower Seed varieties and can and do fill all orders promptly.

Furthermore, we have on hand and in transit, limited stocks of such short items as **Tall Morning Glory, Four O'clock, Ricinus Zanzibarensis, Vincas and Thunbergias,** which we supply to customers favoring us with their general Flower Seed orders as long as stocks last.

CHICAGO **Vaughan's Seed Store** NEW YORK

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

We Offer For Immediate Delivery

Good, strong, well-established plants in 2¼-inch pots of the exceedingly

Valuable New Roses

Ophelia, Francis Scott Key, and Prince E. C. D'Arenberg.

Growers will find all of these valuable additions to the list of standard varieties. They have been tested thoroughly, and have been found to have exceptional value.

OPHELIA. No fancy rose ever introduced possesses so many excellent qualities. It is a splendid grower, a very free bloomer, and has fine stems. It sells on sight. The demand undoubtedly will exceed the supply. Anticipating the large demand, we have propagated it extensively. Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

FRANCIS SCOTT KEY. This variety, raised by Mr. John Cook, is very distinct, being entirely different from any of the indoor roses grown today. Flowers are rosy red, and are unusually large and double, resembling very much a very full, double hardy garden rose. Coupled with its large size and double form, it is an exceedingly free bloomer. It promises to be exceedingly valuable, especially for spring, summer, and fall flowering, when other less double roses are difficult to handle. Its keeping qualities are remarkable.

Strong plants on own roots, 2¼-in. pots, now ready, $15.00 per 100; $120.00 per 1000.

PRINCE E. C. D'ARENBERG. This variety might well have been termed Red Killarney, as it possesses so many of the good qualities of the Killarneys. In color, the flowers are similar to Richmond, but they are much more double, and it should prove a very much more profitable rose. Flowers have fine straight stems on all the grades—from the shortest to the longest. It has fine foliage, comes away quickly, and is even a freer bloomer than the Killarneys. We believe it is the best all-round red rose that we have today.

Strong plants on own roots, 2¼-in. pots, now ready, $12.00 per 100; $90.00 per 1000.

We will be glad to quote on application prices on all the newer and standard varieties—strong grafted plants ready in March.

F. R. PIERSON, Tarrytown, New York

If you are short of Blooming Plants, such as

Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,

Wire your order to

GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	$1 00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

OSAGE, IA.—Walter S. Hall, long in the florist business here, has sold his establishment to P. B. Sargeant, who will continue on the same lines. The change in ownership took place March 1.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

THE University of Florida agricultural experiment station, Gainesville, has issued Bulletin No. 125, December, 1914, under the title of "Tomato Insects, Etc.," which describes the history and control of the tomato fruit worm and other serious pests.

Prices of Indoor Fruits and Vegetables.

Chicago, March 2.—Mushrooms, 40 cents per pound; lettuce 22½ cents per box; radishes, 25 cents to 50 cents per dozen bunches; asparagus, $2.00 per dozen bunches; celery, 12 stalks, 15 cents to 25 cents; cucumbers, $1.25 to $1.50 per dozen.

New York, March 2.—Cucumbers, $1.25 to $2.00 per dozen; mushrooms, 50 cents to $1.25 per 4-pound basket; tomatoes, 15 cents to 35 cents per pound; radishes, per 100 bunches, $1.50 to $2.50; lettuce, per strap, $1.00 to $2.00.

Transplanting Seedlings.

In the month of March one of the most important operations is the proper transplanting of seedlings; the principles involved are the same whether vegetable or flowering plants. In our long experience we have found this one of the most difficult and unsatisfactory jobs when transferred to hired help. The general complaint is that the work is "tedious." Tedious is another term for lack of interest. Transplanting small plants is no more tedious than operating a typewriter, or setting type, or a hundred other commercial operations. The trouble is that our present generation is not in tune with anything agricultural.

We find that the best headway can be made by finding a good operator, and immediately give him a smart boy as a helper. This boy can rapidly lay out the seedlings, thus reducing the good man's troubles. Wherever possible, markers should be employed, with pointed pegs to punch the holes—thus, insuring uniform spacings, uniform size and depth of holes, and great speed. After these holes are all ready we run over the bench with a fine sprinkler and dampen the ground lightly, and if the day is sunny, cover at once with newspapers or cheese cloth. As the work proceeds, the covering is put on the newly set out plants, which is a big help to them. The work should not be allowed to proceed far before watering the young plants and here is where we prefer the old despised water can to the hose as a "first aid to the injured." We hold the proper method is to fill up the little depressions around the plants with water, thus causing the ground to settle and tighten the roots. What we need is a close contact and no air spaces. Our seedlings are always in rows, hence it is easy to cut them out with a knife. We are very careful to cut under them at an even depth. We prefer a short root, straight in the hole, to a long one, doubled up. We put great stress on the proper grading of the seedlings,—if we have plenty of them, we discard everything that does not come up to a rigid standard of excellence; if we must economize, we save the smaller ones, and plant them by themselves. Uniformity is absolutely necessary in plant production. A common mistake made is the pinching of the earth around the neck of a plant; what is wanted is the firming around the root—hence the old advice: Go for the roots, boys. MARKETMAN.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark **American Spawn Co., St. Paul, Minn.**

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

WAR DOES NOT STOP the European nations from planting **Bolgiano's World Famous Tomato**

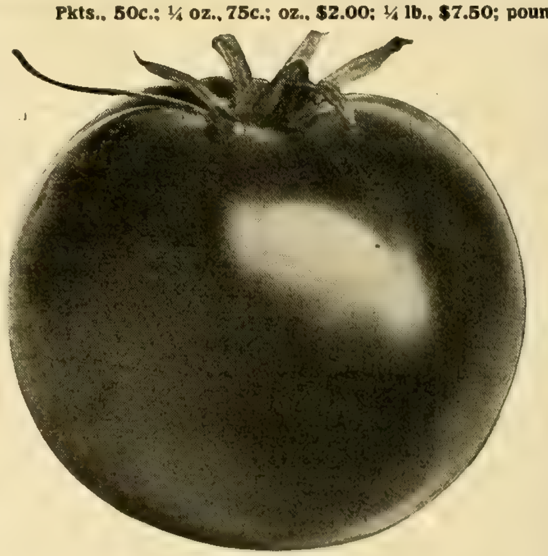
"JOHN BAER"

Every day we are receiving numerous orders for this wonderful tomato from the war zones. Progressive, prosperous florists, nurserymen, horticulturists, farmers, market gardeners and home gardeners in both Europe and the Americas are recognizing the great value of

THE EARLIEST AND BEST TOMATO ON EARTH

Produces Perfect, Solid, High Crown, Beautiful, Brilliant Deep Red Shipping Tomatoes in 30 Days from Large Strong Well Matured Plants, in Veneer Bands with Roots Undisturbed.

Pkts., 50c.; ¼ oz., 75c.; oz., $2.00; ¼ lb., $7.50; pound, $25.00. ⅓ off to the Trade.



"JOHN BAER" TOMATO
The Earliest and Best Tomato on Earth

1st—"John Baer" Tomato produces large, beautiful, solid shipping Tomatoes in 30 days from large, strong, well matured plants grown in Veneer or Paper bands, with roots undisturbed.

2nd—"John Baer" Tomato produces the most perfect High Crown Tomatoes ever grown, entirely free from core.

3rd—"John Baer" Tomato produces an enormous crop of Tomatoes, 50 to 100 fruit to each plant.

4th—Every "John Baer" Tomato ripens evenly, right up to the stem.

5th—No cripples, no scalds, no blight, no cracked, no wrinkled, no one-sided, uneven, scarred fruit. When dead ripe "John Baer" Tomato will not burst.

6th—"John Baer" Tomato has a wonderful glistening brilliant, bright red color.

7th—"John Baer" Tomato has a mild deliciously sweet flavor. The finest flavor you have ever tasted.

8th—"John Baer" Tomato is almost seedless; it requires 6 to 8 bushels of "John Baer" Tomatoes to make one pound of seed. A marvelous Stem Setter, often ten fruit in first cluster, solid and meaty.

9th—"John Baer" Tomato has just enough foliage—will stand plenty of manuring without going to vine. Set plants 3x3¼ feet.

10th—"John Baer" Tomato is the most perfect shipping Tomato ever grown—24 fruit exactly fill a six carrier basket.

11th—Each beautiful "John Baer" Tomato weighs 6½ ounces.

12th—"John Baer" Tomato seed was saved only by John Baer, the originator, who personally selected and picked every Tomato from which he saved this seed, selecting only the most beautiful, perfect fruit of the Early Stem Set Clusters.

13th—"John Baer" Tomato is the offspring of two marvelous Tomatoes—One Great Specialist having devoted 10 years in selecting and improving one parent and Another Expert devoted five years in selecting and improving the other parent. The "John Baer" Tomato is therefore the result of Fifteen Generations of Improvement and Selection for earliness, quality, shape, fruit, color and shipping quality.

14th—As a Packing Tomato "John Baer" is a miracle; they all pack Fancy, no seconds and all pack whole. Peelers can prepare three bushels "John Baer" Tomatoes to one bushel of any other Tomato. Being such a tremendous yielder a bushel of "John Baer" Tomato can be gathered in one-third the time of any other Tomato. A large Baltimore Tomato Packer had all the "John Baer" Tomatoes he could secure packed separately, running them through a special process for his fanciest trade and his own private use.

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Almost 100 Years Selling Trustworthy Seeds

GROWERS OF PEDIGREED TOMATO SEED

BALTIMORE, MD., U. S. A.

ONION SETS

32 pounds to the bushel.
Crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our Onion Sets.

Yellow Danvers Sets

For shipment up to the following dates.

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70

White Silver Skin Sets

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.55	$1.60
March 15th	.35	.55	1.70
April 1st	.40	.60	1.80

Red Wethersfield Sets

	Price, ½ pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70

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A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.
GEO. M. EMMANS, Newton, N. J.

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SPRING BULBS

Dwarf Pearl Tuberose.

GLADIOLUS

	Per 1000
MRS. FRANCIS KING, extra	$12.50
MRS. FRANCIS KING, 1sts (3000 for $25.00.)	9.00
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HYDE PARK	60.00
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FLORISTS' MIXTURE, Light	15.00

Of several leading kinds we can supply planting stock, white bulbs under one inch and small black bulblets by the bushel.

Ask for Complete List.

BEGONIAS

(Tuberous Rooted Giant Flowering Varieties)

Singles, in colors, white, scarlet, yellow, pink.
Doz., 40c; 100, $2.50; 1000, $20.00.

Singles, Mixed Colors.
Doz., 35c; 100, $2.00; 1000, $18 00.

Doubles, white, scarlet. yellow, pink,
Doz., 50c; 100, $3.50; 1000, $30.00.

Doubles, Mixed Colors.
Doz., 50c; 100, $3.00; 1000, $28.00.

LILY BULBS

	Per 100
Auratum, 9-11 inch..	10.00
Rubrum, 8-9 inch..	6.00

TUBEROSES

TRUE DWARF PEARL.

	Per 1000
First Size, 4-6 inch	$ 8.50
Medium Size, 3-4 inch	5.00
Mammoth, 6-8 inch	15.00

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ESCULENTUM.

	Per 100	Per 1000
5 to 7 inch	$1.75	$15.00
7 to 9 inch	3.50	30.00
9 to 11 inch	5.50	55.00

LILIES

COLD STORAGE

Lil. Giganteum	Per Case
7-9 inch (300 bulbs to case)	$16.00
8-10 inch (225 bulbs to case)	16.00
9-10 inch (200 bulbs to case)	20.00

Lilium Rubrum

	Per Case
8-9 inch (170 bulbs to case)	$10.00

Caladium Esculentum.

Write for Our Spring "Book for Florists"

Vaughan's Seed Store,

CHICAGO **NEW YORK**

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President; E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

MADISON, WIS.—Ira M. J. Chryst has been appointed superintendent of horticulture for the 1915 state fair, which will be held September 13-17.

RHINEBECK, N. Y. — Vincent Astor has ordered 2,100 apple trees from a Maryland nursery as a starter in his plan to have the largest orchard in the state.

HANFORD, CALIF.—Over 40,000 trees of different varieties, the prune predominating, will be planted in Kings county this year, and several hundred acres of hitherto non-producing land will be made productive.

American Association of Nurserymen.

The fortieth annual convention of this association will be held in Detroit, Mich., June 23-25 next. In a week or two every member of the association and every legitimate nurseryman in the United States will receive the "announcement" of the event, which, in addition to containing much of the details of arrangement, programme of speakers and of entertainment, will make an urgent plea for prompt renewal of membership, as well as for responses from those who, whilst daily living in the enjoyment of the privileges and benefits secured for them by this association, have hitherto turned a deaf ear to our appeals for their co-operation.

That the Detroit meeting is going to be a success no one questions, but it will be a much greater success in point of numbers and influence if every nurseryman who ought to belong responded to this invitation. A fee of $5 per year is exceedingly small compared with the benefits afforded by a membership.

It is the expectation that a special railroad car will be chartered to convey the nurserymen of Rochester, N. Y., and the immediate vicinity. Those interested should write E. S. Osborne of Charlton Nursery Company. Final particulars regarding special rates and special car parties will be contained in the "Announcement." In the meantime John Hall, secretary, 204 Granite building, Rochester, N. Y., will gladly respond to requests for further information concerning membership, etc.

Nursery Stock Interstate Reshipments.

A number of notices of shipments of imported nursery stock returned by state inspectors bear a notation to the effect that the stock was reshipped to some other state prior to inspection and that the state inspector concerned was so notified, such notice apparently being given by the inspector who called to examine the goods. While the United States department of agriculture wishes always to be advised of such reshipments on the reports returned to us by state inspectors, it is requested that inspectors inform the persons making such reshipments that it is their duty, under the law, to notify prior to such shipments both this department and the state inspector of the state to which the goods are forwarded, and that failure on their part to give either of said notices makes them liable to prosecution under the plant quarantine act. The notification by the state inspector on his return report to this department does not meet this legal requirement. This subject is fully covered in the following paragraph quoted from regulation 8 of the "Rules and Regulations under the Plant Quarantine Act: General, Including Nursery Stock:"

Should a consignee named in such a notice (importer or broker's report to the department of agriculture and to the state inspector) ship or deliver for shipment to any other state, territory or district such nursery stock before it has been inspected by a duly authorized state, territorial or district inspector or officer, he shall prior to such shipment give like notice to the secretary of agriculture and to the duly authorized inspector or other officer of the state, territory, or district to which the nursery stock is to be reshipped.

C. L. MARLATT,
Chairman of Board.

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Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
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ROCHESTER, N. Y., U. S. A.
Home of 4 Color Process Printing "Nearest to Nature"

TREE SEEDS

	Lb.	10 lbs.		Lb.	10 lbs.
Concolor Fir	$1 00	$ 7.50	Scotch Pine	$2.50	$20.00
Douglas Fir	2.75	25.00	Am. Arbor Vitae	2.75	25.00
Hemlock	4.00	37.50	European Larch	1.75	15.00
Engleman Spruce	3.50	30.00	American Red Oak...(bu. $2.00)	.25	1.00
Colo. Blue Spruce	3 75	35.00	Hard Maple	.75	6 50
Silver Cedar	.50	3.50	Wild Black Cherry	.25	1 50
Jack Pine	3 50	30.00	Catalpa Speciosa	1.00	7.50
Ponderosa Pine	1.75	15.00	Syringa Vulgaris	.75	6.50
Pitch Pine	3.00	25 00	Rhus Glabra	.50	4.00
White Pine	2 50	20.00	Cornus Paniculata	.75	6.50

Will supply ½ lb. at lb. rates; 5 lbs. at 10 lb. rates; ½ bu. at bu. rates. Our seeds give satisfaction. Before offered to the trade they are fully tested for germination and purity. Order at once while supplies are available.
THE D. HILL COMPANY, Seed Dept., Box 404, **Dundee, Ill.**

Headquarters For
California Privet
AND OTHER HEDGE PLANTS
CALIFORNIA PRIVET. Two years, 2 to 3 feet; 3 to 4 feet. Three years, 3 to 4 feet; 4 to 5 feet.
All well branched, bright and clean. The two and three year grades have been cut back one or more times. Very attractive prices for car lots for prompt acceptance.
AMOOR RIVER PRIVET. One year, extra fine, 12 to 18 inches. Two years, 1½ to 2 feet; 2 to 3 feet.
BERBERIS THUNBERGII. Transplanted, stocky plants, 9 to 12 inches; 12 to 18 inches.
J. T. LOVETT, Little Silver, N. J.

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739 BUCKINGHAM PLACE, CHICAGO

SPECIAL WHOLESALE PRICE LIST of DECORATIVE PLANTS, Etc.

WINTER AND SPRING, 1915.

FERNS

Adiantum Cuneatum, 3-in., at $1.00 per doz.; $8.00 per 100.
Asplenium Nidus Avis, the Bird's Nest Fern, 4 in., at $6.00 per doz.
Asplenium Nidus Avis, the Bird's Nest Fern, 5-in., at $12.00 per doz.
Asplenium Nidus, larger specimens, at $2.50 and $3.00 each.
Assorted Ferns for dishes, at $3.00 per 100.

BOSTON FERNS

2-in., 50c per doz.; $4.00 per 100.
3-in., $1.00 per doz.; $7.00 per 100.
4-in., $1.50 per doz.; $12.00 per 100.
5-in., $3.00 per doz.; $25.00 per 100.
6-in., $6.00 per doz.; $50.00 per 100.
7-in., at 75c each; $9.00 per doz.
8-in., at $1.00 each; $12.00 per doz.
9-in., at $1.50 each; $18.00 per doz.
Larger specimens, at $2.00, $2.50 and up each.
Boston Ferns, hanging baskets, at $1.00 each.
Boston Ferns, hanging baskets, at $3.00 and $4.00 each.
Boston Ferns, extra large hanging baskets, at $3.00 and $4.00 each.
Cyrtomium Falcatum, 2-in., at $3.00 per 100; $25.00 per 1,000.
Cyrtomium Falcatum, 3-in., at 50c per doz.; $6.00 per 100.
Cyrtomium Falcatum, 4-in., at $1.50 per doz.; $12.00 per 100.
Cyrtomium Falcatum, 5-in., at $2.50 per doz.
Cyrtomium Falcatum, 6-in., at 35c each; $4.00 per doz.
Whitmani Ferns, 2-in., at $4.00 per 100.
Whitmani Ferns, 3-in., at $1.00 per doz.; $8.00 per 100.
Whitmani Ferns, 4-in., at $2.00 per doz.; $15.00 per 100.
Whitmani Ferns, 5-in., at $3.00 per doz.
Whitmani Ferns, 5-in., made up, at $3.00 per doz.
Whitmani Ferns, 6-in., at $6.00 per doz.

PALMS

Areca Lutescens:
2-in., at $1.20 per doz.; $9.00 per 100.
3-in., at $2.00 per doz.
4-in., at $3.00 per doz.
6-in., 18 to 24 in. high, at 75c; $9.00 per doz.
Cocos Weddelliana:
3-in., at $2.50 per doz.
2-in., at $1.75 per doz.; $14.00 per 100.

KENTIA BELMOREANA

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	12-14-in.		4.50	35.00
5-in.,	5-6	15-18-in.		6.00	50.00
7-in.,	6-7	30-32-in.	$ 2.50		
8-in.,	6-7	48-in.	7.00		
8-in. tubs,	6-7	60-in.	10.00		
9-in. tubs,	7-8	72-in.	13.00		

KENTIA FORSTERIANA

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	14-16-in.		4.50	35.00
5-in.,	5-6	16-18-in.	$ 0.50	6.00	
5-in., extra strong,			.75	9.00	
6-in.,	5-6	18-24-in.	1.00		
7-in.,	6-7	36-40-in.	2.25 to $2.50		
7-in.,	6-7	44-48-in.	4.00		
8-in.,	6-7	60-64-in.	8.50		
8-in.,	6-7	64-68-in.	9.00		
9-in.,	6-7	72-in.	11.00		
9-in.,	7-8	80-84-in.	12.00		
9-in.,	7-8	84-88-in.	15.00		

KENTIA, MADE UP

Belmoreana, 5-in., 3-4 in a pot, at 50c and 75c each.
Forsteriana:
7-in., 24-30-in. high, at $2.00 and $2.50 each.
8-in. tubs, 36-in. high, at $4.00 each.
9-in. tubs, 40-in. high, at $5.00 each.
9-in. tubs, 48-in. high, at $7.50 each.
9-in. tubs, 52-56-in. high, at $9.00 each.
9-in. tubs, 66-70-in. high, at $12.00 each.
9-in. tubs, 72-80-in. high, at $15.00 each.
6-in., 3-4 in a pot, 20-24 in. high, at $1.25; $15.00 per doz.
6-in., 3-4 in a pot, stronger, at $1.50; $18.00 per doz.
7-in., 3-4 in a pot, at $2.50 each.
Latania Borbonica:
2-in., at $5.00 per 100.
3-in., at $10.00 per 100.
4-in., made up, at 25c; $3.00 per doz.
Phoenix Canariensis:
7-in., 24 in. high, at $1.50.
8-in., 30 in. high, at $2.50.
9-in., 48-50 in. high, at $6.00-$7.00.
9-in., 60-64 in. high, at $12.00.
Extra large, 7 feet and more, at $40.00.

PHOENIX RECLINATA

Fine 3-in. stock, at $1.25 per doz.; $10.00 per 100.
Fine 4-in. stock, at $3.00 per doz.; $24.00 per 100.

ASPARAGUS

Asparagus Plumosus, 2-in., at $3.00 per 100.
Asparagus Plumosus, 3-in., at $6.00 per 100.
Asparagus Plumosus, 4-in., at $1.50 per doz.; $12.00 per 100.
Asparagus Sprengeri, 2-in., at $2.50 per 100.
Asparagus Sprengeri, 3-in., at $5.00 per 100.
Asparagus Sprengeri, 4-in., at $1.25 per doz.; $10.00 per 100.

BAY TREES

Standards: Stem	Crown	Price per pair
2 ft.	20-22-in.	$10.00
2 ft.	24-in.	12.00
2 ft. 6 in.	2 ft.	12.00
3 ft.	2 ft.	12.00
4 ft.	2 ft. 3 in.	16.00
4 ft.	2 ft. 6 in.	20.00
2 ft. 5 in.	2 ft. 6 in.	20.00
4 ft.	3 ft.	25.00
4 ft.	3 ft. to 3 ft. 6 in.	30.00

BOXWOOD

Bushes, 10-in., at 25c; $3.00 per doz.
Bushes, 12-in., at 30c; $3.60 per doz.
Bushes, 12-in., extra heavy, 10 in. wide, at 40c; $4.80 per doz.
Bushes, 15-in., at 50c; $6.00 per doz.
Bushes, 18-in., at $1.00.
Bushes, 24-in., at $1.25.
Pyramids, 30-in., at $2.00.
Pyramids, 36-in., at $3.00.
Pyramids, 3½-ft., at $3.50.
Pyramids, 4-ft., at $4.00.
Standards, 2-ft. stem, 12-15-in. crown, $2.00.

MISCELLANEOUS PLANTS

Araucaria Excelsa:
4-in., at 50c; $6.00 per doz.
Araucaria Excelsa Compacta:
5-in., at $1.25 each.
6-in., at $1.50 each.
Araucaria Excelsa Glauca:
5-in., at $1.25 each.
Dracaena Fragrans:
3-in., at $1.80 per doz.
4-in., at $3.00 per doz.
5-in., at $6.00 per doz.
Dracaena Hybrida Lord Wolseley, fine plants, 4-in., at 50c.

DRACAENA INDIVISA

2-in., at $3.00 per 100.
3-in., at 75c per doz.; $5.00 per 100.
4-in., at $1.25 per doz.; $10.00 per 100.00.
5-in., at $3.00 per doz.; $24.00 per 100.
7-in., at 50c and 75c each; 7-in., extra fine plants, at $1.00 each.
Dracaena Lindenii, 4-in., at $6.00 per doz.
Dracaena Massangeana, 3-in., at $2.50 per doz.
Dracaena Massangeana, 4-in., at $5.00 per doz.
Dracaena Massangeana, 5-in., at $7.00 per doz.
Dracaena Terminalis, fine plants, 5-in., at 75c.

FICUS ELASTICA

We have a fine stock of these popular house plants.
4-in., at $3.00 per doz.; $24.00 per 100.
5-in., at $4.20 per doz.; $34.00 per 100.
6-in., at $6.00 per doz.
Ficus Pandurata, 4-in., at 50c each.
Ficus Pandurata, 5-in., at 75c each.
Ficus Pandurata, 6-in., at $2.50 each.
Hydrangeas, Otaksa, 5-in., 3-4 leads, $3.00 per doz.
Hydrangeas, Otaksa, 9 and 10-in., extra strong, at 75c and $1.00 each.
Hydrangeas, French varieties, pink, white and blue mixed.
Hydrangeas, 5-in., at $2.40 per doz.

IVY, ENGLISH

2-in., at $2.50 per 100; $24.00 per 1,000.
4-in., bushy plants, with long vines, at $10.00 and $12.00 per 100.
Laurocerasus Schipkaensis, evergreen ornamental shrubs, at 75c each.
Pandanus Veitchii, 3-in., at $3.50 per doz.
Pandanus Veitchii, 4-in., at $6.00 per doz.
Pandanus Veitchii, 5-in., at $9.00 per doz.
Petunias, double assorted or in separate colors, pure white and violet, at $3.00 per 100.
Primula Obconica, 5-in., at $1.00 per doz.; $8.00 per 100.
Snapdragons, Silver Pink, 4-in., at $2.00 per doz.; $15.00 per 100.
Tradescantia Zebrina, 2-in., at $2.00 per 100.
Tradescantia Zebrina, 3-in., at $6.00 per 100.
Tradescantia Zebrina, 4-in., at $8.00 per 100.
Tradescantia Albo-striata, white striped, 2-in., at $4.00 per 100.
Tradescantia Albo-striata, white striped, 4-in., at $1.00 per doz.; $8.00 per 100.
Verbenas, assorted, 2-in., at $3.00 per 100.
Vincas, variegated, 2-in., at $3.00 per 100.
Vincas, variegated, 3-in., at $6.00 per 100.
Vincas, variegated, 4-in., bushy, with long vines, at $10.00 per 100.

BEDDING PLANTS

Alternanthera Brilliantissima, strong, benched plants, at $7.00 per 1,000.
Alternanthera Aurea Nana, strong, benched plants, at $7.00 per 1,000.
Coleus Golden Bedder, 2-in., at $2.50 per 100.
Coleus Verschaffeltii, 2-in., at $2.50 per 100.
Coleus, Red and Yellow Pfister, at $2.50 per 100.
Coleus Brilliancy, 2-in., at $3.50 per 100.
Geraniums, Mme. Salleroi, 2-in., at $2.50 per 100.
Geraniums, Mme. Salleroi, 3-in., at $5.00 per 100.

CANNAS—Divided Clumps

Chas. Henderson, at $2.50 per 100; $20.00 per 1,000.
Pennsylvania, at $2.00 per 100.
Venus, at $2.00 per 100.
Florence Vaughan, at $2.00 per 100.
Anthony Crozy, at $2.50 per 100.
Tritoma Pfitzeri, at $3.00 per 100.

BULBS AND RHIZOMES

CANNAS. See Bedding Plants.

GLADIOLUS.

Mrs. Francis King, 1st size, at $2.00 per 100; $18.00 per 1,000.
Mrs. Francis King, 2nd size, at $1.30 per 100; $12.00 per 1.000.
Mrs. Francis King, 3rd size, at $1.00 per 100; $8.00 per 1,000.
America, 1st size, at $2.25 per 100; $20.00 per 1,000.
Brenchleyensis, 1st size, at $2.00 per 100; $18.00 per 1,000.
Best mixture, 1st size, at $1.30 per 100; $12.00 per 1,000.
Ismene Calathina, at $4.00 per 100.

PEONIES

For Spring or Fall delivery.
Faust:
Assorted pink, white and red.
Strong, undivided clumps, at 30c and 35c each.
Divided roots, with 2-3 eyes, at 10c each.
Spiraea Gladstone, strong clumps, at $1.50 per doz.
Spiraea Peach Blossom, at $2.00 per doz.
Tritoma Pfitzeri, see Bedding Plants.

HARDY VINES

Boston Ivy (Ampelopsis Veitchii), pot-grown, 4-in., $1.50 per doz.
Aristolochia Sipho (Dutchman's Pipe), big clumps with 5 to 6 vines, at 40c each.
Clematis Jackmani, strong plants, in 6-in. pots, at 35c each.
Lonicera, trumpet vine, or honeysuckle, white, red and yellow, at 50c each.

Cannas, New Roses, Ferns, Etc.

NEW CANNA FIREBIRD, The best red-flowered, green leaved canna, Doz., $6.50; 100, $50.00

	Per 100	Per 1000
Allemania	$2 50	$20 00
Buttercup	5 00	40 00
Chas. Henderson	2 50	20 00
Comte de Sachs	2 50	20 00
David Harum	3 50	30 00
Egandale	3 50	30 00
Florence Vaughan	3 50	30 00
Frederick Benary	$3 50	$30 00
Hungaria, $2 dozen	18 00	
King Humbert	4 00	35 00
Long Branch	5 00	45 00
Louisiana	2 50	20 00
Mad. Crozy	3 00	25 00
Milwaukee	3 50	30 00
Mrs. A. Conard	$12 00	$100 00
Mrs. Carl Kelsey	3 50	30 00
New Chicago	10 00	90 00
Queen Charlotte	3 50	30 00
Souv. de A. Crozy	3 50	30 00
Venus	3 50	30 00
Wyoming	3 00	25 00

ROSE PLANTS, Grafted and Own Root.

THE UP-TO-DATE AND POPULAR VARIETIES.

	2½ inch pots O. R. Per 100	2½ inch pots Grafted Per 100
Geo. Elgar, New Yellow Cecile Brunner	$15 00	$25 00
Hoosier Beauty, The New Red Rose		35 00
Mrs. F. F. Thompson, Shell Pink Sport of Shawyer	30 00	35 00
New White Shawyer	30 00	35 00
	Per 1000	Per 1000
Mrs. Chas. Russell		$130 00
Mrs. Geo. Shawyer	$65 00	110 00

	2½ inch pots O. R. Per 100	2½ inch pots Grafted Per 1000
Killarney Brilliant	$ 60 00	$110 00
Sunburst	65 00	100 00
Francis Scott Key	100 00	100 00
Ophelia	100 00	130 00
Hadley	80 00	120 00
Prince E. C. de Arenberg	65 00	120 00
Milady	65 00	120 00

For 3½ inch plants wanted at planting time write for special quotations.

Choice Ferns.

	Doz.	Per 100	Per 1000
Assorted Ferns for Dishes— A choice assortment, our selection of varieties, 2¼-inch	$0 50	$ 3 00	$ 25 00

Boston Ferns—	Each	Doz.	Per 100
3-inch pots	$0 15	$ 1 25	$ 8 00
4-inch pots	25	2 50	20 00
5-inch pots	40	4 50	35 00
6-inch pots	75	8 00	60 00
7-inch pots	1 00	10 00	75 00
8-inch pots	1 25	14 00	100 00

Carnation Cuttings.

FOR IMMEDIATE DELIVERY.

	Per 100	Per 1000
Alice	$12 00	$100 00
Champion	6 00	50 00
Enchantress	3 00	25 00
Gloriosa	3 00	25 00
Good Cheer	12 00	100 00
Herald	3 50	30 00
Matchless	6 00	50 00
Pink Sensation	12 00	100 00
Philadelphia	3 00	25 00
Rosette	3 00	25 00
White Enchantress	3 00	25 00
White Wonder	3 00	25 00

Chicago **VAUGHAN'S SEED STORE** New York

Greenhouses: Western Springs, Ill.

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Mention the American Florist when writing.

Oklahoma City.

TRADE FAIR DESPITE BAD WEATHER.

Business continues fairly good right along, in spite of the fact of rainy weather, and wet Saturdays seem to be the rule now-adays, but almost everybody in this town has a telephone in the home, and that makes shopping more convenient. One florist here believes business is not at all seriously affected by stormy weather. Stock coming in from northern markets is showing splendid quality; especially, is there a marked improvement seen in all kinds of roses.

NOTES.

The quarterly meeting of the Oklahoma State Society of Florists was held in the Lee Huckins Hotel, March 1.

The seed business is beginning to show activity, as the planting of truck gardens is commencing. S. S. B.

SPIRIT LAKE, IA.—Judson M. Klein has completed a new greenhouse, 20x70 feet, which is being used for geraniums and other bedding plants. This makes him have about 10,000 square feet of glass. Mr. Klein says about four years ago he had one small building, 18x60 feet, and now has added this much more during the past three years. He says business is getting better each year.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.
Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Bougainvillea Glabra Sanderiana, 4-in. pots well trimmed, $15.00 per 100.
Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Geranium S. A. Nutt, 2¼ in. pot plant, $2.50 per 100, $25.00 per 1000.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Impatiens Sultana, Hybrids in all colors, $4.00 per 100.
Lantanas, distinct varieties, $4.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

Have Caught up and am Now Ten Days Ahead on Deliveries of

"ALICE" CARNATION CUTTINGS

Have over 50,000 in propagating benches and can make prompt shipments. **Don't miss** trying some of this **commercial** acquisition.

Prices to Trade only. Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

PETER FISHER, - Ellis, Mass.

Mention the American Florist when writing.

400,000 Rooted Carnation Cuttings

We have acquired the greenhouses of the Chicago Carnation Company at Joliet, including all plants and cuttings therein, which makes us the largest growers of Carnations, exclusively, in the United States.

We have ready for **immediate shipment** over 400,000 rooted carnation cuttings, first-class guaranteed stock.

If you are in the market for large quantities of cuttings write us and we can save you money.

For list of cuttings see classified ad.

AVIATOR

We have also acquired all rights to **Aviator,** the new scarlet seedling, which we will disseminate in the season 1915-1916.

Address all orders for cuttings to the

J. D. THOMPSON CARNATION CO., = Joliet, Ill.

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.
Prices low. Send for list.

Wood Brothers, FISHKILL New York

Mention the American Florist when writing.

SMILAX

Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.

Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

J. C. SCHMIDT. Bristol, Pa.

Mention the American Florist when writing.

GERANIUMS

March delivery, guaranteed to reach any point east of the Mississippi River in good growing condition. **Nutt,** $12.50 per 1000. **Ricard** and **Poitevine,** $15.00 per 1000.

Asparagus Plumosus, fine lot ready now at $2.50 per 100; $25.00 per 1000.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 383 pages. **PRICE, $1.50.**

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

Weiland & Risch
154 N. Wabash Ave., CHICAGO

Mention the American Florist when writing.

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

Mention the American Florist when writing.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. ceda· tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

Newport, R. I.

CLUB MEETING.

The speaker at the regular meeting of the Newport Horticultural Society, held February 23, was Robert Pyle, president of the Conard & Jones Co., West Grove, Pa., and also vice-president of the American Rose Society. He gave a very interesting lecture, his subject being, "Roses at Home and Abroad," and the talk was enhanced by views in natural colors of beautiful scenery. The lecturer opened by showing a view of rose hedges in Portland, Me., and then showed by way of comparison, the roses of California, equal to those grown in Massachusetts. His description of the gardens of France were of much interest and delighted his hearers. The garden of M. Graverеaux, a collector, has 11,000 roses catalogued, some dating from before the Christian era, and including a collection of 6,000 varieties from the British Isles. In preparation for rose shows the lecturer showed how, by putting a band of candle wicking around the rose, premature opening can be prevented. The wicking is to be removed in time to have the rose look its best when judged. Rose culture in the United States was also discussed and mention was made of the Hartford rose garden and the garden at Arlington Farms, Washington, D. C., the latter under supervision of the department of agriculture.

At the conclusion of the address, the chairman, Alexander McLellan, called upon several members to speak upon their personal experiences, and in response J. Urquhart, Richard Gardner, Hugh Williamson and James McLeish gave some valuable information regarding the best culture and treatment of the rose in this locality. After a few remarks by the chairman, a rising vote of thanks was given to Mr. Pyle.

NOTES.

The outlook for the coming season seems to be good. Many important rentals of cottages here have already been made. With no Europe to visit this year, it appears that San Francisco and Newport will both be benefited.

The American Sweet Pea Society will hold its exhibition at the Newport Casino, July 8-9.

J. J. B.

ROCK ISLAND, ILL.—H. H. Hensley has opened a flower shop in the Harper hotel.

TAMPA, FLA.—The annual meeting of the Florida State Horticultural Society will be held in this city April 14-16. The program is now being compiled.

250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000		Per 100	Per 1000
White Enchantress	$2.00	$17.50	**Herald** (extra fine red)	$3.00	$27.50
Pink Enchantress	2.00	17.50	**Josie Merle** (fine pink seedling)	3.00	27.50
Rose Pink Enchantress	2.00	17.50	**Philadelphia**	4.00	30.00
Mrs. Ward (dark pink)	2.00	17.50	**Washington**	3.00	25.00
White Perfection	2.00	17.50			

ROSES

BENCH PLANTS

	Per 100	Per 1000		Per 100	Per 1000
Killarney	$6.00	$50.00	**Maryland**	$6 00	$50.00
Richmond	6.00	50.00	**Ward**	6 00	50.00
Milady	6.00	50.00	**Shawyer**	6.00	50.00

ROOTED CUTTINGS

	Per 100	Per 1000		Per 100	Per 1000
Richmond	$2.50	$20.00	**White Killarney**	$3.00	$22.50
Pink Killarney	3.00	22.50	**Maryland**	3.00	22.50

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

Mention the American Florist when writing.

ROSES--Bench Plants

2000 **Beauties,** one year old ..... $50.00 per 1000
2000 **Milady,** grafted, one year old ..... 40.00 per 1000
2000 **Rhea Reid,** grafted, one year old ..... 40.00 per 1000

Bassett & Washburn, Hinsdale, Ill.

Mention the American Florist when writing.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternanthera Brilliantissimi and Aureau Nana, benched plants, $7 per 1,000. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Alternantheras, red and yellow, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

AMPELOPSIS.

25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

Ampelopsis Veitchii, pot-grown, 4-in., $1.50 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

ANTIRRHINUMS.

NELROSE, the new perpetual-flowering variety. Famous in America and Europe. Plants, $6 per 100; $50 per 1,000. Seed, $1 per trade packet. F. W. FLETCHER, Originator, Auburndale, Boston, Mass.

ARAUCARIAS.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias $1 each and up C. H. Frey, 1133 O St., Lincoln, Neb.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus, plumosus, 2-in., $3 per 100; 3-in., $6 per 100; 4-in., $1.50 per doz.; $12 per 100. Sprengeri, 2-in., $2.50 per 100; 3-in., $5 per 100; 4-in., $1.25 per doz.; $10 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRINGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, 3, 4 and 5-in., 7c, 15c and 35c each. Sprengeri, 2½-in., 3, 4 and 5-in., 4c, 6c, 15c and 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Asparagus Plumosus Seedlings, $5 per 1,000; transplanted at $7.50. Harry Bailey, R. F. D. No. 6, Los Angeles, Calif.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, $2.50 per 100; $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in. pots, 10-12 leaves, $1 each; variegated, 5-in. pots, 10-12 leaves, $1.50. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

REMEMBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: white, pink, lavender and purple. Price, 1,000 seeds, 50c, $5 per oz. Cash with order. ALBERT A. SAWYER, Forest Park, Ill.

AZALEAS.

Azaleas, all the leading varieties, from 65c to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Storrs & Harrison Co., Painesville, O.

Azaleas, all colors, $1 to $1.50. C. H. Frey, 1133 O St., Lincoln Neb.

BAY TREES.

BAY TREES.

Standards: Stem	Crown	Price per pair
2 feet.	20-22-in.	$10.00
2 feet.	24-in.	12.00
2 ft. 6 in.	2 ft.	12.00
3 ft.	2 ft.	12.00
4 ft.	2 ft. 3 in.	16.00
4 ft.	2 ft. 6 in.	20.00
2 ft. 5 in.	2 ft. 6 in.	20.00
4 ft.	3 ft.	25.00
4 ft.	3 ft. to 3 ft. 6 in.	30.00

THE GEO. WITTBOLD CO., 739 Buckingham Place, Chicago

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIA LUMINOSA, fine 4-inch in bloom, 10c; fine 3-inch, bud and bloom, 7c; good 2-inch, 2c. ERFORDII, transplanted seedlings, 75c per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Begonia Luminosa, 4-in., 15c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOXWOOD.

Boxwoods, bushes: 10-in., 25c each; $3 per doz.; 12-in., 30c each; $3.60 per doz.; 12-in., heavy, 10 ins. wide, 40c each; $4.80 per doz.; 15-in., 50c each; $6 per doz.; 18-in., $1 each; 24-in., $1.25. Pyramids, 30 in., $2 each; 36-in., $3 each; 3½ ft., $3.50 each; 4 ft., $4 each. Standards, 2-ft. stem, 12-15-in. crown, $2 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in., $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Begonias, tuberous rooted giant flowering varieties: Singles—white, scarlet, yellow, pink, 40c per doz.; $2.50 per 100; $20 per 1,000; mixed, 35c per doz.; $2 per 100; $18 per 1,000. Doubles—white, scarlet, yellow, pink, 50c per doz.; $3.50 per 100; $30 per 1,000; mixed, 50c per doz.; $3 per 100; $28 per 1,000. Lily bulbs: Album, 8-9-inch, $12 per 100; Auratum, 9-11-inch, $10 per 100; Rubrum, 8-9-inch, $6 per 100; 9-11-inch, $9 per 100. Tuberoses: True dwarf Pearl, mammoth, 6-8-inch, $15 per 1,000; first size, 4-6-inch, $8.50 per 1,000; medium, 3-4-inch, $5 per 1,000. Caladium Esculentum, 5-7-inch, $1.75 per 100; $15 per 1,000; 7-9-inch, $3.50 per 100; $30 per 1,000; 9-11-inch, $5.50 per 100; $55 per 1,000. Cold storage Lilies: L. Giganteum, 7-9-inch, 300 to case, $16 per case; 8-10-inch, 225 to case, $16 per case; 9-10-inch, 200 to case, $20 per case. Lil. Rubrum, 8-9-inch, 170 to case, $10 per case; 9-11-inch, 100 to case, $9 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, tuberous rooted begonias, single: in five separate colors, 50c per doz.; $3 per 100; double: Five separate colors, 60c per doz.; $4.50 per 100. Caladium, fancy leaf, $2.25 per doz.; $15 per 100. Gladiolus, America, $1.40 per 100; $12 per 1,000; Augusta, $1.60 per 100; $14 per 1,000; Francis King, $1.60 per 100; $14 per 1,000; Chicago White, $3.50 per 100; $30 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, complete assortment of summer flowering. Joseph Breck & Sons, Corporation, 47-54 N. Market St., Boston, Mass.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, strong tubers, 3 to 5 eyes, as follows: King Humbert, $2.50 per 100; Pennsylvania, Betsy Ross, Louisiana and Florence Vaughan, at $1.50 per 100; $12 per 1,000. Less 10 per cent for cash with order. ELITCH-LONG GREENHOUSES, Denver, Colo.

Cannas, divided clumps, Chas. Henderson, $2.50 per 100. Pennsylvania, $2. Venus, $2. Florence Vaughan, $2. Anthony Crozy, $2.50. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

Cannas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Bedder, Vaughan, Henderson, Patry, Hose, etc., $1.25 per 100. Joseph H. Cunningham, Delaware, O.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

CARNATIONS.

400,000 CARNATION ROOTED CUTTINGS.

Ready for immediate delivery. Strong, healthy stock in the following varieties. ORDER NOW:

	Per 100	Per 1000
Champion	$6.00	$50.00
Matchless	6.00	50.00
Peerless Pink	6.00	50.00
Philadelphia	6.00	50.00
Princess Dagmar	6.00	50.00
White Wonder	3.00	25.00
Pink Delight	3.00	25.00
Enchantress Supreme	3.00	25.00
Benora	3.00	25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
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Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
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JOLIET, ILL.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1,000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1,000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.
162 N. Wabash Ave. Chicago.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1,000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora. Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Carnations, White Enchantress, Pink Enchantrses, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, Josie Merle, $3 per 100; $27.50 per 1,000. Philadelphia, $4 per 100; $30 per 1,000. Washington, $3 per 100; $25 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Philadelphia, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald, $3.50 per 100; $30 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnation Alice, $12 per 100; $100 per 1,000. Peter Fisher, Ellis, Mass.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.
Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Golden Glow	2.00	15.00
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Yellow Eaton	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
Chieftain	3.50	30.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

ROOTED CHRYSANTHEMUM CUTTINGS.
February and March Delivery.
WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.
Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.
A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum cuttings, Chadwick Improved, $3 per 100; $25 per 1,000. W. H. and Golden Chadwick, Chrysolora, Maj. Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall, Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons: Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. Morris Floral Co., Morris, Ill.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum Early Frost, rooted cuttings of 2-in., pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, Golden Bedder, Verschaffeltii, 2-in., $2.50 per 100. Brilliancy, 2-in., $3.50 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Cyclamen, in bloom, 5-in., 35c; 6-in., 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DEUTZIAS.

Deutzea gracilis, 50c to 75c each. C. H. Frey, 1133 O Street, Lincoln, Neb.

DRACAENAS.

Dracænas, Fragrans, 3-in., $1.80 per doz.; 4-in., $3 per doz.; 5-in., $6 per doz. Hybrida Lord Wolseley, 4-in., 50c each. Indivisa, 2-in., $3 per 100; 3-in., 75c per doz.; $5 per 100; 4-in., $1.25 per doz.; $10 per 100; 5-in., $3 per doz.; $24 per 100; 7-in., 50c and 75c each; 7-in., extra fine, $1 each. Lindenii, 4-in., $6 per doz. Massangeana, 3-in., $2.50 per doz.; 4-in., $5 per doz.; 5-in., $7 per doz. Terminalis, 5-in., 75c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

ECHEVERIAS.

Echeveria Secunda Glauca, rooted cuttings, large, $2 per 100; small, $1.25 per 100; prepaid. Cash with order. JOS. BANCROFT & SON, Inc., Cedar Falls, Iowa.

FERNS.

Ferns, 4-in., Bostons, Springfieldi, Roosevelt, Amerpohli, Whitmani, Plumosus and Sprengeri (assorted orders), at $7 per 100. 6-inch Bostons, Roosevelt, Springfieldi (assorted), $10 per 100. The best value in plants you ever bought; one trial will convince you. Cash orders; too large for any credit business. NEWELL & USTLER, Apopka, Florida, the plant with a reputation.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, dish ferns, including aspidium, cyrtomium, falcatum, Pteris Mayi, Wilsoni, etc., $3 per 100; $25 per 1,000. Adiantum Croweanum, 5-in., 20c; Adiantum Glory of Mordrecht, 5-in., 35c; 4-in., 25c. Cibotium Schiedei, 5-in., 75c; 6-in., $1. The Storrs & Harrison Co., Painesville, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Boston ferns, 2-in.................$3.00 per 100
Boston ferns, 3-in................. 6.00 per 100
Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.
Boston out of bench, $10.00 and $15.00 per 100.
Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.
ERNEST ROBER, WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns, Boston, 4, 5 and 6-in., 15c, 30c and 40c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ferns. Boston and Whitmani, 3-in., 4 in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus elastica, 4-in., $3 per doz.; $24 per 100; 5-in., $4.20 per doz.; $34 per 100; 6-in., $6 per doz. Pandurata, 4-in., 50c each; 5-in., 75c; 6-in., $2.50. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Rubbers, 5 and 6-in., 35c to 50c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

FUCHSIAS, good assortment, strong rooted cuttings, ready now, $1 per 100 cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

GARDENIAS.

GARDENIAS.
Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Mme. Salleroi, 2-in., $2.50 per 100; 3-in., $5 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and four other varieties, 2½-inch pots, $3 per 100; $25 per 1,000. Joseph H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, 2¼-in., $2.50 per 100; $25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Geraniums, Feb. and March delivery. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

Geraniums, 2 and 2¼-in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, Buchner, etc., $2.50 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 3 and 4-inch, 7c and 10c each. C. H. Frey, 1133 O St., Lincoln, Neb.

GLADIOLUS.

Gladiolus: Mrs. Francis King, extra, $12.50 per 1,000; 1st size, $9 per 1,000; 3,000 for $25; 2nd size, $7 per 1,000. Augusta, 1st size, $12 per 1,000; medium size, $10 per 1,000. America, 1st size, $12 per 1,000; medium size, $10 per 1,000. Hyde Park, $60 per 1,000. Princeps, $30 per 1,000. Florists' mixture, light, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladiolus, Mrs. Francis King, 1st size, $2 per 100; $18 per 1,000; 2nd size, $1.30 per 100; $12 per 1,000; 3rd size, $1 per 100; $8 per 1,000. America, 1st size, $2.25 per 100; $20 per 1,000. Brenchleyensis, 1st size, $2 per 100; $18 per 1,000. Best mixture, 1st size, $1.30 per 100; $12 per 1,000. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

1,000 Augusta and 2,000 America gladiolus bulbs, flowering size, $20. Arthur Rueffer, in care of H. Wehrman, Maywood, Ill.

Gladiolus, America, 2-inch and over, $8 per 1,000; 1¾-2-inch, $6; 1¼-1¾-inch, $4. Baron Hulot, 1½-in., and over, $12. Halley, 1¾-in. and over, $14. Mrs. F. King, 1¼-1½-in., $8.50; 1½ and over, $10. Panama, 1-1¼-in., $12. Lechner Bros, Webster Groves, Mo., agents for The Growers' Association, Anna Paulowna, Holland.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HYDRANGEAS.

Hydrangea Otaksa, 5-in., 3-4 leads, $3 per doz.; 9 and 10-inch, 75c and $1 each. French varieties, pink, white, blue, mixed, 5-in., $2.40 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Hydrangeas, new French, 6-inch pots, 3 to 6 heads, 50c to $1 each. C. H. Frey, 1133 O St., Lincoln, Neb.

Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Ivy, English, 2-in., $2.50 per 100; $24 per 1,000; 4-in., bushy, $10 and $12 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

ENGLISH IVY, R. C., 75c per 100, prepaid, from soil 20 to 30 inches, $3; from pots, 30 to 40 inches, $5. CHAS. FROST, Kenilworth, N. J.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILIES.

Easter lilies, 10 to 12 ins. above pots, 3 to 6 buds, 10c per bud; 12 to 18 ins., 12c per bud; 20 to 30 ins., 15c per bud. C. H. Frey, 1133 O Street, Lincoln, Neb.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandshek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley pips, per 1,000 from $12 to $16. Chas. Schwake & Co., Inc., 90-92 W. Broadway, New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

Lily of the valley, Chicago Market Brand, best valley in existence, giving the best results all year around, $15 per 1,000; $8 per 500; $4.50 per 250; $2 per 100. Florist Money Maker Brand, best Valley at moderate prices, $13 per 1,000; $7 per 500; $4 per 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, cold storage, extra select, very best. $2 per 100; $15 per 1,000; Hamburg, $1.50 per 100; $12 per 1,000. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Lily of the valley pips, from cold storage, 2,500 to case, $17 per 1,000; new crop, 1,000 to case, $16 per 1,000. St. Louis Seed Co., 411 Washington St., St. Louis, Mo.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist,
329 MAIN ST., CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Tree seeds, fir, hemlock, spruce, cedar, pine, arbor-vitae, larch, oak, maple, cherry, catalpa, syringa, rhus, cornus. For varieties and prices see advertisement elsewhere in this issue. The D. Hill Company, Box 404, Dundee, Ill.

E. TURBAT & CO., Nurserymen, ORLEANS, France, grow all outdoor Nurseries stocks; FRUIT, Ornamental and Forest. Wholesale list on demand.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ONION SETS.

ONION SETS—32 pounds to the bushel, crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our onion sets.

YELLOW DANVER SETS.
For shipment up to the following dates:

	Price ½ Pk.	Pk.	Bu.
March 1st	$0.30	$0.50	$1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70
WHITE SILVER SKIN SETS.			
March 1st	.30	.55	1.60
March 15th	.35	.55	1.70
April 1st	.40	.60	1.80
RED WETHERSFIELD SETS.			
March 1st	.30	.50	1.50
March 15th	.35	.55	1.60
April 1st	.35	.55	1.70

J. BOLGIANO & SON,
Almost 100 years' established trade,
BALTIMORE, MD.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.
Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30	1.50
6-inch pots,	6 to 7,	32 to 34	2.00
7-inch pots	6 to 7,	40 to 42	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44	4.00
8-inch tubs,	6 to 7,	45 to 48	5.00
9-inch tubs,	6 to 7,	58 to 64	7.50

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20	$0.35
6-inch pots,	5 to 6,	28 to 30	1.00
6-inch pots,	5 to 6,	34 to 36	1.50
8-inch tubs,	6 to 7,	46 to 48	3.50
8-inch tubs,	6 to 7,	50 to 54	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	$1.50
7-inch pots, 3 plants in a pot,	36 to 38	2.50
7-inch tubs, 4 plants in a tub,	38 to 40	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	3.50
8-inch tubs, 3 plants in a tub,	48 to 54	5.00
8-inch tubs, 4 plants in a tub,	52 to 56	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	12.00

Very strong specimens. 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.
POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

KENTIA BALMOREANA.

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	12-14-in.		4.50	35.00
5-in.,	5-6	15-18-in.		6.00	50.00
7-in.,	6-7	30-32-in.	$ 2.50		
8-in.,	6-7	48-in.	7.00		
8-in. tubs,	6-7	60-in.	10.00		
9-in. tubs,	7-8	72-in.	13.00		

KENTIA FORSTERIANA.

Size	Leaves	Height	Each	Doz.	100
2-in.,	4	8-in.		$1.50	$12.00
3-in.,	4-5	8-10-in.		2.00	15.00
4-in.,	4-5	14-16-in.		4.50	35.00
5-in.,	5-6	16-18-in.	$ 0.50	6.00	
5-in., extra strong			.75	9.00	
6-in.,	5-6	18-24-in.	1.00		
7-in.,	6-7	36-40-in.	2.25 to 2.50		
7-in.,	6-7	44-48-in.	4.00		
8-in.,	6-7	60-64-in.	8.50		
8-in.,	6-7	64-68-in.	9.00		
9-in.,	6-7	72-in.	11.00		
9-in.,	7-8	80-84-in.	12.00		
9-in.,	7-8	84-88-in.	15.00		

THE GEO. WITTBOLD CO.,
739 Buckingham Place, Chicago

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentias, 5 and 6-inch, 75c and $1 each. Phœnix Roebelenii, 8 and 10-inch, $2 to $4 each. C. H. Frey, 1133 O St., Lincoln, Neb.

Kentia Seed, Forsteriana and Belmoreana. McHutchison & Co., 17 Murray St., New York.

Palms. Julius Roehrs Co., Rutherford, N. J.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 3-in., $3.50 per doz.; 4-in., $6 per doz.; 5-in., $9 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

PANSIES.

125,000 PANSIES, Romer's Prize Winners (Germany). A grand collection, extra strong plants; worth more money, 50c per 100; $3.50 per 1,000, prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

Pansy plants, giant flowering, $2.50 per 1,000. Joseph H. Cunningham, Delaware, O.

PEONIES.

Peonies, Faust; assorted pink, white and red, undivided clumps, 30c and 35c each. Divided roots, 2-3 eyes, 10c each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

PEPPERS.

CHRISTMAS PEPPERS, strong 4-inch bushy plants, full of berries, $10 per 100. A. T. Hey Floral Co., Maywood, Ill.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, dbl. assorted or in separate colors, pure white and violet, $3 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

PHLOXES.

Hardy perennial phloxes. For varieties and prices, see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

PRIMULAS.

Primula obconica, $1 per 100 to close out. Joseph H. Cunningham, Delaware, O.

Primula obconica, 4-in., 15c; 5-in., 25c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Primula obconica, 5-in., $1 per doz.; $8 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

Privet, California, 2-year, 2 to 3 ft., 3 to 4 ft.; 3-year, 3 to 4 ft., 4 to 5 ft. Amoor River, 1-year, 12 to 18 inches, 2-year, 1½ to 2 ft., 2 to 3 ft. Berberis Thumbergii, transplanted, 9 to 12 inches and 12 to 18 inches. J. T. Lovett, Little Silver, N. J.

200,000 California, Ibata and Variegated Privet, all sizes. 100,000 Berberis Thunbergus, 1, 2 and 3-year and all other shrubs and vines. Get list now ready. Benj. Connell, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

Rhododendrons, all colors, $1.50 to $2.50 each. C. H. Frey, 1133 O St., Lincoln, Neb.

ROSES.

ROSES.
Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROOTED ROSE CUTTINGS, Pink Killarney, White Killarney, Richmond, $2 per 100; $18 per 1,000. Bench rose plants, American Beauty, Pink Killarney, Richmond, $6 per 100; $50 per 1,000. Extra fine stock. Ready now. Satisfaction guaranteed. GEORGE REINBERG, 162 N. Wabash Ave., Chicago.

Roses, bench plants: Killarney, Richmond, Milady, Maryland, Ward, Shawyer, $6 per 100; $50 per 1,000. Rooted cuttings: Richmond, $2.50 per 100; $20 per 1,000. Pink Killarney, White Killarney, Maryland, $3 per 100; $22.50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Rose Hoosier Beauty, own root: 100 for $30; 250 for $70; 1,000 for $250. Grafts: 100 for $35; 250 for $82.50; 1,000 for $300. F. Dorner & Sons Co., LaFayette, Ind.

Roses, bench plants: 2,000 Beauties, one-year-old, $50 per 1,000. 2,000 Milady, grafted, one-year-old, $40 per 1,000. 2,000 Rhea Reid, grafted, two-year-old, $40 per 1,000. Bassett & Washburn, Hinsdale, Ill.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Roses, Jessica, Teschendorf, Crimson Baby, 4-inch, 25c each; 6-inch, 60c to $1 each. Tea roses, 4-inch, 20c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Hoosier Beauty, own roots: 100 for $30; 250 for $70; 1,000 for $250. Grafts: 100 for $35; 250 for $82.50; 1,000 for $300. The E. G. Hill Co., Richmond, Ind.

Roses, Ophelia, Mrs. Geo. Shawyer, Sunburst, Ward, Prince d'Arenberg, White and Pink Killarney. Write for prices and further particulars. F. J. Benthey, 165 Wabash Ave., Chicago.

Rose Hoosier Beauty, strong grafted plants, 50c each; $5 per doz.; $35 per 100. Vaughan's Seed Store, Chicago and New York.

E. TURBAT & CO., Orleans, France. Enormous stock of Rose Trees, old and new varieties. Wholesale list on demand.

Roses, all the leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

Roses. W. & T. Smith Co., Geneva, N. Y.

SALVIAS.

Salvia Bonfire, strong, 2-inch, $1.75 per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

SEEDS.

Seeds, garden, beet, carrot, radish and spinach. Vilmorin's Paris Golden Yellow celery, crop 1914 in 14 lb. bags, $12 per lb. Gradus, T. Laxton, Sutton's Excelsior and Ameer peas, $4 per bu. Alaska, $3.50. I. N. Simon & Son, 6 North Front St., Philadelphia.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, new crop flower and vegetable. Joseph Breck & Sons, Corporation, 47-54 N. Market St., Boston, Mass.

SHAMROCKS.

Shamrock plants for St. Patrick's day, 1-inch and 2-inch, $3 per 100; $25 per 1,000. Feb. and March delivery. Poehlmann Bros Co., Morton Grove, Ill.

SMILAX.

Smilax, 2½-inch, $1.25 per 100; $10 per 1,000. J. C. Schmidt, Bristol, Pa.

SNAPDRAGONS.

Snapdragons, Silver Pink, 4-inch, $2 per doz.; $15 per 100. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Wired Toothpicks

10,000 $1.75; 50,000 $7.50. Manufactured by

W. J. COWEE, Berlin, N. Y.

Sample free. For sale by dealers.

PRINTING FOR FLORISTS

Send for samples of **Three Color Shipping Labels** and Florists' Tags. Letterheads and Envelopes showing special designs for florists.

Gorham & Limpus Press
542 S. Dearborn St., Chicago.

SPIREAS.

Spirea Gladstone and Alexandria, 6 to 7-in. pots, 35c to 75c each. C. H. Frey, 1133 O St., Lincoln, Neb.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

TRITOMAS.

Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

VINCAS.

VINCA VINES, strong 4-inch stock, variegated, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca Var., 3 and 4-inch, 6c and 10c each. C. H. Frey, 1133 O St., Lincoln, Neb.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.
MICHIGAN CUT-FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. N. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

MISCELLANEOUS.

Cyaceine Flower Coloring, St. Patrick green, yellow, blue, orange, pink, American Beauty, 20c per qt., 6 for $1. C. R. Cranston, 148 Orchard St., Auburn, R. I.

Catalogue printing. Gillies Litho. & Ptg. Co., Rochester, N. Y.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

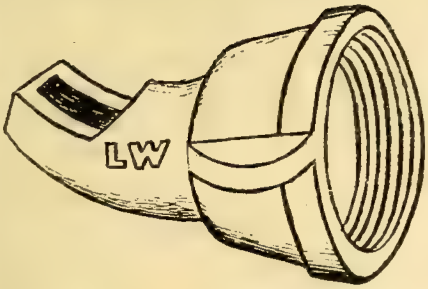
Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Florists' Wire Work at lowest prices. Komada Bros., 1008 Vine St., Philadelphia, Pa.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.



Little Wonder Rose Nozzle

35 Cents Each.

MORTON GROVE, ILL., Feb. 19, 1915.

Garland Mfg. Co., Des Plaines, Ill.

Gentlemen:—The spraying nozzles you supplied us do the work they were intended for in a very satisfactory manner and I am surprised that they are not more commonly used.

Sincerely yours, POEHLMANN BROS. CO.
Per A. F. Poehlmann, Sec'y.

GARLAND MFG. CO., Des Plaines, Ill.

Manufacturers of the Celebrated Garland Cast Iron Greenhouse Gutters.

Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

Lot No.

XJ-41—Greenhouse Inside Sash Bar, size 1¾ x 2½ 100 running ft.................... $ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft.................... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas.................. 27.00
XJ-45—Standard Hot Bed Sash, 1⅜-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each...... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll..............................$1.90 to 1.13
XJ-48—First-class second-hand Heating Boilers in any desired size. Very lowest prices.

HARRIS BROTHERS COMPANY, Owners
Chicago House Wrecking Co.,
35th and Iron Sts., Chicago

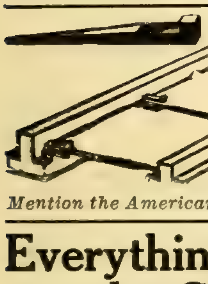
Mention the American Florist when writing.

GLASS

We are leaders. Large stock, good prices.

SHARP, PARTRIDGE & CO.
CHICAGO, ILLINOIS.

Mention the American Florist when writing.



Siebert's Zinc Glazing Points.

Good for small or large glass, do not rust, easy to drive, ⅝ and ⅞ inch. Per lb. **40c.** 5-lbs. **$1.85.** 20-lbs., **$7.00**

Vaughan's Seed Store
Chicago New York

Mention the American Florist when writing.

Everything for the Greenhouse

J. C. MONINGER COMPANY,

CHICAGO	CINCINNATI	NEW YORK
902 Blackhawk St.	Union Central Life Bldg.	Marbridge Bldg

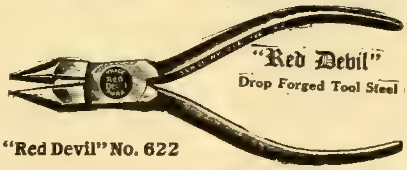
Boilers OF HIGH GRADE.....

For GREENHOUSES

See Our Catalogue.

Steam and Hot Water **GIBLIN & CO., Utica, N. Y.**

A "RED DEVIL" PLIER ESPECIALLY FOR YOU.



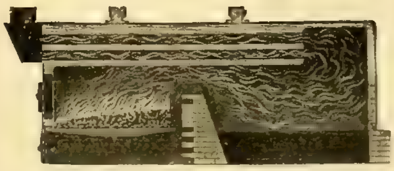
"Red Devil" No. 622

A little 4-inch drop forged steel tool that is far superior to a shears for cutting bouquet wires or any fine wire. It is tested to cut the finest silk insulation and is a plier you will appreciate. It's just one **"Red Devil"** tool you should have Ask your hardware man for **"Red Devil," No. 622,** 4-inch. He has or will get it for you. If not send us his name and fifty cents and **one** only sample pair will be sent you postpaid.

Smith & Hemenway Co., **170 Chambers St., New York, U. S. A.**

(We make **"Red Devil" Glass Cutters** The kind you want.)

KROESCHELL BOILER



Made of Fire Box Flange Plate
Can Not Crack

Water Space in Front, Sides and Back
The Most Popular Boiler Made
SEND FOR CATALOGUE

Kroeschell Bros. Co.
452 W. Erie Street, CHICAGO

Mention the American Florist when writing.

KING

The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

KING CONSTRUCTION CO.
29 King's Road, N. Tonawanda, N. Y.

Mention the American Florist when writing.

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

—Send For Prices—

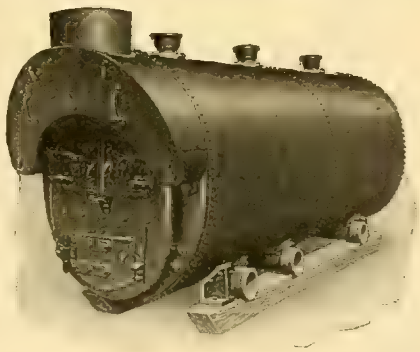
404-412 East 34th St, NEW YORK

Mention the American Florist when writing.

"SUPERIOR"

INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
846-848 W. Superior Street
CHICAGO

Iron Reservoir Vases
— and —
Lawn Settees

The McDonald Foundry
Columbus, Ohio.

WRITE FOR CATALOG AND PRICES

Established 1765 FOR "POT LUCK" USE Incorporated 1904

HEWS STANDARD POTS

POT MAKERS FOR A CENTURY AND A HALF. AND RED EARTHENWARE SPECIALTIES. WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass. WAREHOUSES: Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates
Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000	1¾-in.,	crate,	$6.00	456	4½-in.,	crate,	$5.24
1500	2	"	4.88	320	5	"	4.51
1500	2¼	"	5.25	210	5½	"	3.78
1500	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
800	3½	"	5.80	60	8	"	3.00
500	4	"	4.50				

HILFINGER BROS. POTTERY, Fort Edwards, NEW YORK.

August Rolker & Sons, 51 Barclay St., New York City Agents.

Our Specialty: Long Distance and Export trade.

Mention the American Florist when writing

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.

SYRACUSE, - - N. Y.

Mention the American Florist when writing

The Best Paper Pot

For Shipping Purposes.

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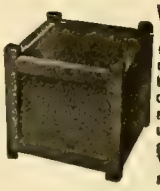

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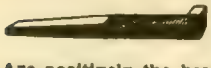

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN ROSE SOCIETY.

Annual convention and exhibition, Boston, Mass., March 18-21, 1915. WALLACE R. PIERSON, Cromwell, Conn., President; ROBT. PYLE, West Grove, Pa., Vice-President, BENJAMIN HAMMOND, Fishkill-on-Hudson, N. Y., Secretary.

Spring Number Next Week

Mail Advts. Now.

SOCIETY OF AMERICAN FLORISTS.

Executive Committee Meeting, Chicago, March 1-2.

Secretary Young's Report.

The meeting of the executive board of directors of the S. A. F. & O. H. was held at the Hotel LaSalle, Chicago, March 1-2, 1915, President Patrick Welch in the chair at all sessions. The following were in attendance throughout the two days' sessions: Patrick Welch, president, Boston, Mass.; John Young, secretary, New York; Wm. F. Kasting, treasurer, Buffalo, N. Y. Ex-president Theodore Wirth, of Minneapolis, and the following named directors: Thomas Roland, Nahant, Mass.; August Poehlmann, Morton Grove, Ill.; J. J. Hess, Omaha, Neb.; J. A. Peterson, Cincinnati, O.; Wm. R. Nicholson, Framingham, Mass.; R. C. Kerr, Houston, Tex.; also the following members under affiliation: Samuel J. Goddard, president of the American Carnation Society; Irwin Bertermann, president Florists' Telegraph Delivery; George Burton, president of the Florists' Club of Philadelphia; H. H. Bartsch, president of the Gardeners' and Florists' Club of Boston. The board, besides the usual routine matters coming up at the annual meeting, had before it arrangements for the Thirty-first annual meeting of the S. A. F. & O. H. to be held in San Francisco, August 17-19, 1915, and also the fourth national flower show which is to be held in Philadelphia, Pa., March 25 to April 2, 1916. The national flower show committee held its own session, but certain important matters considered by it were referred to the general board of the S. A. F. for approval.

The reception by the Chicago florists of the S. A. F. executive board, the national flower show committee and the board of directors of the Florists' Telegraph Delivery was most hospitable and elaborate. Notwithstanding the courtesies tendered by the Chicago florists, the board transacted a great amount of detail business, its sessions were harmonious, and the results of its deliberations cannot fail to be beneficially felt throughout the coming year. Daniel MacRorie, San Francisco, Calif.; Wallace R. Pierson, president of the American Rose Society, and Harry A. Bunyard, president of the New York Florists' Club, were unavoidably absent, to the regret of all. Mr. MacRorie telegraphed and also wrote the board explaining his absence and stating that he expected to attend the flower show in New York on March 17. He advised that Superintendent John McLaren, San Francisco, is now preparing ground for a fine convention garden. Mr. MacRorie's correspondence indicates that he is vigorously at work and that the San Francisco meeting will be up to the usual standard of the S. A. F. and probably have some additional peculiarly California features that will render it most attractive.

Charles W. Johnson, secretary of the Chrysanthemum Society of America, called the attention of the board to the annual meeting and exhibition of the C. S. A. to be held at Cleveland, Ohio, November 10-14, 1915; also exhibit under auspices of the C. S. A. in conjunction with the gardeners and florists of the Pacific coast to be held next fall at the Panama-Pacific International exposition, San Francisco, on dates not yet determined and asking for co-operation from the S. A. F. He predicts that the exhibitions will be a big success.

A communication was received from the pathologist, Prof. H. H. Whetzel, which was referred to the programme committee. The report of Treasurer Kasting showed the finances in good condition and an increased reserve fund on hand. On motion of Mr. Kasting a committee of three, consisting of John Young, New York; J. J. Hess, Omaha, Neb.; Robert C. Kerr, Houston, Tex., was appointed on trade exhibition to be held in conjunction with the San Francisco meeting, to report as to rates for space, etc. This committee recommended the adoption of the same rules that prevailed at the exhibition at the convention in Boston and that the same 40 cents per square foot be charged for space, which on motion of S. J. Goddard was concurred

in. A motion was adopted to dispense with the reading of essays at the San Francisco meeting, but to invite a limited number of prominent people to prepare such essays, the same to be furnished in advance of the meeting in time for publication in the various trade papers. On motion of ex-President Wirth a committee of five on programme was appointed consisting of John Young, chairman, New York; Daniel MacRorie, San Francisco, Calif.; August Poehlmann, Chicago; Wm. R. Nicholson, Framingham, Mass., and George Burton, Philadelphia, Pa.

At Monday afternoon's session the correspondence of Daniel MacRorie was received and on motion of Irwin Bertermann it was referred to the proper committee, with thanks to Mr. MacRorie. Some members of the board present stated that they had good reason to know and they believed that hotel rates in San Francisco would not be excessive or above the ordinary schedule prevailing at other times than during the exposition. On motion of Mr. Nicholson the chair appointed the following committee on publicity: George Burton, president of the Florists' Club of Philadelphia, chairman; Irwin Bertermann, president of the Florists' Telegraph Delivery, Indianapolis, Ind.; and Wm. F. Kasting, Buffalo, N. Y. A resolution was presented from the national flower show committee, the details of which cannot be made public at this time, but which will have an important bearing upon the success of the national flower show which Past President George Asmus in presenting the report of the national flower show committee, predicted would be far ahead of any previous national show. The chairman of the national flower show committee, George Asmus, presented for the consideration of the board his plans in general. These received the hearty approval and unanimous endorsement of the board, and Mr. Asmus was highly complimented upon his careful attention to all details looking to the most efficient management of the national flower show. Messrs. Wirth and Hess were appointed auditing committee to pass upon the reports of the secretary and treasurer, and they reported that the accounts were correct and in first-class shape, also making some detailed recommedations, which were adopted. The usual routine appropriations came up for action and after thorough discussion were duly acted on and suitable appropriations made.

R. C. Kerr reported quite at length in regard to the energetic work he has been doing in Texas in the shape or organizing. In the course of this report he referred to the possibility of the organization of sectional associations. This brought out a spirited discussion in which a number of the members participated, and the result of the discussion was that Mr. Kerr expressed himself as thoroughly in accord with the recent broad movement toward nationalism and the dominance of the parent society, the same not to interfere with complete autonomy on the part of state or other florists' associations, all of which are invited to come into the fold under the affiliation plan, which at the close of the discussion Mr. Kerr acknowledged the paramount advantages of and expressed himself as having gained much from the discussion and as prepared to go back home and push organization harder than ever.

A lengthy talk over the various proposed routes to San Francisco was had, Guy French, secretary of the Chicago Florists' Club, appearing before the board and explaining the careful work that the Chicago local association had done with a view of arranging for Chicago to be the nucleus or meeting point where all eastern florists could converge and from there either go as they please or join in the general arrangements. After full discussion the

Dan MacRorie, San Francisco, Calif.
Vice-President Society of American Florists.

board endorsed the route selected by the Chicago club as probably the best that can be had, although this of course will not prevent individuals from making their own arrangements. On motion, the chair appointed three representatives in the east as an addition to the Chicago clubs' committee on transportation and who will furnish eastern members all information in their power regarding the trip, viz.: H. H. Bartsch, president of the Gardeners' and Florists' Club of Boston; George Burton, of Philadelphia, and Harry A. Bunyard, New York.

At the Tuesday morning session of the board several representatives of subsidiary societies announced that it was not their intention to hold special meetings of their societies at San Francisco, further than to participate in the general meeting of the S. A. F. In response to a telegram sent Daniel MacRorie by a special committee, Mr. Wirth and Mr. Young, the latter announced that a reply had been received from Mr. MacRorie that the local committee on convention garden will undertake to carry out the same on the same basis as it was carried out in Minneapolis. At the suggestion of Mr. Roland, Theodore Wirth was appointed by the chair as a representative of the board of the S. A. F. to act in conjunction with the local committee on convention garden at San Francisco. On motion of Secretary Young it was ordered that the awards to be given for the exhibits in the convention garden be in the form of medals or certificates, and that no cash prizes be awarded. Judges of the convention garden and trade exhibition, the chair announced, will be appointed later as soon as it is ascertained what members of the S. A. F. will positively attend at San Francisco.

J. A. Peterson, Cincinnati, O., offered a suggestion as to the possibility of having an exhibition where new plants could be exhibited and judged once every month, which he thought would be a great benefit not only to the grower but also to purchasers of new plants. Mr. Peterson stated that he personally knew of plants sent out under three or four different names when they were all practically the same plant. This suggestion was quite generally discussed by the board, and a special committee consisting of Messrs. Wirth, Kasting and Roland, were appointed to take this matter under consideration. Mr. Peterson also brought up a matter regarding which he has had considerable correspondence with various members of the S. A. F. & O. H. as to the provisions in the classifications of the express companies regarding growing plants not in pots or tubs, placed in boxes and the sides and ends of which are as high or higher than the plant, and slats nailed on the top completely protecting the plant, which are rated as second class by the express companies, while growing plants in pots or in tubs, plants in receptacles crated, are rated first-class. He believed that plants in pots carefully packed should be carried as second-class matter, giving reasons for same. After considerable discussion this matter was referred to the tariff and legislative committee.

Wm. F. Gude, who was present at this session, having arrived one day late through a misunderstanding as to the date of the meeting, reported certain correspondence that he had had on the above matter with the interstate commerce commission, advising that they had it under investigation. Wm. F. Kasting thought it might be a good idea to appoint a committee to take measures to obtain a new rating from the insurance companies on greenhouses of modern construction. It was the general consensus of opinion that the former rates were now too high, the same having been established at a time when greenhouses were a much more hazardous risk than under the present improved construction of concrete, etc. No action was taken on this suggestion at this time.

Wm. F. Kasting was asked to preside during a portion of this session. Mr. Wirth moved that there be a permanent standing committee on convention garden similar in point of numbers and in tenure of office to the national flower show committee. The discussion on this motion brought out the general approval in which the whole subject of the convention garden is held and

LUNCHEON TO THE EXECUTIVE COMMITTEE OF THE SOCIETY OF AMERICAN FLORISTS.
Hotel La Salle, Chicago, March 3.

its possibilities as a general advertising feature as well as the public benefits to be derived. The motion was seconded by Thomas Roland and unanimously carried. At the final session of the board, Tuesday afternoon, ex-President Wirth brought up a subject very dear to his heart, by asking for an expression of opinion from those present in regard to the suggestion that Mr. Wirth made in his president's address at Boston, namely, his belief that the name of the S. A. F. & O. H. should be changed so as to refer to horticulture only. Great deference was paid to Mr. Wirth's feeling in this matter, but the result of an extended discussion was confirmation of the fact that the majority's sentiment was strongly opposed to any change of name, Mr. Gude bringing out very forcibly that such a change would not only be repugnant to the traditions of the society and the sentiment of the membership at large, but would require the taking out of a new charter which might even endanger the national character of the charter, the S. A. F. & O. H. being the only society of its kind which had been favored with a charter from the national government adopted by act of congress only after years of effort by the late lamented Wm. R. Smith. Mr. Wirth, although fondly cherishing his desire for stronger reference in the society's name to horticulture pure and simple, stated that he would bow to the will of the majority in the matter until he could present stronger arguments for a change.

On motion of Secretary Young an adjourned meeting of the board was authorized to be held at the time of the flower show in New York. The committee on final resolutions, Irwin Bertermann, chairman, reported resolutions of thanks to the local committee of the Chicago Florists' Club for courtesies and hospitality; also a vote of thanks to the national flower show committee for their presence and work, and to the Florists' Telegraph Delivery executive committee for their attendance; all of which was unanimously adopted by rising vote. The board adjourned feeling that the meeting had been a most satisfactory one from all standpoints and that good work had been accomplished.

JOHN YOUNG, Sec'y.

National Flower Show Committee.

MEETING AT CHICAGO.

The meeting of the national flower show committee was held at the Hotel LaSalle, Chicago, at 2 o'clock p. m., March 1, 1915. Chairman George Asmus presiding. All members of the committee were present with the exception of Charles H. Totty and W. N. Rudd. The discussion at this session was entirely devoted to a consideration of the adaptability of the building to be selected for the fourth national flower show which is to take place in Philadelphia, Pa., March 25 to April 2, inclusive, 1916. As a result of the work of this session instructions were issued to the lease and contracts committee, Farenwald, Kasting and Craig, who have been doing energetic work and who reported that preliminary arrangements with reference to the lease of the building had been considered and are being pushed with all possible dispatch.

The second session of this committee was held at 1:30 p. m. Tuesday, March 2, 1915, at the same place. A matter of special importance that was considered at this session was the rates for space at the trade exhibition to be held in connection with the national flower show.

After a full discussion it was finally determined that inasmuch as the exhibition will be held on one floor a uniform price of one dollar per square foot would be charged, first come first served. It is believed that this price will be satisfactory to all concerned, and Secretary Young reports that he has received a gratifying number of applications for space with every prospect of plenty more coming, and as no favors will be shown, it is up to exhibitors to get their applications in early. The question of admission of artificial flowers, etc., on equal terms with natural flowers was debated from all viewpoints and it was the consensus of opinion that while no discrimination would be made and artificial flowers would be admitted on equal terms, it was suggested that a better display would be promoted by segregating the artificial flowers from the natural flowers in a special department of their own. On motion of Wm. F. Kasting, the chairman and secretary were authorized and instructed to raise a guarantee fund for the national flower show in the amount of $10,000 and that in the call to be sent out the purposes for which the guarantee fund is to be raised shall be fully specified, and that all florists throughout the country be invited to participate in subscriptions to this guarantee fund. It was also agreed that all funds in connection with the national flower show shall be turned over to and handled by the treasurer of the S. A. F. & O. H.

The announcement was made by the American Carnation Society that they will bring their "jubilee meeting" to Philadelphia, in consideration of which on motion of W. P. Craig it was ordered that the former action taken by the national flower show in reference to the American Carnation Society's exhibit and awards on condition that they would hold their regular annual meeting in conjunction with the national flower show in Philadelphia, in March, 1916, be reconsidered and that the same sum be allotted to that society as was first proposed to allot to them. It was further ordered that the allotting of the premiums be left to the officials of the American Carnation Society, a certification of the awards made to be sent to the national flower show committee. All collections in this behalf are to be turned over to the treasurer of the S. A. F. & O. H. and all disbursements to be made by the same officer. It was believed that this plan would avoid some confusion which has heretofore arisen in handling these matters as between the two associations. A. Farenwald suggested that it would be a great mis-

take to interfere with the rules of the separate subsidiary societies. The rules of the American Carnation Society were accepted as governing the exhibits by its members at the national flower show, with the exception of rule three, which reads: "Only members of the American Carnation Society are eligible to compete for prizes, medals or certificates." Secretary Young voiced the sentiment of the committee that the endorsement and co-operation of the retailers generally throughout the country was realized as being of the greatest assistance, and the national flower show committee pledged itself to do everything possible to look after their interests.

At the request of Chairman Asmus, Secretary Young read the typewritten instructions formulated by Chairman Asmus covering in detail the work of the respective sub-committees of the national flower show committee. The full details covered in these programs of work for the committees evidenced the great foresight and thorough manner in which these instructions had been worked out by Mr. Asmus, and they were the subject of general commendation and approval. Charles H. Fox, chairman of the committee on publicity, addressed the committee, outlined what he expects to do, and expressed the greatest enthusiasm and confidence in the work that will be done by his committee proving most effective. Chairman Asmus invites suggestions from all quarters that may conduce to the furtherance of the show. Instructions to the several sub-committees were endorsed by formal motion and the chairman directed to send them out.

The chairman of the special program committee, W. P. Craig, made a report showing the progress to date, and giving a large list of firms who have already contributed special prizes. Mr. Craig reported that the business men of Philadelphia are generally enthusiastic over the show and anxious to co-operate. A resolution was unanimously adopted instructing the secretary to write W. N. Rudd and Chas. H. Totty the regrets of the committee at their inability to be present through illness and then to convey to them the best wishes of the committee and the hope that they would soon be completely recovered.

JOHN YOUNG, Sec'y.

Luncheon to Executive Committee S. A. F.

The Chicago florists were most assiduous in their attention to the entertainment of the members and guests of the executive board of the S. A. F. & O. H., the executive board of the Florists' Telegraph Delivery and the national flower show committee. Besides various luncheons and a smoker, an elaborate luncheon, which might more properly have been termed a banquet, was tendered by the Chicago florists' committee at the Hotel La Salle at 1 p. m., Wednesday, March 3, 1915. The committee from the Chicago Florists' Club having this special function in charge were Ernst Weinhoeber, George Asmus and August Poehlmann. After a most appetizing spread, with liquid and other embellishments, George Asmus, as toastmaster, called upon the following gentlemen, all of whom made remarks that were out of the ordinary after-dinner speeches, inasmuch as they abounded in suggestions of a business character that were most timely and interesting; these speakers being Phillip Breitmeyer, Detroit, Mich.; A. Pochelon, secretary of the F. T. D., Detroit, Mich.; George E. M. Stumpp, director F. T. D., New York; E. G. Hill, Richmond, Ind.; ex-president S. A. F. & O. H.; J. C. Vaughan, Chicago; Patrick Welch, president of the S. A. F. & O. H., Boston, Mass.; August Poehlmann, director of the S. A. F. & O. H., Chicago; John Young, secretary of the S. A. F. & O. H., New York; Wm. Kroeschell, Chicago; Wm. F. Kasting, treasurer of the S. A. F. & O. H., Buffalo, N. Y.; George Sykes, Lord & Burnham Co., Chicago; Wm. F. Gude, Washington representative, S. A. F. & O. H., Washington, D. C.; Charles H. Fox, chairman publicity committee, National Flower Show, Philadelphia, Pa.; L. D. McNeff, McNeff-Swenson Co., Chicago; Thos. Roland, director of the S. A. F. & O. H., Nahant, Mass.; W. W. Barnard, seedsman, Chicago; Theodore Wirth, president of the S. A. F. & O. H., Minneapolis, Minn.; Ernst Weinhoeber, director of the F. T. D., Chicago; J. J. Hess, director of the S. A. F. & O. H., Omaha, Neb.; H. H. Bartsch, president of Gardeners' and Florists' Club, Boston, Mass.; George Burton, president of Florists' Club of Philadelphia, Pa.; Irwin Bertermann, president F. T. D., Indianapolis, Ind.; A. Farenwald, Roslyn, Pa.; Alexander Henderson, seedsman, Chicago.

FRANK M. ROSS' FLOWER SHOP NO. 3.
136 South Fifty-Second Street, Philadelphia, Pa.

MOBILE, ALA.—A horticultural exhibit to which all the florists of the city and any individual citizens interested might contribute, is being considered by the Mobile Floral and Horticultural Society.

LINCOLN, NEB.—Prof. Charles E. Bessey, head of the Nebraska University botany department and a botanist of international reputation, died February 26 from heart disease. He was 70 years old and had been a professor 45 years.

ALTON, ILL.—The Alton Floral Co. has decided to be closed on Sunday. Announcement was made February 26 that hereafter the only delivery of flowers on Sunday will be flowers for funerals, in cases of emergency, as a matter of accommodation.

FRANK M. ROSS' FIRST PHILADELPHIA STORE.
In the Uptown District. Girard Avenue near Second Street.

WINDOW DISPLAY AT THE FRANK M. ROSS' SOUTH SIXTIETH STREET STORE, PHILADELPHIA, PA.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Frank M. Ross, Philadelphia, Pa.

AN ENTERPRISING RETAILER.

In these days of over supply, when those whose business it is to keep the market cleaned up are working overtime to devise ways and means to do it, such a man as Frank M. Ross, Philadelphia, Pa., who has three large stores in residence districts of that city is a welcome visitor on the market. His purchases are always large, that is, if the prices are favorable, and to please him they must be low—yes, very low, as he has the name of being the closest buyer in the business. He gets all the advantage that there is to be had by paying cash; nothing is ever charged, the cash being always forthcoming. A thousand lot of any one flower is the rule, while two or three thousand, or the whole shipment when it comes to roses, is a common occurrence. He knows the market as well as any man and much better than many of the trade. He inspects each lot of flowers personally, doing all the buying himself, then loads it into his car and has it on sale in a very short time.

Mr. Ross started in business about 21 years ago in the uptown district near Second street and Girard avenue, where he had varying success, but did not commence to branch out until he adopted the cash system about seven years ago, and at that time closed out all book accounts. When on a strictly cash basis there was noted a visible increase in the volume of trade, caused mostly by the low prices which were made possible by the "cash only" feature.

After doing business on this basis for two years he purchased the property located at No. 13 S. Sixtieth street, in the business center of the fast growing new residence district of West Philadelphia, miles away from his first store. Here he had a store and residence, and quickly established a large and lucrative business. Two years later he purchased property adjoining his first store and erected a splendid single story building, especially fitted for his rapidly growing trade. With its two large bulk windows it is one of the finest stores of the neighborhood in any line.

His policy of low prices "for cash only," met with the approval of the public, and his business rapidly increasing, he looked around for another opening and finally purchased the Century Flower Shop No. 2, at 136 S. Fifty-second street, from H. H. Battles, who had been conducting at that location a low priced cut flower store, something on the Ross idea. The real estate was included in the purchase. After spending several thousand dollars altering the property to suit his purpose, the "cash only" feature is found to be a drawing card, the business being very satisfactory.

Aside from the cash feature and the low prices, Mr. Ross's strong card is stock. There are no flowers in the market, with the possible exception of orchids, that he does not carry in quantity. In each store are large show refrigerators which are at all times filled with the flowers of the season. Roses are seen in these boxes, a thousand at a time, carnations the same. A thousand chrysanthemums at a time are purchased for the three stores. Each pot or vase holding flowers has a price per dozen tag, showing prominently the prices they are sold at for that day. Plants are largely handled, each one with a conspicuous price tag, and all at prices calculated to move them quickly. Special sales are features of week ends, at which prices of plants rule at times very low, sometimes being marked at or below cost, the profit being sacrificed to have its effect as an advertisement. A large volume of business with a small profit appears to be the Ross idea.

Mr. Ross is a large advertiser, mostly by distributed circulars or illustrated sheets enclosed in envelopes. These are attractively gotten up with showy headlines and cuts of plants and flowers, all bearing the very low prices at which they may be had at his various stores.

His windows are always very attractive, reflecting the stock in the store; plants or jars of flowers with prices, standing not too crowded, so that each separate article has an opportunity to show its worth. Brilliant illumination is a feature of the Ross store, he believing that plenty of light pays. He makes much of holidays, Christmas and Easter being very busy times. Wreaths for this demand are prepared by the thousand, mag-

nolia leaves, box, statice, ruscus, immortelles, Japanese chenille, etc., are used largely, a force of girls being engaged weeks ahead in working up the stock.

Mr. Ross is a great economist and knows to a penny what everything costs when finished. The foundation of his success is the buying, not only in cut flowers, but in plants, supplies and requisites. He is never satisfied with anything but the lowest figures on a spot cash basis. In addition to his low prices he gives a check with every purchase, showing the amount, ten per cent of which is exchangeable at any time for plants or cut flowers, or in fact, stock of any kind. Light Ford delivery cars are a factor in increasing the scope of his business.

Taking his business, as now established, it certainly is an object lesson in what can be done by push and energy, and a concentration of the essentials of buying and selling. K.

St. Patrick's Day.

Just a bit of sentiment is "Paddy's day." Everybody likes Pat; he is always welcome with his bright Irish wit, so when his Patron Saint's day comes around, we get together and help him celebrate.

This is one of the anniversary days of the year that gives the florist a chance to show his skill in bringing out something new in commemorating the event. From an advertising standpoint, it is entitled to much more attention than it generally receives. As a matter of business, it will pay in the attention it attracts, and in the actual amount of sales entirely due to the display, and the attractive way in which the trade is worked up. There is quite a little detail to be thought out if all that is recognized as belonging to the day is to be included in the stock. There are clay pipes, large and small, shamrock and Irish flags, a good sized harp, which should be fitted with electric lights, a lot of small harps that can be sold, small Paddy's 'barrows, small hods, high hats, shillalahs, snakes, and a lot of nice potatoes, and last, but not least, a good supply of growing shamrock in various sized pots from one inch upwards, and shamrock shaped pans. There should also be included some sheet music of popular Irish songs, including Tipperary.

One of the most attractive, and withall salable articles, was introduced by Pennock Bros., Philadelphia, Pa., several years ago. It is a small wooden harp, gilded, with a birch bark border at the base that holds a pot of shamrocks. A window full of these made a great hit. Another special is a miniature wheelbarrow in which a small shamrock may be planted. The high hats are large enough to hold a small shamrock, and are quite effective. The clay pipes, a bit smudgy and with the stem broken off about as Pat would use it, and the bowl filled with a miniature shamrock, and the stem tied with a small green ribbon bow, is worthy of a place.

One of the least expensive, and at the same time most effective creations, is made of a fair-sized potato and a miniature pot of shamrock. Gouge out a hole sufficiently large to admit snugly a one-inch shamrock, pot and all; push it down flush with the surface of the potato, tie with a bow of green ribbon, and you have an article that readily sells for from 50 cents to $1.00, particularly if put into a nice box, tied with green ribbon, a pipe and Irish flag or other decoration, fastened in with the ribbon to make it more effective.

Wrap the shamrock pots that are sold separately with green crepe paper and narrow ribbon; they are much more attractive when so decorated. The shamrock shaped pots from six to eight inches across, are used by many as a table decoration in place of the fernery for small dinners, and several are used for a more pretentious affair. Many private "Paddy's day" dinners, some of them quite important, are given all over the land in every community. Very pretty and effective decorations may be made of the materials at hand as described above. Green chiffon bands about six inches wide, used single or double to get color effect, can be pinned to the cloth inside the plate line and tufted at intervals. The effect is good and does not interfere with the placing of any of the dishes or other furnishings. Brief, but attractively worded cards, should call the attention of customers to the day, and your efforts to supply them with all the necessary things for its celebration in a floral way. These should go out well in advance, as it may suggest an observance that will include something from your stock. There is no question that if thought and attention are given to this work, quite a trade can be worked up, which will increase with each repetition of the event, and be felt in all the other departments of the business. K.

Greening Cut Flowers.

ED. AMERICAN FLORIST:

Please advise me of the best way to dye carnations and other flowers green. J. C. I.

Success with this artificial coloring is best secured by dissolving the green dye powder in boiling hot water, about one quart of water to each package of dye. This makes a stock solution, which should be kept bottled up and is enough to color several quarts of water. White carnations should be fresh and take the color best immediately after removal from the plants, before they have been put in water. Flowers picked during bright sunny weather, when all conditions are most favorable to rapid growth, will absorb color faster and better than others. Those picked in the morning are practically dormant, while those picked in the afternoon have been forced into activity by the sun, and are in a better condition to absorb the coloring. In a warm, dry temperature, more moisture naturally evaporates from the flowers, and therefore the solution is drawn up faster and the flowers color more rapidly.

Cut the stems on an angle, and place the stems in the dye solution, the flowers absorbing the coloring through the stems. Two to three hours in the dye solution is generally sufficient to give them the desired color. The stems should then be washed thoroughly and the flowers placed in jars of clean water. They are then ready for sale. All other white flowers, such as roses and lilies, can be greened as easily as the carnation; in fact yellow tulips, daffodils and other like flowers present very odd features when treated in this way. Care should be taken not to leave the flowers in the solution too long, as too much color appears to shorten the life of the bloom. Dipping the blooms into green dye or holding them in the fumes of ammonia has been tried by some florists, but the results have not been very satisfactory. K.

ROCHESTER, N. Y.—Damage to the amount of $350, caused by an overheated pipe, was sustained March 1 at the greenhouse of Herman Diesel, in Winton road.

EASTER BASKET BY SMYTH, CHICAGO.

Lily of the Valley and Asparagus Plumosus Nanus

PLANT NOTES.

Geraniums.

At the approach of spring the geraniums and other bedding stock will make rapid growth and from those which are large enough a top cutting may be taken now. While these cuttings will not make good-sized plants for bedding out, yet they can be grown on for stock plants for another year. It is time now to take account of the stock on hand and look over the amount that has been required in the past, and if it is found that there will be a probable shortage of any varieties procure them at once. They can be obtained at this time, either small plants or rooted cuttings, at low prices. Many growers lose every year by putting off their buying too late when the prices have advanced to such a figure that there is no profit in handling them. It is seldom that one who has much bedding to do, has geraniums enough, especially of S. A. Nutt or Alphonse Ricard, and this is the time to procure the stock, and if a grower has any room to spare it is good business to stock up with these varieties, for there is a guaranteed sale for all well grown plants in May. The plants that are now in 3-inch pots will require going over often and spacing out, that well-grown stocky plants may be had. If crowded now, tall, weak, spindly plants are too often the result, and when grown in this way are not fit to make a good showing in the bed when planted.

Sweet Peas.

A sowing of sweet peas made in pots late in March which can be transplanted outside as soon as all danger from late frosts is passed, will give a crop of these flowers two or three weeks earlier than the seed sown in the ground. There is generally a time in late June and early July that the sweet peas in the greenhouse come very poor, owing to the excessive heat under glass and the infection of red spider, and the early sowings outside are not yet in flower. Five or six seeds sown in a 3-inch pot and these placed on the sill or window ledge or on a hanging shelf will make nice stock for planting out after the middle of April and the advantage of those started in the greenhouse over the ones sown in the cold ground will be quickly seen upon trial. Thev can be grown so that they will take but little valuable room under glass and the extra expense of this and the labor in transplanting them will be more than recompensed by having fine flowers at a time when most of the stock is in poor condition.

The plants that are growing inside will require considerable attention as the sun increases in power; the growth is very rapid and the vines must be kept erect or crooked flower stems will be the result. They should be gone over every day, and where the growing shoots are getting away from the supports they should be fastened to them.

Bedding Plants.

The plants for bedding out in the spring will take not only much of the plantsman's time, but will keep demanding more room, for the growth from now on will be rapid and unless constantly watched and cared for the plants will quickly get crowded and much of the stock injured. The final shift of the geraniums in the northern section of the country may be delayed until the first of April, but the plants should not be allowed to get badly potbound, and they should be given plenty of growing room. The propagating bed should be full of cuttings of the more rapid growing plants and the seedlings will have to be potted as soon as of proper size. The cannas and other bulbs that have been started should be potted and given good location for growing on. Now is the time to take account of stock and see of what kinds there is going to be a shortage and of what there will probably be an over supply and obtain the first and dispose of the second. This is the time to buy, for the stocks are large and shipments can be guaranteed, and the prices are low compared to what they will be a month hence. The amount of stock that annually goes to waste is large and a little foresight will prevent much of it. Every summer some growers throw away thousands of plants that have cost much in labor and should have made returns. Auction sales in some sections are the means of disposing of much of this stock, but this is generally at low prices. This stock can most all of it be disposed of by a little judicious advertising and letting the other fellows know where it can be obtained. An attendant at any plant sale in early spring will find many growers looking for all kinds of stock. It is often quite difficult to know just how much of each kind of bedding stock is wanted, but as soon as an over supply is noted let the other growers know where they can obtain it, and place a price on it that will guarantee a sale. It is much better to move it at some price than to throw it away. The wide-awake, up-to-date growers clean up their stock every year.

EASTER BASKET BY O. J. FRIEDMAN, CHICAGO.
Wall Flowers, Pansies, Lupines, Hyacinths, Asparagus Plumosus and Mexican Ivy.

Cyclamens

The plants of cyclamen grown from seed sown last fall will now be nice, stocky little plants if properly grown and should be large enough to transplant to 2½ or 3-inch pots. The soil should be live fibrous loam with about one-third leaf mold, and in mixing a liberal sprinkling of sand should be included. In potting, the small bulb should be so placed that the soil just covers it; many leave the bulb out of the soil, but best results are obtained with the young stock to leave the bulb in the soil. Later after the bulb has grown large and mature, this is not so necessary. The plants should be placed in a cool house and if possible near the glass and where they can have all the ventilation possible. Just as

soon as safe they should be removed to frames outside and plunged in the soil even with the rim of the pot. The cyclamen will not tolerate poor drainage and if anything happens to block the drainage the plant quickly sickens. This sometimes happens where the pots are sunk in the soil and is often caused by angle worms. Where these are seen or the appearance of lumps on the top of the soil denotes their presence, they should be removed at once. In the final potting, be sure and place plenty of crocks in the bottom of the pot.

Salvias.

There are few more popular plants for bedding purposes than the salvia and when properly grown they are a great ornament to a garden either as beds by themselves or as an edging for cannas or other tall plants, the dwarf varieties being especially adapted for this purpose. To make a showing in mid-summer the plants should be started early either by cuttings or seeds so that the plants at this time should be large enough for a 3-inch pot and should have been pinched back at least once and beginning to branch. These can be potted into 4-inch pots in April and will be showing bud by the time for planting them outside in June. Such plants of course cannot be sold as cheaply as the late-sown seedlings that are grown closely together, and allowed to run up to a single stem, but it will not take so many of the former plants to fill the same space and the bed will be in flower through the summer and fall while with the latter too often there is no bloom until just before frost, and when the first frosts are early the plants are not in bloom but a few weeks. The early plants are much more satisfactory to the customer and will cost but little more owing to the larger space which they will cover during the season.

Pittsburgh.

COLD WEATHER HOLDS MARKET FIRM.

Pittsburgh has been in the grip of a cold wave for almost a week, but there is still a good supply of flowers to satisfy all. Prices are still good and probably will hold for some time, as it looks as though the cold spell will continue with us, for a while at least. Roses and carnations continue to hold out well, but bulbous stock, with the exception of lilies and daffodils, continues to suffer. Sweet peas and violets are moving very well and realizing fair prices. Our market has been handling some record-breaking quality sweet peas recently, but they are not quite so prominent at the present writing. The retailers are busy stocking up with Easter plants. Thus far there have been some exceptionally good azaleas shown by local dealers. The seed trade is very brisk and Beckert's Seed Store reports a rushing business. The windows of their handsome building contain "something different" nearly every day.

CLUB MEETING.

The meeting of the Pittsburgh Florists' Club was held in the Fort Pitt hotel, Tuesday, March 2. The feature of the evening was a very instructive and interesting trip through Germany, via lantern slides, illustrated by Dr. Emil Krapf. He also showed us some colored photographs on the screen, showing grapes, peaches, etc., which could not have been improved upon, they were so perfect. We also had quite a collection of plants and flowers, the chief exhibitor being Carl Becherer, who showed some very fine novelties in cyclamens, hyacinths and double tulips. His new carnation, H. P. Joslin, and some select sprays of Oblongata perfecti were also fine. John Jones, of Schenley Park, showed a nice collection of hyacinths, and special mention might be given La Victorie, which he prized most of all. His tulips, especially Prince of Austria, were also very good. It was impressed upon the minds of all present that they were not grown with the aid of tobacco stems, and condemned the "blamed things," as he called them, whereafter a heated discussion as to the merits of its use ensued. John Tyler was there with some novel blooms of cypripediums, along with some strains of dendrobium. President McCallum announced that at the April meeting (to be held April 6), there will be an exhibition of the newer varieties of roses; also short lectures by three doctors of science from our university. A very interesting and largely attended meeting was adjourned at 10:30 p. m.

NOTES.

Gidas & Pyros opened their new Oakland store, Saturday, March 6. They have doubled the space they formerly had, and are much better able to display their flowers advantageously. They report trade as increasing week by week.

Jake Gerwig, our crack tenpin bowler, expects to leave us for a few days soon to attend the American bowling congress at Joliet, Ill. Pretty soft for Jake!

A 14-pound baby boy arrived at the residence of G. P. Weaklen on Tuesday, February 26.

Visitors: S. A. Anderson and wife of Buffalo, N. Y. M.

Newport, R. I.

A visit to the Jurgens greenhouses to learn if the report that they were going to build was true, gained the information that they would not build this year, but expected to next. The writer was shown through this establishment by Foreman Sergerson, which disclosed the fact that about an acre of glass is devoted to growing narsissi, principally of the varieties Watkins and Victoria. Some poeticus, Paper Whites, tulips and hyacinths were to be seen here and there. The lily of the valley section was a revelation; it showed a batch of fine stock about ready to cut, measuring 16 to 18 inches in length. It is easily seen that the output from this place must be something enormous, as range after range of glass is filled with bulbous stock. Then comes the rose department of several houses, in which are grown American Beauty roses, which are now just being started. The stock is two years old. This place seems to be confined to four things, American Beauty roses, lily of the valley and two varieties of narcissi, Watkins and Victoria. J. J. B.

Cleveland.

SUPPLY EXCEEDS DEMAND.

Style show week began Monday, March 8, and quantities of southern smilax and various colored beech and oak sprays were used for decorations. The supply of stock has been more than equal to the demand in nearly all lines, with the possible exception of American Beauty roses, local crops being off at present. Carnations, sweet peas, violets, lily of the valley and bulbous stock are in good supply. Easter lilies and callas are also quite plentiful. There is nothing the retailer cannot get now, both in variety and quality. Snapdragons, forget-me-nots, mignonette, freesias, calendulas, daisies, etc., are daily offerings. There are numerous requests for donations for benefits for war sufferers in Europe by the various philanthropic societies. Greens of all kinds are abundant.

NOTES.

Cleveland's chrysanthemum show—November, 1915. At a joint meeting of the executive committees of the Cleve-

EASTER BASKET BY GEO. M. STUMPP, NEW YORK.
Genistas.

land Florist Club and the Ohio Horticultural Society, held last week to consider plans for the big flower show for November, the following as show executive committee were selected: S. Prentiss Baldwin, chairman; Frank A. Friedley, secretary; John Boddy, treasurer; Herman P. Knoble, show manager; Mrs. L. Doan Holden, Mrs. John E. Newell, Mrs. A. S. Ingall. The work in connection with the coming show is to be divided among the many members of the florists' club as the following appointments will indicate: Geo. Bate, chairman publicity committee; F. C. W. Brown, chairman decoration committee; Herbert Bate, chairman premium list committee; Geo. W. Smith, chairman entertainment committee; Timothy Smith, chairman admission committee; C. E. Russell, chairman retail display committee; H. P. Merrick, chairman trade display committee; Frank A. Friedley, chairman exhibition committee. Each chairman will have from three to seven members to form his own committee. There will be an early meeting of each committee to lay out the work that must be accomplished to make this the largest flower show ever held in this locality. Under these notes will appear from time to time such information as will be useful and interesting to both exhibitors and florists in general.

Mrs. Chas. Kirchner has been ill for some time. C. F. B.

Washington.

SUPPLY EXCEEDS THE DEMAND.

Business, which was good the early part of the month, has taken a slump, with the result that stock of all kinds is more than plentiful. Roses of all kinds can be had at prices ranging from $3 to $15 per hundred, with carnations in fancy grades quoted at from $2 to $4. Sweet peas glut the market and are offered from $3 up to $10 per thousands, Spencers bringing the top prices. Other prices quoted are: Violets, $3.50 per 1,000; gardenias, $1.50 to $2 per dozen; Easter lilies, $6 to $12 per 100; jonquils and tulips, $1.50 to $3 per 100.

NOTES.

At the meeting of the florists' club, March 2, all of the officers of the past year were re-elected without opposition. A. Gude, A. Baur, Fred Kramer, H. Lewis and W. Marche were appointed a committee to arrange for the next banquet. After the meeting adjourned the members present were the guests of President Cooke.

S. S. Pennock-Meehan Co. are showing a splendid light pink carnation which is being grown for them by Wm. Sugwart.

George H. Cooke, who has been laid up with a severe case of the grippe, is at present on the mend.

Visitors: J. Gandy, M. Rosnosky and S. S. Skidelsky, Philadelphia, Pa.

Providence, R. I.

PRICES FALL WITH HEAVY SUPPLY.

The warm weather we have been having lately has been bringing out all kinds of stock, and making the prices go way down. Daffodils are still very plentiful. Violets are still coming very good, as are sweet peas just now. Carnations are still fine, with a good many seconds in between. Roses of all kinds are fine. Yellow Marguerites are of good stem, and calla and Easter lilies are of A-1 quality. Business is still very quiet, with a slight increase in the cut-flower trade. Things move slowly and it takes quite a little extra energy to make things move at the top speed.

The Quality Flower Store, of Pawtucket, R. I., has purchased a new delivery car that makes a fine show.

Johnson Brothers are opening an annex in the Barnaby building on Westminster street for the Easter trade.

George T. McCullough, of East Providence, was married last week and went to New York on his honeymoon.

A. Lamont is now with Cushing, of Quidnick, as a rose grower.

H. A. T.

EASTER BASKET BY MAX SCHLING, NEW YORK.

French Pink Hydrangea.

Minneapolis Florists' Club.

The regular meeting of the Minneapolis Florists' Club was held at Rice Bros.' store, Tuesday, March 2, with a very good attendance, and those present seemed to show more interest in the club than usual. It seems that some of the older members, who formerly did not answer to roll call more than four or five times a year, are on hand at every meeting lately. We are now making preparations for a fall flower show, and at present have a committee at work on arrangements. The local florists are all in favor of a show at that time, and there is no lack of co-operation, and it is hoped to make the event one of the best of its kind that this city ever had. The committee on dues has been active of late in reminding some of the delinquents of their shortcomings, and as a little reminder, C. Rice, one of the committee, sent a little note that brought several of the old members to the meeting that had been missing for six months. The St. Valentine's day advertising in the daily press brought good results and the florists generally were well satisfied with the day, which is becoming a second Christmas with the florists in this city.

WM. VASATKA, Sec'y.

Minneapolis, Minn.

The supply of bulbous stock on the market at the present time is most plentiful. Everybody seems to be more than well supplied and the stock is fine. Other stock is also plentiful. Prices on daffodils, jonquils and tulips range from one to two cents each. Carnations of the better grade are quoted at three cents and roses are offered from four cents to eight cents.

Donaldson's offered two cut flower specials for a Saturday sale, March 6, advertising violets, fresh home grown stock at 12½ cents per bunch of 25 and jonquils and tulips at 12 cents per dozen. Sixty thousand violets were sold during the day and over 15,000 of the last named flowers were disposed of.

Visitors: John Bubach, representing the McCallum Co., Pittsburgh, Pa.; R. Gruep, of Ottolander & Hooftman, Boskoop, Holland.

T. C. R.

The Late William M. Mills.

William M. Mills, of Philadelphia, Pa., died March 5. He was in his sixty-ninth year. Deceased was a brother of Mark Mills, of the W. K. Harris firm and had been a most faithful employe at this place for 35 years. He was of a most cheerful disposition and well known to the trade. His funeral was held from the residence of his brother, Monday, March 8. There were many beautiful sprays of flowers from his friends in the trade.

K.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE supply of sphagnum moss of florists' grade is well reduced in the west.

THE Spring Number will be issued next week with seasonable articles and illustrations of unusual interest.

ROBERT FULTON, well known representative of Henry & Lee, New York, who passed through the city recently, says John Morley, superintendent, has made a fine thing of the San Diego exposition, horticulturally.

Convention Garden Wirth.

Theodore Wirth, superintendent of Minneapolis parks and originator of the convention garden, whose name was inadvertently omitted from the list of those in attendance, took a prominent part in the executive committee meeting of the Society of American Florists, and other functions, at Chicago last week, as past president of the national society and ex-officio member of the board of directors.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objections have been filed the following registrations become complete:

Salvia Red Cross, by the Swiss Floral Co., East Seventh and Hancock streets, Portland, Ore.

Sport of Carnation Benora, by Richard E. Loeben, Gloversville, N. Y.

JOHN YOUNG, Sec'y.

February 6, 1915.

American Rose Society.

The American Rose Society's annual meeting will be held in Horticultural hall, Boston, Mass., March 18-21. The exhibition of roses will be fine from present advices, and it is hoped that all members of the society will take particular interest in this exhibition. It is expected that the governor of Massachusetts and the mayor of the city of Boston will visit the exhibition. There are several matters of much interest to rose growers which will be brought up at the annual business meeting, which will be called March 18, at 3 p. m. The election of officers, the selection of the next meeting place, rose test gardens, grading roses for market, affiliation of local society, etc., will be in order.

BENJAMIN HAMMOND, Sec'y.

American Gladiolus Society.

The preliminary schedule of the fifth annual exhibition of the American Gladiolus Society, to be held at the Casino, Newport, R. I., August 18-19, 1915, under the auspices of the Newport Garden Association and the Newport Horticultural Society, has been issued, and copies may be had by addressing H. Youell, secretary, 538 Cedar street, Syracuse, N. Y. The list of prizes is attractive and includes gold, silver and bronze medals, silver cups, and liberal cash awards. In the open class the schedule includes 33 divisions, and in the amateur and private gardeners' classes there are 45 divisions in which awards will be made. The exhibition committee of the American Gladiolus Society are desirous of making this the largest and best show in the history of the society, and all growers, amateur and professional alike, are earnestly requested to take part.

Quassiin a Cheap Insecticide.

EFFECTIVE SPRAY AT LOW PRICE.

Attention is called in a recent bulletin (No. 165) of the United States department of agriculture to the possibilities of quassiin as a contact insecticide. There is reason to believe, says this bulletin, that quassiin can be cheaply prepared and possibly sold at a lower price than some of the materials now used in commercial insecticides. The only experiments, however, that have been made up to the present were conducted at Sacramento, Calif., and it is possible that in a more humid climate quassiin would not be so satisfactory. Quassiin is the active principle in quassia wood, which is found in considerable quantities in Jamaica. Quassia chips have been employed for many years in the preparation of spray solutions for the control of the hop aphis. The percentage of quassiin in these chips varies somewhat, but it has been stated to be 75 per cent by one author. If this is correct, the bulletins says, it would take only one and one-half pounds of the chips to 100 gallons of spray to make an effective insecticide; three pounds or double this quantity, would certainly be sufficient; and with three pounds of whale-oil soap at four cents a pound would make the total cost of materials for 100 gallons of spray only 24 cents.

In investigating the efficiency of the quassiin spray, the author of the bulletin compared it with a standard insecticide known as nicotine sulphate, a tobacco product. The quassiin he believes to be equally effective.

Catalogues Received.

S. S. Skidelsky & Co., Philadelphia, Pa., seeds, plants and bulbs; J. Bolgiano & Son, Baltimore, Md., seed potatoes; Moore Seed Co., Philadelphia, Pa., seeds; The J. Chas. McCullough Seed Co., Cincinnati, O., seeds; John A. Bruce & Co., Hamilton, Canada, seeds and plants; J. F. Noll & Co., Inc., Newark, N. J., seeds, plants and bulbs; Peter Henderson & Co., New York, grass seeds; Bertrand H. Farr, Wyomissing, Pa., hardy plants; Charles D. Ball, Holmesburg, Philadelphia, Pa., palms and decorative plants; Peacock Dahlia Farms, Berlin, N. J., dahlias; Henry F. Michell Co., Philadelphia, Pa., specialties for florists; William Tricker, Arlington, N. J., water lilies and water garden plants; The Conard & Jones Co., West Grove, Pa., cannas, roses and shrubs; Rockmont Nursery, Boulder, Colo., nursery stock; The Capital Nursery, Denver, Colo., trees, shrubs, roses and perennials; The D. Hill Nursery Co., Dundee, Ill., evergreens; The Wagner Park Nursery Co., Sidney, O., trees, shrubs, and hardy plants, garden furniture and "Plans and Planting"; Fancher Creek Nurseries, Inc., Fresno, Calif., "Roeding's Practical Planters' Guide"; W. Atlee Burpee & Co., Philadelphia, Pa., "Burpee's War Bulletin."

Kelway & Son, Langport, Somerset, Eng., seeds; V. Lemoine & Son, Nancy, France, seeds and plants; E. Neuberg, Wandsbek bei Hamburg, Germany, novelties, ferns, bulbs, etc.; H. Andersen, Mejlby Planteskole pr Hjortshej St. ved Aarhus, Denmark; Kurt Engelhardt, Leuben-Dresden, Germany, dahlias.

Miami Valley Landscape Exposition.

According to the Dayton Daily News, there is not another city in the world where so many men, women and children have the knowledge of landscape gardening that the people of that city have. The first annual floral and landscape gardening exposition of the Miami Valley, March 1-6, was arranged to further the interest in the planting of flowers, trees and a general "city beautiful" movement, the city welfare department and the playgrounds and garden associations lending their cooperation.

Panama-Pacific Exposition Notes.

Special features, with bright weather, form a magnet that cannot be resisted, and the attendance has already reached the million mark.

The floricultural display, which will be a feature of the exposition at all times, is being enhanced in beauty daily with the arrival of additional displays.

Large numbers of tourists left Chicago for the exposition city, March 1, taking advantage of the inauguration of the reduced rates on that date.

Club Meetings Next Week.

Detroit, Mich., March 15, 8 p. m.—Detroit Florists' Club, Bemb Floral hall, 153 Bates street. R. H. Wells, secretary, 827 Canfield avenue, Detroit.

Montreal, Que., March 15, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette street, Montreal.

Boston, Mass., March 16, 8 p. m.—Gardeners' and Florists' Club of Boston, Horticultural hall. W. N. Craig, secretary, Faulkner Farm, Brookline, Mass.

Lake Geneva, Wis., March 16, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Wm. H. Griffiths, secretary, Lake Geneva.

Toronto, Ont., March 16, 8 p. m.—Gardeners and Florists of Ontario, St. George's hall, Elm street. Geo. Douglas, secretary, 189 Merton street, Toronto.

Chicago, March 18, 8 p. m.—Cook County Florists' Association, Tavern, West Washington street. A. T. Pyfer, secretary, 30 East Randolph street, Chicago.

Newark, N. J., March 18, 8 p. m.—Essex County Florists' Club, Kreuger Auditorium, 25 Belmont avenue. John Crossley, secretary, 37 Belleville avenue, Newark.

New Orleans, La., March 18, 8 p. m.—New Orleans Horticultural Society, Association of Commerce building, corner St. Charles and Common streets. C. R. Panter, secretary, 2320 Calhoun street, New Orleans.

Tacoma, Wash., March 18, 8 p. m.—Tacoma Florists' Association, Maccabee hall, Eleventh and C streets. F. H. Atchison, secretary, South Fiftieth and East F street, Tacoma.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As working foreman by all around florist: life experience. Married. Address Key 485, care American Florist.

Situation Wanted—By young man, as designer and storeman; west preferred. Address Key 492, care American Florist.

Situation Wanted—As gardener of private place or large institution; married; life experience; best of references. Address Key 491, care American Florist.

Situation Wanted—By German, sober, reliable, life experience, able to produce results; bedding, pot plants, cut flowers, propagator, etc. Address Key 482, care American Florist.

Situation Wanted—Work in greenhouse by a young Dane, seven years' experience, can do all kinds of floral design work. References furnished. A. MENGEL, 66 High St., Oshkosh, Wis.

Situation Wanted—By gardener on private place; age 29, married; 16 years' experience; European and U. S. references. Address GARDENER, 2103 Blue Island Ave., Chicago.

Situation Wanted—Good all around storeman, strictly honest, sober and reliable 21 years of age, desires to locate with some large retail florist; can come March 10. When writing state wages. Address Key 486, care American Florist.

Situation Wanted—By landscape architect, designer, practical man, able to take charge and do first-class work. Experienced in nursery and florist business, etc. Address Key 481, care American Florist.

Situation Wanted—April 1st, by an Eastern man as gardener on a private place. 15 years' experience on private and commercial places. Competent to take charge and lay out work. References. Address Key 493, care American Florist.

Situation Wanted—Foreman's position wanted by first-class grower of roses, carnations, 'mums and all kinds of pot plants, 30 years' practical experience. Large place preferred. Fair pay expected. Address GODFREY, Box 248, Youngstown, Ohio.

Situation Wanted—As superintendent or head gardener; age 33, married, no children; thoroughly competent to take charge of greenhouses, vegetable gardens, choice fruits, lawns, etc. Address RUDOLPH VON DER RUHR, 6 Crown St., Webster, Mass.

Situation Wanted—By a German, age 40, as manager or foreman, 20 years practical experience in growing the finest carnations and roses, good potted stuff; quick hard worker. Can show more than I can say, so give me a show. Good references. Key 493, care American Florist.

Situation Wanted—By a German rose grower; have had 20 years experience in growing roses in this country and abroad; expert on all commercial roses. State all particulars and salary in first letter. Address Key 494, care American Florist.

Situation Wanted—Gardener or assistant on private place: single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY, N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience. OSCAR WERNER, 605 Main St., Petaluma, Calif.

Situation Wanted—As head gardener, florist, superintendent of private place; English, age 36, married, one child, age 9; life experience in all branches; hothouse grapes, peaches, melons, 'mums, carnations, roses, palms etc., vegetables, hardy fruits, perennials, trained fruit trees, and the general routine of a well kept place; 24 years on best estates; long references from this country and England. Please state wages in first letter. Address Key 476, care American Florist.

Help Wanted—Young man who understands thoroughly retail seed business; also knows principles of landscape gardening. State experience, age and wages expected. L. MCALEER, 1022 Messanie St., St. Joseph, Mo.

Help Wanted—Florist wanted, must be experienced and with best written references. Apply at C. C. TREPEL, Florist, Care of Bloomingdale Bros., 59th St. and 3rd Ave., New York City.

For Sale—Will sell at reasonable price, five greenhouses, well stocked; dwelling house, garage and barn. For further information inquire of MILES MEIDAM, 1362 Carver St., Appleton, Wis.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

For Rent—Desirable location or retail florist Lease expiring soon. Apply T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

LAND BARGAIN.

Fine lot, 82½ x 250 feet, splendidly located on Rock Island Railroad, near Walden station in Chicago. Ideal location for florist; excellent soil, plenty of city water and additional land adjoining if desired. Train every half hour and every other convenience that a greenhouse man may need. Can be bought dirt cheap at terms suitable to the purchaser. For further particulars address

F. W. PORTER.
Room 330, 175 West Jackson Blvd., Chicago

Situation Wanted

CARNATION GROWER

One capable of taking charge of a large place. Can furnish best of reference as to ability and character.

HARRY NICHOLSON,
1529 Fifth Street, Rockford, Ill.

A1 ROSE GROWER

Wants position as foreman. Expert on American Beauty and all other commercial roses. Can furnish A1 references as to ability and character. Address,

Key 487, care American Florist.

Catalogue Man Wanted.

By an old and well established Seed House. A man with experience in Seed and Plant Catalogue work, also able to write good copy for advertisements, etc. Give your experience in detail; your age, married or single and state if now engaged. Address

Key 495, care American Florist.

FOR SALE.

MAIL ORDER SEED BUSINESS.

Mail order Seed Business of Thirty Years Establishment. An unusual opportunity to secure a real money making seed business at a bargain. Annual patronage consists of 200,000 customers. It will pay one interested in this line of business to investigate. Good reasons for selling. Correspondence solicited. If interested can be shown actual results received daily at this time. Address, Key 488, care American Florist.

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440 S. Dearborn St., CHICAGO.

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OF THE

UNITED STATES AND CANADA.

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Mrs. Cuthbertson. Standard rose pink, wings white	.30	1.00	4.00
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Lovely. Soft shell pink	.10	.25	.90
Prima Donna. Soft pink	.10	.25	.85
LAVENDER			
Frank Dolby. Largest and finest pale blue	.15	.45	1.50
Flora Norton. A very bright blue	.10	.25	.90
Lady Grisel Hamilton. Lavender	.10	.25	.80

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Buffalo.

STOCK IN GOOD SUPPLY AND QUALITY.

Florists' stores and windows at present are very attractive places. In snow or wind storms a visit to the florist is as good as being transplanted to the land of tulips, daffodils, hyacinths, lilies and all spring flowers, which help to make blustering March more pleasant to Buffalonians. Roses of all kinds are plentiful, carnations are equal to all demands, all bulbous stock is in profusion, and by the way it is coming in, unless the supply is unlimited or it is held back, there may be a scarcity at Easter. Violets are plentiful and Saturday sees the usual sign at prices from 25 cents to 40 cents the bunch, with no delivery, which certainly helps to force trade. Lily of the valley, freesias and myosotis are good. Orchid sweet peas grown by Jerry Brookins & Son of Orchard Park, N. Y., are of the best. Lent, as usual, limits business, and the up-to-date man seeks new avenues of business. Very commendable signs have been seen on store windows, one reading, "A discount of 10 per cent on all cut flowers after 5 p. m., if taken with you." Another one reads, "Four O'Clock Box of Flowers, 50 cents, which is a big lot of good flowers for the price." Again we say a bargain, if a good one, is the best advertisement. A visit last week to some of the greenhouses shows activity on the part of all preparing for Easter. Lilies, in some cases, will have to be coaxed to get all in under the most favorable conditions. Azaleas, lilacs, rhododendrons, spireas and all other plants will be good—and plentiful. Ramblers in nearly every place look most promising.

CLUB MEETING.

The annual election of the Buffalo Florists' Club took place Tuesday evening, March 2, with a big attendance. The officers elected are: Robert A. Scott, president; David A. Seymour, vice-president; E. C. Brucker, treasurer; William Legg, secretary; Oliver Klinkenmeyer, financial secretary; Joseph Streit, L. H. Neubeck and W. H. Eiss, trustees. After the election and installation the new president turned the club over to retiring President Eiss, who had arranged a very interesting program. Singers, sleight-of-hand performers, Dutch and Irish comedians, a ventriloquist, and last but not least was a German band, led by Drum Major Bates, of Rochester, and playing "Tipperary" between the initiation of each candidate, who had to go through a special degree for the occasion. Mr. Eiss was ably assisted by "Big Mogul" Neubeck and Jos. Streit, the "German warbler." After the entertainment all were escorted to the banquet room by the drum major and band, which played "Der Wacht Am Rhine," ending a very pleasant evening for all and inspiring the new officers to try and outdo their predecessors.

Friday, March 5, was the day set down by the Rochester Florists for Buffalo florists to go to that hustling city with their bowling club, and again roll for the Lord & Burnham trophy, which the locals had won twice and lost to Rochester once. A delegation of about 25 journeyed to the "Flower City" and were royally entertained, first by an automobile trip to several of the greenhouses, including Highland Park, then to George Hart's wholesale house, the finest and most up-to-date west of New York, where everything is on sale, from the finest rose or any flower to lemons, grape fruit baskets and last but not least, was a 10-foot snake made by his wire worker, and true to life; at least it looked so, and to some who looked at it and walked away, it must have been some reminder to them. We were then escorted to the Hotel Eggleston, where a dinner was served. At 8 p. m. the bowling started at the Elks' club alleys and Rochester repeated the Buffalo dose, and now the score is 50-50; two games each, the fifth to be rolled in the near future. In the meantime our Buffalo boys will have to get a Glenn Brothers or an Allie Satter stride on them, or they will be relegated to the Vick Keller-Kasting-Anderson "has been" class, and look to them for further matches. Mike Keller is some leader, and age does not impair his voice. Too pleasant a time and too much dinner may have affected the Buffalo bowlers, but it looked very much as if it could not be done again, or our boys were overtrained. However, all had a very pleasant time and are looking forward to the final match, which will be played possibly in Batavia, which is midway between Rochester and Buffalo.

BISON.

Milwaukee.

Roses and carnations were somewhat more plentiful during the past week, which enabled the wholesaler to do justice to a great many more orders than in the previous week. Sweet peas, violets and bulbous stock were almost a glut on the market, as they have been coming in in such large quantities. Violets, especially, suffered, owing to the poor weather which has been prevailing, and were sold at exceptionally low figures. Plenty of green to supply the demand.

NOTES.

R. Leitz seems to have been a rather unfortunate man the past week, his wife being ill, and one of his little boys had the misfortune to fall and break his arm.

Gust. Rusch & Co. are receiving fine roses from the Cudahy Floral Co., which find ready sale. This firm reports business good.

A. Klokner has rented a store in the new building at Fifth and Grand avenue, and will be located next door to the Stand theatre.

Holton & Hunkel Co. reports business good, and expects to have a fine lot of plants for Easter trade.

Maggie Edlefsen & Co. have purchased a new auto, which they intend using for delivery purposes.

Mrs. L. Nelson has moved into larger and better quarters across the street from her old stand.

John Arnold intends opening a branch store in Schuster's, Garfield avenue and Third street.

Frank Farney and Julius Dilloff called on trade during the past week.

Henry Benz has resigned his position with J. M. Fox & Son. G. R.

Milwaukee Florists' Club.

The club meeting held March 4 was well attended, even though most of the regulars were absent. It was indeed gratifying to hear the report of A. Leidiger, chairman of the press committee, considering that the time was very short, and that only a good round dozen of retailers made contributions for the St. Valentine's display ad., the results were fully up to expectations. Owing to the fact that the total amount subscribed was only fair, the committee only utilized one morning and one evening English paper, and taking all things into consideration the experiment was so satisfactory that no doubt the idea of getting up a substantial fund to be used for display advertising on special occasions during the year will mature in due time.

As soon as the officers of the Wisconsin state board of agriculture are elected and installed, the local club will do all in its power to have a good practical florist assist them in seeing that the floral display at the annual state fair will not only be a credit to the local craft, but also an inducement to make exhibits; politics rather than practicability have played too important a part.

The entertainment committee was instructed to make all arrangements for the annual picnic to be held during the early summer months. Last year, as an experiment, the picnic was held on a week day, denying most of the employes a chance to be present, so we may again go back to Sunday for this affair.

EUG. OESTREICHER, Sec'y.

Edlefsen Litigation.

Milwaukee, Wis., February 28.—A suit has been started in the circuit court by the Edlefsen-Leidiger company against Margaret E. Kroseberg, who has opened a flower shop at 628 Grand avenue, under the name of Maggie Edlefsen, and also against Her-

If You Want Business Go After It.

AMERICAN FLORIST CO., CHICAGO.

GENTLEMEN:—Please discontinue Xmas add. Stock all sold, refused orders for thousands of Cyclamens and other blooming plants.

If you want business go after it.

Lincoln, Neb. C. H. FREY.

THE

SPRING NUMBER

—OF—

THE AMERICAN FLORIST

TO BE ISSUED

Next Week

Just Right for the Easter and Spring Trade

The Best Paid

CIRCULATION

To the Trade in the Trade

Established in 1885

The paper is issued weekly and goes to all important

Florists, Nurserymen and Seedsmen

—IN THE—

United States and Canada

And the Leading Houses Abroad.

The advertising rates are: $1.00 per single column inch, $30.00 per page of 30 inches, with the usual liberal discount on consecutive insertion.

To insure good location and display, advertising copy and cuts should reach us early.

American Florist Co.

440 South Dearborn Street, CHICAGO.

☞ "The Best Selling Medium in the Trade."

EASTER STOCK.

On time and in fine shape Can ship any time and it would be to your advantage, if you have glass, to have stock shipped a week or two before Easter, as there is much less danger of bruising the buds on blooming stock. Then too, it will make a much better appearance developing after shipment.

State whether to be in or out of pots. Four, five and six inch stock, grown in pots, can be shipped in paper pots and save Express. Azaleas, Rhododendrons, large Roses and Hydrangeas must be left in pots.

TERMS—All orders from parties unknown to us must be accompanied by Money Order or Draft. (No personal checks). If you wire an order, wire the money also, as we refuse to ship C. O. D. to unknown parties.

Lilies, Giganteum. Very fine. 10 to 12-in. above pots, 3 to 6 buds, 10c per bud; 12 to 18-in. above pots, 3 to 6 buds, 12c per bud; 20 to 30-in. above pots, 3 to 6 buds, 15c per bud.

Azaleas, all colors, $1 00 to $1 50; can supply in bloom for immediate sales.

Spiraea, Gladstone and Alexandria, 6 and 7-in. pots, 35c to 75c each.

Rhododendrons, all colors, $1 50 to $2 50 each.

Azalea Mollis, yellow, $1 00 each.

Deutzia, Gracilis, a find Easter plant, 50c to 75c each.

Hydrangeas, new French sorts, 6-in. pots, 3 to 6 heads, 50c to $1 00 each.

Roses, Jessie, Teschendorf, Crimson Baby, 4-in., 25c each; 6-in., 60c to $1 00 each.

Roses, Tea, 4-in., 20c each.

Daffs, Von Sion, Emperor, and Bi-Nictoria, 6 and 7-in. pans, 50c to 75c each.

Dutch Hyacinths, all colors, 4-in. pots, 15c each; 6 and 7-in. pans, 60c to 75c each.

Tulips, double, all colors, 4-in. pots, 20c each; 5-in. pans, 35c each; 6-in. pans, 50c each; 7-in. pans, 75c each.

Valley, 5 and 6.in. pans, 50c to 75c each.

Pelargoniums, Easter Greeting, finest one out today, 4-in. pots, 15c each; 5-in. pots, 35c each.

Pelargoniums, named, all colors, 4-in., 20c each; 5-in., 50c each.

Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. Can supply for immediate sale also.

Primula Obconica, fine, 4-in., 15c each; 5-in., 25c each. Can supply for immediate sale also.

Callas, 5 and 6-in., 35c and 50c each.

Carnations, all colors, 4-in., 15c each.

Geraniums, 3 and 4-in., 7c and 10c each.

Ferns, Boston varieties, 4, 5 and 6-in., 15c, 30c and 40c each.

Asparagus, Plumosus, 3, 4 and 5-in , 7c, 15c and 35c each.

Asparagus, Sprengeri, 2½, 3, 4 and 5-in., 4c, 6c, 15c and 35c each.

Table Ferns, 8 sorts, 2 and 2½-in., $4 00 per hundred.

Variegated Vincas, 3 and 4-in , 6 and 10c each.

Araucarias, $1 00 each and up.

Kentias, 5 and 6-in., 75c and $1.00 each.

Phoenix Roebelenii, 8 and 10-inch, $2.00 to $4.00 each.

Rubbers, five and 6-in., 35c to 50c each.

Begonia Luminosa, 4-in., 15c each.

Write us about **Roses** for later delivery. Grafted and own root. Have a large and fine stock.

C. H. FREY, 1133 "O" Street, Lincoln, Nebr.

man C. Kroseberg and the Wisconsin Telephone Company. The Edlefsen-Leidiger company alleges in its complaint that all the interests of William S. A. Edlefsen, the father of Maggie Edlefsen Kroseberg, which he had in the Edlefsen-Leidiger company were purchased by them, and maintain that Maggie Edlefsen Kroseberg has no right to engage in the floral business under the name of Maggie Edlefsen.

The Wisconsin Telephone Company is sued for supplying telephone service to Maggie Edlefsen under the number Grand 2175, constituting unfair competition and infringement on the rights of the Edlefsen-Leidiger company, they charge.—Milwaukee Free Press.

Detroit.

LENTEN BUSINESS UP TO STANDARD.

Mid-Lenten season has brought but little diminution in the call for flowers of all kinds, especially of the bulbous pot plants, an array of which is seen in every florist store. Social functions are not conspicuous for their frequency, but the loss in this respect is more than made up in the increased call due to inspiration that spring time gives to all for flowers. Roses have been quite scarce the past few weeks, but are now becoming more plentiful and correspondingly cheaper. Sweet peas are coming into the market in great quantities and the quality is most excellent, but the surplus drags down the price to a figure far less than the quality should command, and yet the growers acquiesce with admirable complacency. Carnations are much improved in quality, and great numbers of them are coming in, but the intrusion of high grade, long stem, sweet peas and fine snapdragon so early in the season, has made it hard for the divine flower to compete.

NOTES.

Harry A. Bunyard, of New York, gave a lecture on "Summer Flowering Bulbs" at the Hotel Ponchartrain, Friday afternoon, March 5, under the auspices of the Michigan Garden Club. The lecture was illustrated by the stereopticon and was well received. "Harry" called upon his many friends in the trade while here.

E. A. Fetters moved into his new store, corner of Woodward avenue and Clifford street, Saturday, March 6, and although the weather was most disagreeable, he was greeted in his new location by a great number of friends and patrons, and the business of the day was most encouraging.

The Detroit Florist Club will give an "old-fashioned corn cob pipe smoker" in Harmonie hall, Monday evening, March 15. A splendid program is being prepared for the pleasure of all.

Breitmeyers' Park Flower Shop, in the new David Whitney building, near the Hotel Statler, is nearing completion and will soon be occupied and under the personal charge of Harry Breitmeyer.

Robt. Rahaley will attend the spring flower show in New York, and while East will visit Boston and Philadelphia.

Visitors: Edwin Fancourt and R. Hall, Philadelphia, Pa.

J. F. S.

Ft. Wayne, Ind.

COLD WEATHER SHORTENS SUPPLY.

The spring-like weather of the last week of February produced a great quantity of high class blooms, but a week of cold, dark days has cut off the supply of stock to a great extent, although the demand is as great as ever and prices have increased. There are lots of fine bulbous and pot stock on the market, with a good demand. Preparations are being made for Easter, and the florists are all expecting an early spring. The weather has not hurt the quality of the cut stock as much as it has decreased the quantity produced. Roses are in good shape and are eagerly bought up. Carnations are of good size and color, but not over-plentiful. Orchids and lilies are in fine condition, and the great variety of small flowers are coming in good. Lily of the valley is rather scarce. Pansy plants are in and lilacs have appeared within the last few weeks. Freesias are used for corsage work.

NOTES.

At the recent funeral of Henry W. Wellman, a prominent and pioneer citizen of this city, many of the local firms were well represented with floral offerings. Among them were The Flick Floral Co., The Auger Flower Shop, The Bradley Flower Shop, W. J. & M. S. Vesey, and The New Haven Floral Co.

The Flick Floral Co. have the decorations for the spring opening of the large department stores of Wolf and Dessauer, and the Rurode Dry Goods Co. They have also been busy with funeral work, and are showing some fine stock. Their pot lilacs are mammoth.

W. J. Vesey, Jr., has returned from the meeting of the State Florists' Association of Indiana, which was held at Portland, March 2. He reports business as very good, and says his stock cannot meet the heavy demand for flowers during the last few weeks.

Some fine Azalea mollis and pansy plants are being shown at the Bradley Flower Shop. This firm is preparing to move to its new quarters.

H. K.

40,000 FINE LILY PLANTS

In Pots for Easter

INTERIOR VIEW OF ONE OF OUR MANY EASTER LILY HOUSES.

Better Stock Was Never Offered

and the plants are of a fair average height, and range from 14 inches to 24 inches above the pots, bearing from 4 to 12 blooms to each pot. Size of pots 5½ x 6 inches.

Plants having 5 or more flowers to pot, $100 per 1000 buds or blooms

Plants having 3 or 4 blooms to pot, $110 per 1000 buds or blooms

Orders exceeding 1000 blooms will include plants with 3 or 4 flowers to plant.

POEHLMANN BROS. CO.

MORTON GROVE, Phone: Rogers Park 684. ILL.

POEHLMAN

72-74 E. Randolph St.,

Mrs. Chas. Russell, Good Supply of Large Flowers of Fine Quality in All Lengt

Fancy Red, Pink, White Carnation

Tulips, Fancy Pink, Red and Yellow.

Fancy Sweet Peas and Princess of Wales Violets.

Killarney--Killarney Brilliant--Killarney Queen--Milady-Sunburst--Aaron Ward--Cattleyas--Valley--Daffodils--Jonquils.

PRICE LIST—Effective March 15th.

Orchids.	Per Doz.
Cattleyas	$4.00 and $6.00

Beauties.	Per Doz.
Specials	$6.00
36-in. long	$4.00 to 5.00
30-in. long	3.00
24-in. long	2.50
18 to 20-in	2.00
Short per 100,	8.00 to 12.50

Roses.	Per 100
Hadley	$6.00 to $15.00
Shawyer	6.00 to 15.00

Richmond, Milady, Sunburst, Bulgaria, Brilliant, Kill. Queen	Ex. long	$12.00
	Long	$ 8.00 to 10.00
	Medium	6.00
	Short	4.00

Roses—Continued.		Per 100
Killarney, White Kill., Aaron Wards	Ex. long	$10.00
	Long	8 00
	Medium	$5.00 to 6.00
	Short	3.00 to 4.00
Russell—Ex. long, 30 to 36 in.		25.00
" Long		18.00 to 20.00
" Medium		12.00 to 15.00
" Short		4 00 to 10.00

Carnations.	Per 100
Split	$2.00
Medium	3.00
Fancy	4.00

Lily of the Valley.	Per 100
Extra Fancy	$4.00
1st Quality	3.00
2nd Quality	2.00

Miscellaneous.	Per 100
Jonquils and Daffodils	$
Paper Whites	
Sweet Peas	$0.75 to
Freesia	
Tulips, single and double	3.00 to
Easter Lilies	10.00 to 1
Violets, double and single	.50 to
Violets, single, fancy	
Mexican Ivy	
Smilax per doz., $2.00	
Sprengeri-Asparagus	2.00 to
" Long	4.00 to
Asparagus Plumosus, string, 50c.	
Leucothoe	
Adiantum	1.00 to
Galax, bronze and green	per 1000,
Eastern Ferns	" "
Boxwood per bu., 25c,	per case,
Wild Smilax	per case,

SUPPLY DEPARTMENT.

SPECIAL CHIFFON PRICES, 2 inch waterproof, 2 cents per yard; 4 inch plain, 2 cents per yard; 6 inch plain, 3½ cents per yard.

GREEN BAMBOO CANE STAKES

1 foot, per 1000, . . $1.10	2½ feet, per 1000, . . $3.00	3½ feet, per 1000, . . $4.
2 feet, per 1000, . . 2.50	3 feet, per 1000, . . 3.50	4 feet, per 1000, . . 5.

Very slender. Just what you want for Easter plants.

THE HUGHES SHAMROCK BOX

1915 design. "A Bit of Old Ireland." 5½ in. long, 3 in. wide, 3 in. deep. Compartme for two 2 in. Shamrock plants. Irish Landscape Scene—Blarney Castle—on inside cover. Pri $1.80 per dozen; $15.00 per 100. **Boxes with Shamrocks,** $2.40 per dozen; $20.00 per 100.

Green Carnation Powder For St. Patrick's Day

Enough to make two quarts of fluid for 50c per package. Order a sample package now.

MANNA GRASS A product of the Japan Sea that will take the place of sea moss. beautiful natural green moss that grows and also retains its color when dried. Also invaluable as an aquarium Gra Sample sent for the asking, $1.00 per lb.; about 50 bunches.

N BROS. CO.

g Distance Phone, Randolph 35. **CHICAGO, ILL.**

WESTERN PALM HEADQUARTERS

gest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

			Each
3-in. pots, $2.00 per doz; $15.00 per 100.			
pots,	5 to 6 leaves,	18 in. high	$0.35
pots,	6 to 7 leaves,	24 in. high	1.00
pots,	6 to 7 leaves,	28 to 30 in. high	1.50
pots,	6 to 7 leaves,	32 to 34 in. high	2.00
pots,	6 to 7 leaves,	40 to 42 in. high	3.00
tubs,	6 to 7 leaves,	40 in., heavy	3.50
tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.			
pots,	5 to 6 leaves,	18 to 20 in. high	0.35
pots,	5 to 6 leaves,	28 to 30 in. high	1.00
pots,	5 to 6 leaves,	34 to 36 in. high	1.50
tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
pots,	3 plants in a pot,	28 in. high	$1.50
pots,	3 plants in a pot,	36 to 38 in. high	2.50
tubs,	4 plants in a tub,	38 to 40in. high	3.00
tubs,	4 plants in a tub,	38 to 44 in. high	3.50
tubs,	3 plants in a tub,	48 to 54 in. high	5.00
tubs,	4 plants in a tub,	52 to 56 in. high	6.00
tubs,	4 plants in a tub,	5 ft. high	8.00
tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
tubs,	4 plants in a tub,	6 ft. high	12.00

strong specimens in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1.20
7-in. pots	3 plants in a pot	38-40. high	3.55

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 40 cents.
7-in. pots 22-in. high 30-32-in spread.....$2.00
7-in. pots, 26-in. high 34-36 in. spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

6 inch, each	$0.50	per doz	$ 6.00
7 inch, each	.75	per doz	9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Azaleas

All the leading varieties for Easter, from 75c to $3.00. Specimens from $3.50 to $10.00 each.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2,50 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in , $7.50 per doz.

Hydrangeas

Otaksa and French varieties, in bloom, from 50c to $1.50 each.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Shamrock Plants

FOR ST. PATRICK'S DAY.

1-in. and 2-in. plants, $3.00 per 100; $25.00 per 1000. Larger lots, prices on application. Either February or March delivery.

Roses

Ramblers and H. P. varieties, 50c to $1.00 each.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator, Venus, Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale, David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

After March 15 you can get all the Cannas listed above in pots; 3-in., $5.00 per 100; 4-in., $8 per 100.

☞ **Lily of the Valley in Pots.** In bloom, 50 cents to 75 cents each.

Hyacinths in all colors in pots, pans and boxes at 8 cents per bulb. Single Hyacinths in four inch pots, 10 cents.

☞ **Place your Easter orders early for Pot roses, Lilies, Spireas, Azaleas, Hydrangeas, Bulbous Stock, etc, to avoid disappointment.**

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

Grafted and Own Root Rose Plants

ern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

ed, 2½-in.	Per 1000	Per 5000
a	$130 00	$600 00
	120 00	550 00
	110 00	500 00
eo. Shawyer..	110 00	500 00
Ward	110 00	500 00
ley	110 00	500 00

or 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Grafted, 2½-in.	Per 1000	Per 5000
White Killarney	$110 00	$500 00
Killarney Brilliant..	110 00	500 00
Richmond	110 00	500 00
Bulgarie or Taft	110 00	500 00
Cecile Brunner	100 00	.....

Own Root, 2½-in.	Per 1000	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00

Own Root, 2½-in.	Per 1000	Per 5000
Aaron Ward	$60 00	$275 00
Milady	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

eadquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

ss Marvella French, late white.....$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

E—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
ber Frost	$2 50	$22 00	$3 00	$27 00
nia Poehlmann	2 50	22 00	3 00	27 00
les Razer	2 50	22 00	3 00	27 00
Papworth	2 50	22 00	3 00	27 00
Chadwick	2 50	22 00	3 00	27 00
thy Eaton	2 50	22 00	3 00	27 00
wood Hall	2 50	22 00	3 00	27 00
ier	2 50	22 00	3 00	27 00
n's Ideal	2 50	.....	3 00	.....
to	2 50	22 00	3 00	27 00
Salomon	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00

YELLOW—	100	1000	100	1000
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000.
Philadelphia, light pink, $6.00 per 100; $50 00 per 1000 **Winsor,** $20 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

CHOICE LILY PLANTS FOR EASTER

10 cents. per bud. Now is the time for shipment.

We have two large houses in the very best Giganteum Easter Lilies coming just right for Easter. These plants are now in white bud and will ship in better condition now than if the flowers are in full bloom The plants are from 18 to 24 inches above the pots strong and sturdy with an average of 4 to 5 blooms per plant. We ship these with the pots off, the balls of dirt well wrapped in paper, packed in light wooden boxes, 20 plants to the box, or we will pack 12 plants to the box in strong paper boxes Plants packed in this manner will travel in perfect condition as they are securely fastened and at one-half the cost of the old style of packing. No charge for packing. The price of the plants 10c per bud. Order early and avoid disappointment.

CURRENT PRICE LIST

WE GROW ALL THE FLOWERS WE SELL.

BEAUTIES.	Per doz.
Specials, stems 48 in. and over	$5.00
30 to 36 in. stems	$3.00 to 4.00
18 to 24 in. stems	1.50 to 2.00
Shorter lengths	.50 to 1.50

Richmond-Killarney Brilliant-Pink and White Killarney.	Per 100
Specials, extra long stems	$10.00
Long	8.00
Medium length stems	6.00
Short length stems	4.00

Rhea Reid-Bulgaria-Sunburst.	Per 100
Specials	$10.00
Long	8.00
Mediums, stems 10 to 15 in	6.00
Shorter stems	4.00

Carnations.	Per 100
Fancy White Carnations for St. Patrick's Day	$5.00
Fancy red, very choice	4.00
Fancy white and pink, very choice	4.00
Good Carnations, pink and white, $3.00 per 100 except for March 17.	
Easter Lilies, per doz., $1.50	10.00
Lily of the Valley	3.00 to 4.00
Jonquils and Tulips	2.00 to 3.00
Sweet Peas, assorted colors	1.00 to 1.50
Asparagus and Sprengeri Sprays	2.00 to 3.00
Best Eastern Ferns	per 1000, $2.50
Galax Leaves, green or bronze	per 1000, 1.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

All Seasonable Flowers at Lowest Market Prices on Day of Shipment.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

TRADE VERY QUIET.

Trade was very quiet last week, due principally to the unfavorable weather conditions that were experienced and consequently stock of all kinds was plentiful and sold at low prices. The shipping trade was good, but the local demand was quieter than it has been for a long time. American Beauty roses in the fancy grades were none too plentiful, but there was quite a number of inferior flowers seen. Roses are in good supply, but clean up fairly well at low prices each day. Carnations are arriving in good numbers, but continue to clean up well at fair prices considering the large supply of other stock that is being offered. Violets probably never sold at such cheap prices this season as they did this week, and to give the reader a little idea of what the violet market really was, all that is necessary is to mention that one of the local department stores had a special sale on them, Saturday, March 6, when several hundred thousand were sold at five cents per bunch. Of course this stock should not be compared with the general run of stock that the trade buys, but it merely shows how the stock accumulated, and how it was jobbed off in quantity lots. Sweet peas are seen in large quantities at nearly all the wholesale stores and are also selling at greatly reduced prices compared with the week previous. Freesia in various colors is being offered in quantity and is seen displayed in many of the downtown stores. Snapdragons and stocks are arriving in large supply again, but are cleaning up well. Tulips, jonquils, hyacinths, Paper White narcissi, lilies, lily of the valley, gladioli and other bulbous stock is seen everywhere in large supply. A few pansies, daisies, gardenias, forget-me-nots and calendulas are seen, but not in any great quantities. Orchids are arriving in fair supply and are moving nicely. Easter blooming plants are making their appearance in large numbers at the retail stores and remind one that the big flower day is rapidly approaching. It is a little early to talk about the supply of cut flowers for Easter, but it would not be at all surprising if home grown American Beauty roses would be scarce for this occasion, for several of the larger growers are already throwing out their plants and others are doubtful whether they will be in crop or not, for the weather the past week has been anything but favorable for setting buds.

NOTES.

Buchbinder Bros., 518 Milwaukee avenue, are shipping an entire outfit of store fixtures, including a Buchbinder florist refrigerator, to U. L. Crawford, Des Moines, Ia., for his new store in the Shops building. Henry Buchbinder, who recently underwent an operation for appendicitis, has recovered sufficiently to attend to his duties at the store again.

N. P. Miller has the sympathy of the trade in the loss of his father, Nicholas Miller, whose death occurred last week, at the ripe old age of 80. The funeral was held from the family residence at Wilmette, Friday, March 5, at 9 a. m., and the remains were laid to rest in the family lot in the local cemetery.

Ronsley the Florist, who opened for business in the Westminster building on South Dearborn street last September, reports that February was the best month that he has experienced.

Robert Northam says that George Reinberg is going to throw out all his American Beauty rose plants to make room for the new rose Ophelia.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO.**

WHITE CARNATIONS

For St. Patrick's Day

$4.00 to $5.00 per 100.

Large supply of fancy stock, so place your order with us for this occasion. Bear in mind when ordering that we are also strong on everything mentioned in the price list below and that the quotations are very reasonable considering the exceptionally fine quality of the stock that we are offering.

Current Price List.

AMERICAN BEAUTIES	Per doz.
Extra fancy	$5 00
30-36-inch stems	4 00
24-inch stems	3 00
20-inch stems	2 50
Short stems	1 00

RICHMOND AND MILADY.	Per 100
Specials	$10 00
Select	8 00
Medium	$5 00 to 6 00
Shorts	4 00

		Per 100
Killarney, White Killarney, My Maryland, Sunburst, Mrs. Aaron Ward	Specials	$10 00
	Select	8 00
	Medium	6 00
	Short	4 00

		Per Doz.
Mrs. Chas. Russell	Specials	$2 50
	Select	2 00
	Medium	1 50
	Short	75 to 1 00
Roses, our selection, per 100		$3 00

	Per 100
Carnations, fancy	$2 00 to $4 00
Sweet Peas	75 to 1 50
Harrisii, per doz., $1 50 to $2 00	
Valley	3 00 to 4 00
Violets	50 to 75
Smilax, per doz., $2 00	
Adiantum	1 00
Asparagus, per bunch, 50 to 75c	
Ferns, per 1000	$2 50
Boxwood, per bunch	25c
Galax, bronze and green, per 1000	$1 00
Leucothoe Sprays, per 100	75c to 1 00

WHITE CARNATIONS FOR ST. PATRICK'S DAY

Let Us Book Your Easter Orders Now

Heavy Supply for Easter

Anything and Everything in Seasonable Cut Flowers.

Including **the best that there is in Roses, Beauties, Ophelia, Russell, Richmond, Ward, Sunburst and Milady.** Our **Double White Killarney** are without an equal. **Large heavy foliage** and of **pure white type,** which **do not** show the dull pinkish color that is prevalent among the other strain of White Killarney, which they assume at this season of the year.

Carnations, Easter Lilies, Violets, Sweet Peas, Tulips, Jonquils, Daffodils, Mignonette and Other High Grade Quality Stock.

We receive our supplies of **Easter Lilies** from the best lily growers in and around Chicago, hence you can depend upon receiving the best.

HONEST DEALING——OUR MOTTO——GOOD VALUES

We aim to **please** in every respect, and out-of-town customers will be **benefited** by sending us their orders; by so doing you will find we can **save you money. We grow our own stock,** thereby assuring you of getting **absolutely fresh stock,** besides **saving you the commission man's profit.**

You can increase your profit and business by sending your orders to us.

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-86 East Randolph Street, CHICAGO.

ROSES, VALLEY and CARNATIONS A Specialty.....

WHOLESALE Grower of CUT FLOWERS

Prices No Higher Than Others.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

Joseph Ziska & Sons are having a big call for miniature ducks and storks which were added to the supply department this week. They wholesale at 25 and 30 cents each and are just the thing for window decorations or they are suspended from the ceiling on a wire spring and when an electric fan is turned on the wings are set in motion and give one an idea at first glance that it is a real bird fluttering about.

C. L. Washburn is well pleased with the condition of the lily plants at the Bassett & Washburn greenhouses that his firm will have to offer in pots for Easter and expects to dispose of all the stock on hand without trouble. This firm is offering cut lilies in quantity, in addition to its regular offerings. Mrs. Horton of the office force is now taking in the sights of the Panama-Pacific exposition at San Francisco, Calif.

Bernard J. Schmirer is having trouble with one of the movie theaters in his neighborhood in regard to some curtain advertising that he contracted for. It seems that the theater changed hands before the contract expired and his slide did not appear on the screen since and that the agency is attempting to collect for something that he did not get. The question will probably be settled in court this week.

Paul Klingsporn has had all the old trophies of the Chicago Florists' Club polished and they looked pretty classy when they were on exhibition at the Chicago Flower Growers' Association store this week. He thinks that they should be on exhibition at every club meeting, so do not be surprised if you see them in the meeting room next month.

George Wienhoeber had several large designs for the Mohr funeral last week, among which was a very pretty spray of violets, orchids and lily of the valley. Miss Johnson, who has been in the employ of the Fleischman Floral Co. as bookkeeper for the past six years, has accepted a similar position at this establishment.

The Otto Wittbold Nursery at Edgebrook has secured several large planting orders recently in this vicinity which will keep quite a force of men busy for some time. Mr. Wittbold says that considerable shipping was done during the warm spell that prevailed before the recent cold weather set in.

Peter Reinberg is cutting heavily in roses and carnations now and will be well fixed in white for St. Patrick's day. The entire store force will visit the greenhouses next Sunday, March 14, to get a line on the stock for Easter. The shipping trade is very good at this store and the local demand is improving.

THE OPEN DOOR TO GREATER PROFITS
THE OPEN DOOR TO GREATER PROFITS
THE OPEN DOOR TO GREATER PROFITS
H. VAN GELDER Pres. L. M. JONES, Sec'y.
PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
50 East Randolph Street
CHICAGO
THE OPEN DOOR TO GREATER PROFITS

Miss Amy Schultz has resigned her position as stenographer at the J. A. Budlong store and the old saying that coming events cast their shadows before is true in this case, for she will become Mrs. Cooper next month. Her sister, Miss Maybelle Schultz, is now filling the position she just vacated.

Sam Freund, formerly with the A. A. Arnold Paper Box Co., is now representing the Morris Paper Mills in this vicinity, with headquarters in Room 412 Harris Trust building. The Morris people have a large factory at Morris, Ill., and manufacture paper boxes of nearly every description.

A. L. Vaughan & Co. report a brisk demand for American Beauty roses and state that the shipping trade is holding up splendidly. This firm is busy making preparations for a banner Easter trade and will have a large amount of stock to offer then.

The George Wittbold Co. has a large stock of Boston ferns, kentias and cyrtomiums on hand and is making special offers on same to the trade for a short time only.

The Frank Floral Co. is showing quite a supply of bulbous stock and a nice line of green goods.

The A. A. Arnold Paper Box Co. is prepared to handle rush orders up to the last minute for Easter for its usual line of paper folding flower boxes.

Jens Jensen is scheduled to lecture before the ways and means committee of the Association of Commerce, March 10, on "Chicago, the Garden City."

Zalinger & Hirsch, who operate the store in the rotunda of the Insurance Exchange Building, are mailing a very clever Easter card.

Manager Tricker, of Vaughan's Greenhouses, Western Springs, Ill., reports a fine lot of Easter specialties ready for buyers.

M. C. Gunterberg is handling violets in exceptionally large supply and will have more than ever to offer at Easter this year.

Vaughan's Seed Store is showing some Creole lily plants specially grown to show the quality of the bulbs.
15.

Mrs. A. Guillaume, La Crosse, Wis., was a visitor at the Peter Reinberg establishment this week.

R. J. Haight, with Mrs. Haight, has gone to California to remain until May

N. P. Miller is no longer in the employ of A. L. Vaughan & Co.

EXCEPTIONALLY FINE

AMERICAN BEAUTIES

Headquarters for the finest Beauties now obtainable. Try us on your next order and you will be surprised what splendid flowers you will receive for the money.

Roses, Carnations, Violets, Lilies, Sweet Peas, Valley, Tulips, Paper Whites, Romans, Jonquils, Freesias, Orchids, Etc.

Current Price List.

Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
Long stems	$4 00 to $5 00
36-inch stems	3 50
24 to 30-inch stems.	3 00
20-inch stems	2 50
18-inch stems	2 00
12 to 15-inch stems.	1 00 to 1 50
	Per 100
Richmond, Specials	$10 00
Medium	6 00 to 8 00
Short	[illegible]
ROSES, our selection.	3 00

		Per 100
W. Killarney	Fancy	$10 00
Killarney		
" Brilliant		
Ward	Med.	$6 00 to 8 00
Sunburst	Short	4 00
Carnations, common		2 00
Fancy		3 00
Splits		1 50
Fancy White for St. Patrick's Day		5 00
Valley		3 00 to 4 00
Violets (double)		50
Violets (single)		50
Jonquils		2 00 to 3 00
Freesia (choice white)		2 00 to 3 00

	Per 100
Paper Whites	$2 00 to $3 00
Lilies per doz.,	1 50 to 2 00
Callas per doz.,	1 50 to 2 00
Sweet Peas	75 to 1 50
Smilax per doz.,	1 50 to 2 00
Adiantum	1 00
Asparagus Strings ea.,	75
Asp. Plumosus bunch,	35 to 50
Fancy Ferns per 1000,	2 50
Wild Smilax per case,	5 00
Boxwood per lb., 25c; 50 lbs.,	7 50
Leucothoe Sprays	75
Mexican Ivy	75
Pussy Willows, per bunch, 35 cents.	

A. L. VAUGHAN & CO.,

161 N. Wabash Ave., (NOT INC.) TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

We have taken over the entire Cut Flower Business of the

CHICAGO CARNATION CO.

and will continue the business in our name.

We have growers interested with us whose stock we have handled for some time and with the new arrangement, we now have twice as many Fancy Carnations and double the amount of Roses in all the leading varieties in addition to a full line of Bulbous stock, Sweet Peas, Lilies, etc.

Experience, Quality, Quantity and **Service** mean much to you and assures you of the best at all times that the Great Central Market affords at the usual reasonable prices. All orders entrusted to our care will be given the same attention as if the buyer was in the market himself selecting the stock desired.

A. T. PYFER & CO.,

OFFICERS:

H. E. PHILPOTT, Pres. V. BEZDEK, Vice-Pres. NETTIE L. PARKER, Sec'y. A. T. PYFER, Treas. and Mgr.

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

A. T. Pyfer says that trade has been very good at A. T. Pyfer & Co.'s store and that everything is running along smoothly as before. It will be remembered by the trade that this is the firm that has taken over the entire cut flower business of the Chicago Carnation Co.

E. F. Kurowski, Jr., says that the John C. Moninger Co. is enlarging its New York office, which is proving to be a fine investment. Several nice orders have been booked through this branch recently and the outlook is that many more will follow.

Frank Ayres and his able force of assistants are attending strictly to business at the Chas. W. McKellar store, while the proprietor and his wife are taking in the sights at the Panama-Pacific exposition.

Erne & Klingel are showing some very fancy tulips in addition to a full line of other seasonable stock. This firm is enjoying a nice business and could use a little more floor space to good advantage.

Poehlmann Bros. Co. is offering 40,000 lily plants in pots for Easter this year and the stock is certainly in splendid condition. The plants average from four to twelve blooms per pot and there is no question but what every one will be sold before the Easter rush is over. August Poehlmann can be seen about the greenhouses each day where everything is running along very nicely and planting in some of the houses is well under way. Over 90,000 Mrs. Chas. Russell roses will be grown next season and it is understood that Ophelia will also be given considerably more bench space then previously.

Wietor Bros. are cutting a good supply of fancy roses and carnations and will have a large quantity of white in the last named for St. Patrick's day. N. J. Wietor says that everything at the greenhouse is in fine condition now and the indications are they will have plenty of stock for their customers as usual the approaching Easter.

Percy Jones will have his usual large supply of white carnations for St. Patrick's day and is already booking orders for same. A nice supply of bulbous stock is to be seen at this store, not to say anything of the fancy ferns handled in quantity.

Miss J. M. Zalud, who conducts the Elston Flower Shop at 3959 Elston avenue, is gradually recovering from the injuries she sustained in a recent street car accident. Miss Zalud is sister of Mrs. Smely, the well known florist of Aurora.

Zech & Mann are pleasing their trade with fancy sweet peas and freesias which are in good supply as usual with them. The shipping trade at this store is brisk and inquiries regarding Easter stock are numerous.

Weiland & Risch are cutting quite heavily in Mrs. Chas. Russell roses at present and the quality of the stock that they are offering is fine. This firm will grow this variety on a larger scale than ever next season.

W. D. Desmond of the L. S. Donaldson Co., Minneapolis, Minn., was a visitor this week. He reports that business has been good since January 1 and that his firm has no complaint whatever to make.

John Kruchten has booked several large orders for pot lilies for Easter the past week, but still has a large quantity to offer. He handles both cut lilies and pot lilies each Easter in large quantities.

The Garland Manufacturing Co. of Des Plaines reports a brisk demand for the "Little Wonder" rose nozzle, which is making a big hit with every grower who is using it.

The E. C. Amling Co. expects to occupy its new store in the LeMoyne building at the southwest corner of Lake street and North Wabash avenue on or before March 21.

J. F. Kidwell & Co. report that business continues to be good at their Michigan avenue store, and are busy making preparations to handle a big Easter trade.

Frank Schramm of Crystal Lake has placed an order with the Foley Manufacturing Co. for two new houses, 40x225 feet, and a service building, 30x100 feet.

Kyle & Foerster's store is beginning to take on an Easter appearance with the large supply of fancy cut lilies that are being consigned to them.

The A. L. Randall Co. is busy getting its new store ready in the Le Moyne building and expect to occupy it shortly before Easter.

Hoerber Bros. are thinking seriously of adding Mrs. Chas. Russell to the list of roses now grown at their Des Plaines greenhouses.

O. A. Tonner is again showing a regular supply of fancy snapdragons at her 30 East Randolph street wholesale store.

ROSES

	100
Killarney	$3 to $10
White Killarney	3 to 10
Richmond	4 to 10
Fireflame	5 to 10
Ward	4 to 12
Milady	$6 to $12
Killarney Queen	6 to 12
Shawyer	6 to 12
Beauties, 60 in. stems	$5 to $6 per dozen

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

EVERYTHING

Cut Flowers AND Greens

Send all your orders where they will receive the proper attention.

THE NEW LIVE WIRE.

FRANK FLORAL CO.

Wholesale Florists, 179-181-183 Wabash Ave., CHICAGO.

Frank Triska is the proprietor of the new store that opened recently at 1802 West Eighteenth street.

Kennicott Bros. Co.'s store presents a most inviting appearance in its new dress of white paint.

Jack Byers left this week to accept a position with the Dayton Co. at Minneapolis, Minn.

John T. Muir has been elected president of the board of trustees at River Forest.

Sinner Bros. are offering choice Ten Weeks' stock in white, lavender and pink.

Louis Klemm, of Whiting, Ind., is a frequent visitor in the local market.

L. Beckers is opening a new retail store at 2558 North Clark street.

Mrs. Carl Cropp celebrated a birthday last Sunday, March 7.

Visitors: John Evans, Richmond, Ind.; E. J. Fancourt, representing S. S. Pennock-Meehan Co., Philadelphia, Pa.; Walter Mott, representing Hammond's Paint & Slug Shot Works, Beacon, N. Y.; W. D. Desmond, with the L. S. Donaldson Co., Minneapolis, Minn.; Mrs. A. Guillaume, LaCrosse, Wis.

Chicago Bowling.

NORTH CHICAGO LEAGUE SCORES.

Players.	1st	2d	3d
J. Huebner	183	181	178
Lorman	224	223	128
Zech	136	173	180
Price	148	202	204
Olsem	200	162	193
Totals	891	941	883

PORT BYRON, N. Y.—The Hollansdale Garden Co. has been incorporated by Edson W. Hamm; capital, $50,000.

PORTAGE, WIS.—S. J. Huber has taken over the florist business of his sister, the late Mrs. J. C. Clemmons, and has moved to a new location at 505 West Conant street.

St. Louis.

PRICES DROP WITH CROWDED MARKET.

The market the past week was somewhat crowded and prices fell considerably in all varieties with the exception of violets, which stiffened in price, cloudy and dark weather causing a scarcity. American Beauty roses are scarce. Southern jonquils now influence prices on greenhouse stock. Store openings will help to move surplus stock.

NOTES.

Fred Lautenschlager, representing Kroeschell Bros. Co., Chicago, was in the city, returning from the state convention at Urbana. Mr. Lautenschlager was in the company of J. Pilcher, of Kirkwood, for several days, and stated that in general things were picking up.

Gustave and Rudolph Grop are in the market with some fancy stock in sweet peas. Their supply in violets is not nearly as heavy this year. Hugo Gross is also engaged in the growing business at Kirkwood, Mo.

The local florists' club will hold its annual spring carnation and novelty exhibition at the salesrooms of the Windler Wholesale Floral Co., 1310 Pine street. It is hoped the attraction will bring a good crowd.

George Wagner has severed his connection with the firm of Grimm & Gorly as designer, and expects to take a trip to California to take in the fair.

The Grand Leader had a special sale of violets and sweet peas, March 6. Frank Bucksart has full charge of the buying and sales of these flowers.

The plantsmen are all busy preparing for Easter. The present outlook is good for a full supply.

Ostertag Bros. are busy with floral work. Henry is a good and regular buyer in this market.

Nathaniel Kingsley is in the market daily buying for the north end Mullanphy store.

F. H. Weber's windows are very prettily arranged with plants and cut flowers.

ERNE & KLINGEL

BEST GREEN CARNATION DYE for St. Patrick's Day, 50c and $1.00 per package.

30 East Randolph St., WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

A. L. Randall Co.,

RANDO BRAND 177 N Michigan Av. CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Kennicott Bros. Co.

Wholesale Commission Florists
Wire Designs and Supplies.

CHICAGO

New Crop Wild Smilax

Now ready for shipment,
$2.50 per case.
Natural and Perpetuated Moss.
E. A. BEAVEN, Evergreen, Ala.

The wholesale houses are now showing St. Patrick's green for dyeing purposes.

Frank Vennemann is bringing some good carnations into the market.

Will Sanders is no longer connected with the Mullanphy Florists.

W. F.

Cincinnati.

LENTEN BUSINESS BETTER THAN USUAL.

Business is keeping up steadily, and in the aggregate appears to be better than before Lent. The early spring openings are using their full quota of stock and keep the market cleaned up pretty well. Stock of all kinds is much more plentiful than it was, and this makes it a comparatively easy matter to take care of immediate wants in the flower line. The demand from out of town is pretty strong. Both roses and carnations are more plentiful than they were, and are now able to take care of present requirements. The lily cut, too, is large and proves good property. The cut of bulbous stock is also heavy, and the better part of it has a fair market. Many of the jonquils offered are very fine. The sweet pea cut continues very large. Other offerings include calla and rubrum lilies, violets, orchids, lily of the valley, snapdragons, primroses, mignonette, Forget-me-nots and wallflowers.

NOTES.

Local florists are in receipt of cards from Jacksonville, Fla., from Ellis Woodworth, the Sefton Mfg. Co.'s representative.

A. J. Horning has been cutting some very fine large jonquils.

C. E. Critchell has been having a very fine lot of smilax.

Visitors: R. E. Adgate, representing The McCallum Co., Pittsburg, Pa.; V. Morgan, representing The Lord & Burnham Co., and Fred Rupp, Lawrenceburg, Ind.

H.

CINCINNATI, O.—Joseph Volz, 68, of Dina avenue, Cheviot, a retired florist, died February 16. Two sons, F. Joseph Volz, vice-president of the Otto Grau Piano Company, and Frank A. Volz, florist, and four daughters survive him.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty..... WHOLESALE GROWER OF CUT FLOWERS

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

166 N. Michigan Avenue
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Wholesale Flower Markets

Current Price List	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in.	5 00
" " 30-in.	4 00
" " 24 in.	3 00
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
	Per 100
" Killarney Brilliant	4 00@15 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@15 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@15 00
" My Maryland	4 00@12 00
" Mrs. Chas. Russell	4 00@30 00
" Mrs. Geo. Shawyer	4 00@15 00
" Milady	4 00@15 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	4 00@15 00
" Ophelia	4 00@15 00
" Our selection	3 00
Carnations	1 50@ 4 00
Cattleyas...per doz.	4 00 to 6 00
Freesias	3 00@4 00
Gladiolui (Southern)	6 00
Gardenias	$6.00 per doz.
Lilium Harrisii	12 50@15 00
Paper Whites	2 00@ 3 00
Romans	2 00@ 3 00
Stevia	1 50@ 2 00
Sweet Peas	1 00@ 2 00
Tulips	3 00@ 4 00
Valley	3 00@ 4 00
Violets	50@ 1 25
Adiantum Croweanum	75@ 1 00
Ferns	2 50
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

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Philadelphia.

MARKET OVERLOADED; PRICES SLUMP.

The market is "full and wobbly," not at all able to keep a straight course. Every line appears to be largely overstocked, with roses and sweet peas leading. Prices in these items and some of the other staples have broken badly, special offers in large lots showing great price concessions. Anyone who can find a market for flowers in a retail way should be able to gather in the "shekels" at a great rate, as really good stock was never so cheap

PHILADELPHIA SPRING SHOW
MARCH 23-25.

as at the present time. To single out and comment on any one or more things would not describe the situation; just a great big overstock in all lines, which is likely to get worse before there is any relief.

FARMERS' INSTITUTE MEETING.

The farmers' institute meeting, under the auspices of the Pennsylvania Horticultural Society and the Florists' Club of Philadelphia, was held in Horticultural hall, Friday, March 5, afternoon and evening, and on Saturday afternoon. The procedings were very interesting. David Rust welcomed the farmers and gardeners who attended, and presided as chairman. The meeting was addressed by specialists on various subjects relating to farming and horticultural subjects. E. B. Dorsett, Mansfield, Pa., told of commercial fertilizers and how to use them. Roses was the topic chosen by Antoine Winsor of West Grove, Pa. How to spray fruit trees and the formula was told by Sheldon W. Funk, Boyertown, Pa. He laid particular stress on the riddance of the coddling moth. He illustrated his lecture with lantern slides. F. W. Card, of Sylvania, Pa., spoke of soil management, and handled the subject in a masterly way. James Boyd, of Harrisburg, Pa., spoke of hardy plants suited for lawns in the vicinity of this city. Dr. Robert Huey spoke very enthusiastically of the rose and illustrated his talk with beautifully colored lantern slides. F. W. Card, also with slides, gave a comprehensive talk on garden and lawn decoration. On Saturday, Geo. W. Kerr, one of W. Atlee Burpee & Co.'s experts, told of the great improvement in the sweet pea. E. B. Dorsett spoke of co-operation for the farmers. An alliterative talk by F. W. Card on "The Pig in Poke, Pasture, Pen and Parlor," followed and Mr. Funk wound up the meeting with "Home and Market Gardening." The proceedings were very interesting at all the meetings, but did not get the public recognition they deserved, the attendance being light. It has been eight years since the meeting was held in this city.

NOTES.

The discussion of E. A. Harvey's very interesting paper at the meeting of the florists' club last week was enlightening. Edward Reid, who explained that this was the anniversary of the founding of his business 22 years ago, gave some interesting details about the divine flower. He stated that as a rule growers in their desire to produce large flowers, left their stock on the plants too long—a flower had just so many days after coming to maturity to live, and most of this time should be spent with the customer who bought them, rather than in the hands of the grower. The moment they were far enough advanced to be cut, the preparation for shipping to the market should follow with the least delay. Some varieties, notably Alma Ward, would not mature if cut too young, while others could be cut young and would mature in water. Gathering the crop should be done scientifically; one of his growers used to pick his flowers, lay them in bunches of 25 on the tables exposed to the hot sun until the entire house had been gone over. They were then placed in water but were so wilted that while they partially recovered, they were never satisfactory. At Mr. Reid's suggestion each bunch as gathered was put in water at once, and there was a remarkable difference in their keeping qualities. With the competition of the dahlia in the early fall and the daffodil in the late winter and early spring, the season for the carnation appears to be ever shortening, and it should bring a better average price. He had always contended it was bad business to import bulbs to compete with flowers like carnations that were grown here. It

Wholesale Flower Markets

BOSTON, March 10.

	Per 100
Roses, Beauty	5 00@50 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, March 10.

Roses, Beauty, special, doz.,	5 00
" " fancy, "	3 50
" " extra "	2 50
" " No. 1, "	2 00
	Per 100
" " No. 2	4 00@ 6 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 6 00
" Taft	4 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Freesia	2 00@ 3 00
Mignonette	4 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Tulips	2 00@ 3 00
Daffodils	2 00@ 2 50
Asparagus Sprengeri	35@ 50
Ferns, per 1000	2 00
Smilax	15 00

CINCINNATI, March 10.

	Per 100
Roses, Beauty, per doz.	$1 00@$4 00
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	8 00@10 00
Asparagus Plumosus, per bch., 25c	
Carnations	2 00@ 3 00
Hyacinths	3 00@ 5 00
Orchids, per doz	3 00@ 3 50
Violets	35@ 50
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	3 00@ 4 00
Rubrum Lilies	4 00@ 8 00
Tulips	3 00

ST. LOUIS, March 10.

	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	4 00@10 00
" White Killarney	6 00@10 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	3 00@ 4 00
Carnations	2 00@ 3 00
Orchids	35 00@50 00
Rubrum	6 00@ 8 00
Violets	40@ 60
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	10 00@12 50
Jonquils	2 00@ 3 00
Tulips	3 00@ 4 00
Sweet Peas	50@ 1 50
Callas	8c@12½c
Ferns, per 1000	2 00
Leucothoe, per 100	60
Galax, per 1000	1 25

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was best to keep the money here and invest it in American products, and improve them and get a better market for them. Chas. E. Meehan said the problem was to find a market for the stock. If the retail florist could not handle the output, then it must be sold by the street men, department stores or through some other channel. David Rust spoke of the stock being packed at the grower's as ordered for the retailer, and going to him direct. J. C. Gracey thought this an excellent idea and that it would warrant an advance of 35 per cent in the price. Joseph Heacock facetiously thought it a good plan to buy direct from the growers, while Charles Meehan contended that if there were no commission men there would be no growers. Edward Reid and Samuel Pennock both said that much of the fault of the keeping qualities of the carnation lay with the grower, who held the flowers too long in order to get size. They contended that they would return more to the grower if shipped one day sooner. Mr. Reid contended that the grower who aimed to produce quality instead of quantity would win out every time over the quantity grower. He had learned quite early in his experience that "labor is cheap, but brains come high," and this applied through his business had been of great advantage to him. Mr. Harvey's plea that the carnation should be exploited through a publicity plan, and made a popular flower with the masses, is in fair chance of fullfilment, as the agencies for selling have increased wonderfully the past year or so. The 5 and 10c stores and the large department palaces are all now providing a prominent place in their stores for the sale of flowers, and there they are offered at low prices. Plants are also handled in quantity, and the desire of some commission houses to avail themselves of these outlets is so great that they now send the stock desired on sale, only the sold stock to be accounted for, the balance being returnable like yesterday's papers on the news stand. Could a grower wish a larger market than this plan opens up? If it works out with even a small profit, it looks like the millennium from the growers' standpoint, and an opportunity for new houses galore.

Wholesale Flower Markets

PHILADELPHIA, March 10.	Per 100
Roses, Beauty, extra	60 00@75 00
" " first	15 00@25 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 2 00
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, March 10.	Per 100
Roses, Beauty, special	50 00
" " fancy	35 00
" " extra	20 00
" " No. 1	10 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00@ 3 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75@ 1 00
Violets	1 00
White Lilac, per bunch,	75
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch,	35@40

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MILWAUKEE, March 10.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 4 00
Lilies, per doz.,	$1.50
Snapdragon, per bunch,	25c @50c
Sweet Peas	75@ 2 00
Valley	2 00@ 4 00
Violets	50@ 1 00
Tulips, Freesia	2 00@ 3 00
Daffodils, Trumpets	3 00
Romans, Paper Whites	2 00@ 3 00

The Wanamaker experiment is still in the incubator stage, occupying a fair-sized space with several clerks in the house furnishing department in the basement. No attempt is made for display. A large glass enclosed case con-

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JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00
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tains a dishpan full of ice to keep down the temperature. No cut flowers are delivered, they having to be carried away by the purchasers. Even with these primitive arrangements it is said a large business is done, due to the low, or seemingly low prices, at which the stock is offered.

The Gimbel Brothers' department store are to open a plant and cut flower department under the management of Walter Yates, who has made a specialty of growing plants for special sales to the various large department stores for some time. It is said that the appointments are to be first class, with every facility for up-to-date management of the business.

The M. Rice Co.'s new line of Easter plant baskets is worthy of this enterprising house, who are always originating and producing something up to the minute. The result of their salesmen's "cabinet meeting," after their tours through the retail stores of the country, is reflected in this work.

Robert B. Bragg, an A. B. commission man, succeeds Stuart Miller with Edward Reid. Robert is a hustler, and will find a great field for his energetic work with Mr. Reid.

The Leo Niessen Co. is strong on American Beauty and other standard roses. Spencer sweet peas are also a feature.

Berger's Central Market is making a strong bid for business with sweet peas. Their stock of Spencers is superb. K.

New York.

MARKET CONDITIONS UNCHANGED.

There has been little change in the condition of the wholesale cut-flower market since our last notes were written. In roses, the supply was not particularly heavy during the past week, but there were plenty, and the same can be said of carnations. There was no great surplus of American Beauty roses, but enough to supply the demand. The arrivals of other roses increased. Something may here be said relating to the new red rose, Hadley. There is a little very special stock of Hadley arriving that wholesales as high as at the rate of $35.00 and $40.00, but these are exceptions and not the rule. What is here mentioned have fine large buds and stiff stems. The next grade are fairly good buds, but weak stems, and the shorter Hadleys are no better, if as good as Richmonds of the same grade. It is not our purpose to reflect on this rose, which at its best is a fine production, but the question with some growers is: "Will it pay to grow it?" Jonquils have not been so plentiful during the past week, but another crop will soon be in. In tulips, lily of the valley and sweet peas there is more than enough to supply the demand. The Paper White narcissi seem to be pretty well cut out and prices remain firm. There is good white lilac on the market, but it moves slowly. In snapdragons, stocks and wallflowers, good stock is arriving, but it moves slowly.

NEW YORK SPRING SHOW
MARCH 17-23.

NOTES.

Herman Warendorff, the florist of the Ansonia hotel, and proprietor of several other stores throughout the city, has recently returned from a month's stay at Palm Beach, Fla. He is looking well and in fine spirits. He speaks highly of the horticultural features at that resort.

Horace E. Froment is receiving daily 50 to 60 boxes of roses from the L. B. Coddington range, Murray Hill, N. J., and he does not consider that a very heavy cut. Mr. Coddington, it may here be stated, has quite recovered from his recent illness.

A. F. Dwyer, the clever salesman for H. C. Steinhoff of West Hoboken, N. J., with salesrooms with the New York Cut Flower Co., is now handling fine pot roses of Tauschendon and Baby rambler.

The next attraction will be the spring flower show. Secretary Young, President Pierson and Manager Arthur Herrington are all very busy men, and it is hoped that their untiring efforts will bring success.

Frank Dinda of Farmingdale, L. I., N. Y., is shipping to Guttman & Raynor, Inc., very fine stock of his new white carnation, which he has appropriately named. Peace.

From the Cottage Gardens, Queens, N. Y., Joseph Millang is receiving exceptionally fine stock of Carnations Cottage Maid, Mrs. C. W. Ward and Matchless.

Harry A. Bunyard, president of the New York Florists' Club, left for Detroit, Mich., March 5, to deliver a lecture before the Garden Club of Michigan.

P. F. Kessler, of the Coogan building, is handling a fine stock of the Victoria jonquils; also fine tulips in variety.

Badgley, Riedel & Myer are handling fine snapdragons, as well as a good variety of bulbous stock.

Paul Meconi continues to receive large shipments of fine orchids and gardenias.

At Wm. P. Ford's we note exceptionally fine stock of the Spencer sweet peas. A. F. F.

New York Florists' Club.

The monthly meeting of the club was held in the Grand Opera House Building on the night of March 8, President Bunyard in the chair. There was a very large attendance and great interest was manifested. The leading feature of the evening was the lecture by Prof. James Ross Lynch. Subject: Panama Canal. Description of the trip across the continent, via all routes, including the new Panama Canal route; seeing several points of interest, Yellowstone Park, the Grand Canon of Arizona, cities, etc., California, San Francisco and the Panama-Pacific International Exposition. Illustrated with stereopticon slides from actual photographs of the entire trip. The many remarkable and beautiful views shown were graphically described by the lecturer. The lecture must be heard, and the views seen to be fully appreciated. Prof. Lynch, at the close, was given a standing vote of thanks.

The outing committee of the club reported that the annual outing will take place on Wednesday, July 14, at Witzel's Point View grove. The steamer Isabel will convey the party to the grove. The prices of tickets will be: Gentleman and lady, $5; lady, $2.50; children under 12 years, $1.

The committee on a new home for the club reported progress. Thos. De Forest for the transportation committee to the San Francisco convention, reported progress. The flower show booth committee requested an appropriation of $200 for the purpose of properly taking care of visitors and decorating the booth, which was granted. F. R. Pierson for the spring flower show committee reported good progress and fine prospects for a successful show. He urged all exhibitors to have their plants in on Tuesday, March 16, as the show opens Wednesday, March 17. Mr. Colwell, of the publicity committee, spoke interestingly and asked for photographs of plants and flowers for the benefit of the publicity in their use. Trade tickets for the show will cost 20 cents each in lots of 100. For a less number the price will be 25 cents. Each member of the club in good standing will receive a season ticket for the show. Arthur Herrington, who will superintend the show, was elected to membership in the club. He made a stirring speech, urging all to pull together to make the show a great success.

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Mention the American Florist when writing.

Philip F. Kessler, chairman of the house committee, in behalf of his commitee, presented to members 125 handsome souvenirs in the shape of imported steins. The following were elected members: Wm. Bluethgen, Jr., Hudson Heights, N. J.; F. R. Newbold, 109 E. 72d street, New York; Arthur Herrington, Madison, N. J.; Chas. Webber, 174th street and Ft. Washington avenue, New York; Robert R. McAnney, Blue Point, N. Y.; Frank Dinda, Farmingdale, N. Y.

A challenge was received from the Tuxedo Bowling Club for a match with the New York club team. Though in the anouncement it was said to be "rose night," no roses appeared. Frank Dinda, Farmingdale, N. Y., exhibited his white seedling carnation, Peace, which scored 85 points and a fraction. It is, therefore, we believe, entitled to the final exhibit. Chas. A. Zvolanek, Bound Brook, N. J., exhibited orchid flowering sweet peas and was given a vote of thanks. Henry A. Dreer, Philadelphia, exhibited Cocos Weddelliana; award of merit. H. Lougeler, for M. van Waveren & Sons, Ltd., Hillegom, Holland, exhibited Narcissus poeticus, mignonette and single tulip, De Wet.

The dinner committee has announced that the annual dinner and dance will be held at Hotel Astor, Saturday evening, March 20, 1915.

A. F. F.

Wholesale Flower Markets

NEW YORK, March 10.

	Per 100
Roses, Beauty, special	25 00@40 00
" " extra and fancy	15 00@20 00
" " No. 1 and No. 2	5 00@10 00
" Alice Stanley	5 00@10 00
" Prince d'Arenberg, special	8 00@10 00
" Francis Scott Key, special	8 00@10 00
" Mrs. Geo. Shawyer, special	5 00@ 8 00
" " extra	3 00@ 4 00
" " No. 1 & No. 2	1 00@ 3 00
" White Killarney, special	6 00@ 8 00
" Killarney, My Maryland... special	5 00@ 8 00
" " No. 1 and No. 2	1 00@ 3 00
" " Queen, special	5 00@ 8 00
" " Brilliant	1 00@ 6 00
" Aaron Ward	2 00@ 8 00
" Richmond, special	1 00@ 8 00
" Sunburst	1 00@ 8 00
" Taft	2 00@ 6 00
" Milady, special	2 00@ 8 00
" J. L. Mock	3 00@10 00
" Hadley	3 00@25 00
" Ophelia	3 00@12 00
" Mrs. Chas. Russell	2 00@12 00
Carnations	2 00@ 3 00
Cattleya Orchids, special	25 00
" " inferior grades	15 00@20 00
Jonquils	2 00@ 2 50
Lilies, Longiflorum and Harrisii	3 00@ 6 00
Lily of the Valley	50@ 2 00
Tulips	1 00@ 2 00
Violets	10@ 35
Gardenias....per doz., $1.00@$2.00	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	2 50
Smilax.....doz. strings.	1 25@ 2 00
Paper White Narcissus.doz., $1.50@$2.00	
Sweet Peas, per doz. bunches.	.35@ .50
" " Spencer type, 100 flowers.	.50@1.00
White Lilac .....per bunch.	50@ 75

BEAUMONT, TEX.—In the event the $150,000 bond issue for the improvement of Island park carries at the coming election 5,000 plants will be donated to the city for distribution in the park for ornamental purposes. This handsome gift will be made by Mrs. Bessie Weissinger of the Beaumont Floral Company.

THE GEO. WITT

737 Buckingham Place,

SPECIAL OFFER ON BOSTON FERNS

We have an immense stock of pot-grown Boston Ferns which we must move at once to make room for other stock. Order at once if you are looking for bargains, for this is a real bargain sale and one that demands your immediate attention. The accompanying illustrations were made from photos of the plants that we are offering and represent 5-in. and 6-in. plants.

Special price on 5-inch Boston Ferns, 22 to 24-inches high, **20 cents each.**
Special price on 6 inch Boston Ferns, 2 to 2½ feet high, **35** " "
Special price on 7 inch Boston Ferns, 2 to 2½ feet high, **60** " "
Beautiful specimens in larger sizes as follows: 8 inch, **$1.00** and 9-inch, **$1.50 each.** Larger specimens, **$2.00, $2.50** and **$3.00 each.**

Make up your order now and get it in as early as possible.

SPECIAL OFFER ON KENTIAS.

We have a tremendous stock of choice Kentias in the three accompanying sizes and are making special prices for a short time to move them. The illustrations herewith were made from photos of the stock that we are offering. In addition to these we have exceptionally fine stock in the larger sizes, so if there is anything in Kentias that you want and do not see here, write for sizes and prices.

20 to 24 inches above pot, **50c**

BOLD COMPANY

L. D. Phone, Graceland 1112 **CHICAGO**

SPECIAL OFFER ON CYRTOMIUMS.

A hardy fern everybody wants. 3-inch at $1.00 per dozen; 4-inch at $1.50 per dozen; 5-inch at $2.50 per dozen; 6 inch at $5.00 per dozen.

28 to 30 inches above pot, **$1.00 each.**

30 to 36 inches above pot, **$1.75 each.**

Tacoma, Wash.

BUSINESS ON PAR WITH YEAR AGO.

There seems to be quite a diversity of opinion as to business conditions among the flower growers and dealers at the present time, and about the best way to sum it up would be to say that the total volume of business for the months of January and February just passed, has been ahead of the same months of 1914, but collections are much more difficult to make this year than last and consequently cash will buy more now than a year ago. Flowers are more plentiful than ever before at the same time of the year, with quality improved with the exception of good cut roses, and not many of these grace our market just at present; however, another season will no doubt see improvements in the cut rose supply. Carnations are abundant in about four varieties, viz., Enchantress, White Enchantress, Beacon and the deeper pink Enchantress. With the exception of one firm, we have every one counting the old sorts good enough, and no new or up-to-date ones being grown. Lilies and bulbous stock is quite plentiful—very good in quality, too. There was no shortage of bulb supply, and in fact a rather increased supply, with present good flowers a proof of good quality. The present outlook favors abundance of lilies for Easter, with promise of A No. 1 quality, other kinds of bulbous stock in plenty, and early Easter will find the flowers at their best, with probably an oversupply of carnations. Home grown smilax and asparagus are scarce, but shipments come regularly from California that are good. Roses and violets arrive regularly and violets especially have been of high quality. Few of them are grown locally. The violet supply has been practically turned over to the California growers. The trip up from 'Frisco is quite a long one, but of late, practical methods of packing insures them in good condition when they arrive. The chrysanthemum season has been with us almost up to the present, until even the storekeepers could not bear the sight of them in the store, much less in the show windows. It is a well known fact that "all things hath a season," but too long a season sure is a monotony when you have to stand for big yellow 'mums.

NOTES.

The Van Slyke & Seamons Co. has a range of the best carnations in the northwest in good crop and about 25,000 first class rooted cuttings are already in. They have several of the late varieties, and Herald is simply ideal. Benora is very fine, although the flower not quite so large as some of the others. Enchantress Supreme is a real improvement. They are bringin a large supply of lilies, and will have them first class according to present promise. Their bulb supply is ample and of best quality. The Hayden-Watson Co., of which they own controlling interest, furnishes an outlet for a large percentage of the stock produced, and shipping orders call for the balance.

Northwestern Floral Co. has the entire place filled with good stock and has a very good call for shrubs—roses and nursery stock. Cut flower business is about same as last year, as are pot plant sales.

The Wheelarea range of greenhouses at American Lake, have lately been purchased by a firm of Japanese, and E. R. Roberts, who formerly conducted them, has surrendered his interest and management.

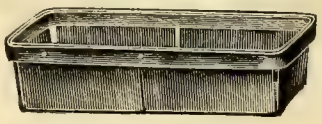
H. W. Manike says, "I can hardly tell how business is—sometimes good and sometimes bad, with plenty of good flowers always ready for the call."

A. A. Hinze has a lot of good stock of all kinds ready and coming on, and business the same as last year—more decorating to do than usual, however.

Smith Floral Co. are enjoying a good call at the store, and sales of pot plants are many—generally small and cheaper plants.

Business with California Florists may be classed alternately a "feast and then a famine." S. L. H.

PANSY AND VERBENA BASKETS



Small size, measure 9 inches long, 6 inches wide, 3 inches deep, put up 500 in a crate, per 1000.....$ 9.00

Large size, measure 13 inches long, 7½ inches wide, 4 inches deep, put up 250 in a crate, per 1000..... 15.00

Detachable wire handles for either of the above, per 1000..... 2.00

Have the other sizes. Send for descriptive circular.

COLES & COMPANY, 115 Warren St., New York, N. Y.

FLORISTS' REFRIGERATORS—CATALOG FREE

BUCHBINDER BROS.,

518 Milwaukee Ave., Dept. F, CHICAGO

McCRAY Refrigerators

Display Your Flowers

Send for Catalog No. 71 which describes fully the McCray Refrigerators and Display Cases for Florists.

McCRAY REFRIGERATOR CO.,

670 Lake St., KENDALLVILLE, IND.

Kentucky Society of Florists.

The Kentucky Society of Florists held their March meeting at the store of Jacob Schulz, Wednesday evening, March 3. The committee having in charge the matter of looking into the advisability of giving a fall flower show reported favorably, with the recommendation that the show be free to the public, and that no prizes be given. This report was received with much enthusiasm and enough space was spoken for by those present to warrant the society authorizing the committee to proceed with the preliminary steps of preparing for the show. The society also voted to give such assistance as lies within its power toward furnishing plants for the proposed school garden which has been promoted by some of the public-spirited women of this city. The board of education has granted the use of a large plot of ground connected with one of the schools, but furnished no means by which the grounds could be put in proper condition for use, or for the purchase of the necessary tools, plants and seeds to make the garden what it should and can be. These ladies have undertaken the task of supplying these needs, and the florists are going to assist with the donation of plants as far as possible.

AUGUST R. BAUMER, Sec'y.

EASTER BASKETS

Everything in Cut Flower and Plant Baskets for Easter. Send your order direct to us and we will save you money. Large shipment has just arrived from our large factories in Germany.

Raedlein Basket Co.

713 Milwaukee Ave., CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green. Per 100

20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.

16-18-20-22 South Peoria St., CHICAGO

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing.

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co.'s STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing.

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing.

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. **CLEVELAND**

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Flowers for all Occasions.

1536 Second Avenue.

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MASONIC TEMPLE

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CLEVELAND, OHIO

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and all NEW ENGLAND POINTS. T. J. JOHNSTON & CO. 171 WEYBOSSET ST., PROVIDENCE

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ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL. Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2068-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

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FLOWERS

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing.

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16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Addres4, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing.

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Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

FLOWERS delivered promptly in Buffalo, Niagara Falls, East Aurora, Lockport, Tonawanda, Lancaster and other Western New York cities and towns.

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304 Main Street
BUFFALO, N. Y.

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Both Phones No. 40
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Max Schling

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Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H. Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Huston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
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John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

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Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for FLOWERS. Delivered to all parts of the country. Special care, select and artistic work.

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WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

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913 Grand Avenue

All Orders Given Prompt and Careful Attention

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The Park Floral Co.

J. A. VALENTINE, President

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

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Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

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THE J. M. GASSER COMPANY,

CLEVELAND

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100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

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WHOLESALE AND RETAIL.

Members of Florists' Telegtaph Delivery.

Telephone 2656 Established 1880

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FLORIST

George C. Weiland, Proprietor.

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Member Florists' Telegraph Delivery.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

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Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

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Mention the American Florist when writing.

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Prompt and careful attention to orders from out-of-town florists.

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A. Newell FLORIST

Established over 20 Years.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

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Wire or Phone Your Orders to the HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West.

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Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Canada's best known and most reliable florist.

Only the Best **Dunlop's**

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to Steamers and all Eastern Points.

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

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1223 W. Madison St. CHICAGO

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr
Wire, Write or Phone West 822
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Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

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PAUL M. PALEZ,
FLORIST,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
Mention the American Florist when writing.

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing.

DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries
DULUTH, MINN.
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Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF **HEINL'S**

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MYER, FLORIST, 609-611 Madison Ave
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The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.
ROCK'S FLOWERS
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C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.
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"Some Florist"
16 N. 6th St., Ft. Smith, Ark
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Main and McKinney Phone, Preston 160

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S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

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1519 Farnam St., OMAHA, NEB.
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Lang Floral & Nursery Co., Dallas Texas.
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No orders too large, none too small.

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CANADA'S LEADING FLORISTS
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Bulbs Seeds
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Artistic Floral Work and Long Stem Beauties Our Specialty.

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Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc.
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Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Delivery.

Vaughan's Flower Seeds

ASTER SEED is one of the Specialties of

Vaughan's Seed Store

the greatest care being exercised to maintain its excellence.

ASTERS

QUEEN OF THE MARKET

The Standard Early Flowering Type

White	Dark Blue	Dark Lilac
Crimson	Silvery Lilac	Azure Blue
Pink	Scarlet	Light Blue
	Flesh	

	Trade Pkt.	Oz.
Any of Above, per lb., **$10.00;** ¼ oz., **25c**	.10	.80
Mixed, All Colors....................	.10	.60

THE KING

In form the flower is entirely distinct from any other variety; petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown. In shape and size the bloom is round, full and very large.

Rose. Pink. Violet. White.

Each of the above...........¼ oz., **40c** .25 1.50

THE ROYAL

Its habit of growth is entirely distinct, the stems growing directly from the ground and not on sideshoots from the main stem like other varieties. A medium early.

Purple 10 1.25

NEW ASTERMUM

An attractive and descriptive name for a new race of asters which belong to the Comet family. The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form. The seed we offer has been carefully grown, rogued and selected.

Snow White. Rose Pink. Dark Lavender.

Each of the above.................. .25 2.50

Lavender Gem. The flowers are of a true lavender shade and the petals are gracefully curled and twisted, and the blooms are borne on long stems 35 3.00

Peerless Pink. The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell pink. First flowers appear about the middle of August, but the plant is at its zenith about four weeks later............. .25 2.50

Crimson Giant. This shade has been one which has seemed to lack in intensity of color, but in this variety the blood red blossom is particularly bright and the extreme doubleness of its flowers makes a bed of them a mass of oriental splendor in a garden . . .. .25 2.00

Enchantress Pink. This is the same color as the well known Carnation. It is a midseason variety and the form of flower while loose, is compact. The inner petals are broad and fold in perfect circles, each petal overlapping. The outer petals gradually lose this trait until they stand out straight from the center. .... .25 2.50

Pink Beauty. Upright and sturdy growth, stems twenty inches long. Petals of flowers are incurved and a charming pink..... .35 3.50

Sensation. Bushy and branching plant about two feet high, flowers double and incurved, resembling a Dahlia, and the flower a lively cardinal red .... .25 2.50

SEMPLE'S BRANCHING

White	Cinnabar Carmine	Azure Blue
White turning to pink	Dark Red	Daybreak
Lavender	Rose Pink	Purple
Fiery Scarlet	Crimson	Deep Rose

Semple's Branching, Any of Above...........	.10	.80
Mixed, All Colors	.10	.60

CREGO

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect.

White. Shell Pink. Dark Pink. Lavender.

Each of the above .... .25 1.40

PRIMULA OBCONICA

Our P. Obconica is from the finest collection in Germany. The strain is unsurpassed in color and size of flower. There is none better.

	Trade pkt.	Oz.
Obconica Salmonea ....150 seeds	**$0.30**	....
Obconica Grandiflora. Mixed....... .... 1/32 oz., **$1.25;** 1,000 seeds	.50	....
Bright Rose......1-64 oz., **$1.00;** 1,000 seeds	.50	....
Kermesina ....1/32 oz., **$1.25;** 1,000 seeds	.50	....
White ....1-64 oz., **$1.00;** 600 seeds	.50	....
Fire Queen ....500 seeds	.50	....
Coerulea . . . .600 seeds	.50	....
Compacta Rosea ....500 seeds	.50	....
Crispa, curly, petals apple-blossom pink ....500 seeds	.50	....
Apple-blossom . . . .500 seeds	.50	....

Magnifica. This is a cross between a Primula Obconica Grand, and other large flowering varieties. The flowers are large size, measuring 1½ to 1¾ inches in diameter and of beautiful form with waved edges similar to a Spencer Sweet Pea. The colors range in the lighter tones, white, white with pink hue, and apple blossom. The plants grow compact, the flower spikes are borne well above the fresh green foliage and the clusters of the flowers are dense, and especially adapted for pot culture.

Price Pkt. (about 150 seeds), **25c.** **5 Pkts.** for **$1.00.**

	Trade pkt.	Oz.
Gigantea Rosea. New, 1/32 oz., **$2.50;** 600 seeds	**$0.50**	....
Kermesina new crimson......... ....1/32 oz., **$2.50;** 600 seeds	.50	....
Oculata Rosea ....600 seeds	.50	....

For Complete List of Flower Seeds see our "Spring Book For Florists."

43 Barclay Street, NEW YORK **VAUGHAN'S SEED STORE,** **31-33 W. Randolph Street, CHICAGO**

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 1915.

TRENTON, MO.—Harry Witten has opened a seed store in the Masonic building.

T. LEE ADAMS, president and founder of the T. Lee Adams Seed Co., Kansas City, Mo., died March 3, age 65 years.

TUTTLE, OKLA.—The Tuttle Grain & Seed Co. has been incorporated by C. C. Davis, R. L. Park and M. E. Davis; capital $5,000.

TUBEROSE bulbs of the larger grades are in rather short supply. Contract growers who face low prices for cotton are easier in price.

PHILADELPHIA, PA. — Young David Burpee is said to be the youngest member of the Union League Club. He is taking on active duties in his father's business, where effciency is the slogan.

GRAND RAPIDS, MICH.—The A. J. Brown Seed Co.'s thirtieth anniversary catalogue has the largest sized page we have seen, being 10x13 inches. On the first inside page is a fine portrait of the founder.

MAIL order houses say their big Mondays come later each year. Some expect their record day for spring, 1915 orders, will be near April 1, about two weeks later than was formerly considered record date.

LONG ISLAND cabbage seed growers say the heads last fall were stunted and not fully matured on account of the long draught, and the past winter has been so mild and rainy it is feared at least one-half have rotted.

VISITED CHICAGO: E. M. Parmalee, of the John H. Allan Seed Co., Sheboygan, Wis.; Big Bill Galloway, of Galloway Bros., Waterloo, Ia.; A. E. McKenzie, Brandon, Man., traveling northwest with a 10-car bunch of onion sets.

CHICAGO.—Prices for grass seed on the Board of Trade March 10 were as follows: Timothy, $5.50 to $7.25 per 100 pounds.—Leonard H. Vaughan, of Vaughan's Seed Store, celebrated his thirty-fifth birthday anniversary March 8.

ONIONS are down again. They took a jump from 20 cents per bushel to 60 cents on export sales of about 200 carloads. Since then prices have sagged back in a discouraging manner to about former level. Some truckers are curtailing their 1915 acreage.

ST. LOUIS, MO.—The St. Louis Seed Co. says: "Business in all lines has been very brisk for the last two weeks, local and also shipping, and prospects are for a very good spring in garden, field and flower seeds. We expect to do an especially good business in lawn seeds on account of the drought which killed most of the lawns in our territory the past season. We find the trade somewhat hampered on account of short deliveries of certain varieties. The trade on field seed, oats, clover and field corn is good."

Bar German Goods on Ships.

All goods of German manufacture or origin have been refused shipment by the Holland-American steamship line, sailing from Rotterdam, and by the Scandinavian-American line, of which Copenhagen is the sailing port, according to a cablegram received March 8 by August Bontoux, president of the International Forwarding Co., Chicago, with offices at 431 South Dearborn street. The word comes from the company's agent in Hamburg. Insurance on German products was refused when the British blockade went into effect, but goods were allowed by the forwarding companies to come to points of export, where they were held. Goods will now be refused at the factories, according to Mr. Bontoux.

Benary Protests.

Frederic Benary, the well known seed grower of Erfurt, Germany, requests us to give space to this protest against the statement of another seed grower.

In the English Horticultural Advertiser of January 20, and reproduced in the Nurseryman and Seedsman of the same date, the following may be read:

Dear Sirs: Have you heard about the treachery of the Germans belonging to the family Benary? Frederic Benary, as Colonel of Uhlans, came as far as Meaux, near Paris. At Coulommiers they stole a motor car belonging to a doctor, and with papers forged with stamped forms from the mayor's office, his nephew, son of John Benary, left in the blue motor car for Rouen, to blow up the bridges, especially the Pont de l'Arche. This is how I heard the news. Frederic Benary, fearing his nephew had been taken prisoner at Rouen, wrote to one of my clients, Mr. Gauthier, of Rouen, sending the letter via Italy and asking for news. When Mr. Gauthier made enquiries at the military office he found this was the German dressed as a French officer who had tried to blow up the bridges. I am surprised he has not been shot but hope he will be. Anyway, the notorious Fritz has had one son killed. We have struck off the names of the Germans and Austrians from our Society Nationale, and I hope your Royal Society will do likewise and scratch out the names of the Bosch enemies.

(Signed) A. Gravereau.

I was not a little astonished when I read this marvelous story in which a Mr. Gravereau has me advance to the high office of Colonel of Uhlans. The grain of truth in all the nonsense which Mr. G. writes is the following: The family of a nephew of mine, Captain T., in an engineer regiment, not having heard of him for five or six weeks, naturally in great anxiety about his fate, had asked me to beg of some of my business friends residing near Captain T's last quarters to try and find out what had become of him. Of the four firms to whom I applied three answered kindly that they would do their best to help me in the matter (and I may add that I have had several opportunities to do the same for French and Belgian customers who were anxious about the fate of their relatives). The fourth, Mr. Gauthier of Rouen, seems to have thought otherwise. It has since been found out that Captain T. had been, first, severely wounded and made a prisoner; second, called before a French court-martial and acquitted of any action not consistent with a soldier's duty who has to carry out the commands of his superiors); third, and finally imprisoned at F., where he will no doubt remain till the end of the war.

Mr. Gravereau is a seed grower near Paris who for many years supplied me with certain seeds and with whom I was on the best of terms. This man's son spent six months in 1908 at Haage & Schmidt's Nursery at Erfurt, and frequently received hospitality at my house. I leave it to your readers to judge of Mr. G's pious wishes for the fate of my sons. FR. BENARY.

Denaiffe Survives.

Sergeant John Colle Denaiffe, 120th regiment, French army, member of Denaiffe & Son, seed growers, Carignan France, who, in THE AMERICAN FLORIST of December 5, 1914, was reported killed, has now turned up alive and well, a prisoner of war, at Magdeburg, Prussia. He, with his regiment, had been in several engagements in Belgium, and when the onrush of the Germans began and the allies were pushed back, he fell wounded by a bullet through his thigh, at the battle of Belle Fontaine, only 15 miles from Carignan, on August 22. In the retreat he was left for dead on the field, but was taken by the Germans to their field hospital, and with careful treatment finally recovered from his severe wound, subsequently being transferred to a prisoners' camp in Germany. His young wife with two children, one two years of age, the other an infant of eight months, is now residing in Paris. She was successful in escaping from Carignan just as the German army captured that place, and finally reached Paris after many hardships.

The foregoing was received from Chas. Johnson, American agent of Denaiffe & Son, and similar information came from Conrad Appel, the well known grass seed specialist, of Darmstadt, Germany, about the same time.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's

SEEDS AND BULBS

WE are hard at work on our 1915 Seed Catalog which will contain some novel suggestions and real helps.

Send us your card. We don't want to miss you in the distribution.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

KENTIA SEED

FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing.

Get Quotations From

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SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners. :-: :-:

Valley for Easter

CHICAGO MARKET BRAND

Best Valley in existence, giving the best results all year round.

$15.00 for 1000 $8.00 for 500
4.50 for 250 2.00 for 100

FLORIST MONEY MAKER BRAND

Best Valley at moderate prices.

$13.00 for 1000 $7.00 for 500
$4.00 for 250

H. N. BRUNS

3032 Madison St., CHICAGO.

LILIES FOR Decoration Day

PLANT NOW Our especially packed Cold Storage Lilies. Bloom in 11 to 12 weeks after planting.

Lil. Long. Giganteum Size, 7- 9; per 100, $ 6.50; case of 300, $16.50. Size, 9-10; per 100, 10.50; case of 200, 20.00.

Cold Storage Valley Extra select, very best..100, $2 00; 1000, $15 00. Hamburg.....100, 1.50; 1000, 12.00.

Florists' List, comprising full lines of **Flower Seeds, Bulbs, Dormant Plants** and **Supplies,** free upon application.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and **German.**

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS GROWERS FOR THE TRADE
Write for Prices

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting ONION SETS.

Schilder Bros., CHILLICOTHE, OHIO.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

SOW NOW---SPANISH PIMENTO SEED

or **SWEET PEPPER,** like we import from Spain—the best money-maker on the market as a plant or producer. I have grown plants that produced 94 ripe peppers to the plant. They are the most beautiful peppers grown, sweet as an apple and thick meat; weigh 38 lbs. to the bu. Sold on the open market in Columbus for $3.00 per bu. Will yield 500 bu. per acre. The Pimento Cheese is made from them in a fresh state, as you see from reference. I have a limited supply at $1.00 per trade packet or $2.00 per oz. Every greenhouse or gardener should have it. Sow early in March in temperature of 65 and treat as mangoes.

Mr. L. C. Adsit, Jamestown, Ohio. February 16, 1915.

My Dear Mr. Adsit: Your letter of February 8 at hand, and in reply will say that the pimento seed which we bought of you last spring germinated in the greenhouse and the plants bore an abundant supply of pimentoes.

We used the pimentoes for making our pimento cheese, and the quality was just as good as those that were imported from Spain.

Yours very truly, R. B. STOLTZ,
The Ohio State University, Columbus.

L. C. ADSIT, - Jamestown, Ohio

THE
J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

King Humbert Cannas
Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5 00 per 100; 4 in. plants, $8 00 per 100.
Satisfactory references or cash.
W. W. COLES, Kokomo, Ind.
Mention the American Florist when writing.

S. M. Isbell & Co.,
Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.
Mention the American Florist when writing.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,
8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

Seedsmen requiring the very best selections of
Garden Seeds
(Vegetable and Flower), especially
Kelway's Celebrated English Strains
can get them at lowest independent wholesale rates by sending their orders direct to
KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.
Mention the American Florist when writing.

Growers and Specialists
CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.
Sioux City Seed & Nursery Co.
Established 1883.

Fancy Caladium Bulbs
4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.
Tampa Floral Co., Tampa, Fla.

Henry Fish Seed Co.
Bean Growers for the Wholesale Seed Trade
CARPENTERIA, CALIF.

Bulbs, Seeds, Plants
Try us once and you will come again.
S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

BRUNNINGS
Leading Suppliers of
EUCALYPTUS
and Acacia Seeds
P.O. Box 857, MELBOURNE, AUSTRALIA
Mention the American Florist when writing.

Contract Seed Grower
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
EDGAR F. HURFF,
Correspondence Solicited. **Swedesboro, New Jersey**

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower.
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.
Mention the American Florist when writing.

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.
Mention the American Florist when writing.

The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,
Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Vaughan, Henderson, Patry, at $1.25 per 100.

Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.

Coleus, 10 varieties, April 1, 2½-in. pots, $2 00 per 100.

Alternantheras, red and yellow, April 1, $2 00 per 100.

Geraniums, S. A. Nutt and other varirieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

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Purity—White flowers similar to above, ⅛ oz. 35c.

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Twelve Valuable Cut-Flower Dahlias

Cactus Dahlia Lawine

Candeur (Cactus). A wonderful pure white, which in the fully developed flower more closely resembles an incurved Chrysanthemum than any other sort.
Field roots, 15c each; $1.50 per doz ; $12.00 per 100.

Delice (Decorative). The most popular pink variety. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting.
Field roots, 10c each; $1.00 per doz.; $8.00 per 100.

Flamingo (Decorative). As a cut flower this ranks in the same class with Delice, and it is the first of its type to flower, not only flowering early but continuously, and holding up in good shape to the end of the season. While it frequently shows an open center this rather adds to its attractiveness; in color it is a glowing rose-pink.
Field roots, 20c each; $2.00 per doz.; $15.00 per 100.

Galathea (Cactus). A medium-sized flower appreciated for its delicate color, which is an even, tender soft pink.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Lawine (Cactus). White, with just a suggestion of blush as the flower matures; one of the best.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Mont Blanc (Decorative). The best all around white for cutting, flowers of good size, of good form, on good stems and very free flowering.
Field roots, 10c each; $1.00 per doz.; $8.00 per 100.

Miss Minnie McCullough (Decorative). One of the most popular autumn tints, rich bronze with yellow suffusion.
Field roots, 10c each; $1.00 per doz.; $8.00 per 100.

Mme. A. Lumiere (Decorative). Ground color white, suffused with red, the tips pointed with bright violet-red.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Nerthus (Cactus). Rich, glowing, bronzy, orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing, golden color.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Pink Pearl (Cactus). Mallow-pink at base of petal gradually shading to white at tips; a good flower.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Rheinkonig (Cactus). Pure snow white flowers of splendid form, 5 inches and over in diameter. These are of great substance, lasting splendidly when cut.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Wodan (Cactus). Bold, large, but not coarse flower, frequently 7 inches in diameter, of a pleasing, delicate salmon-rose color, shading to old-gold in the center.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

For the most up-to-date list of Dahlias, new and old, see Dreer's Garden Book for 1915, also our Current Wholesale Price List.

Henry A. Dreer, 714-716 Chestnut Street, Philadelphia, Pa.

The above Prices are intended for the trade only.

BOXWOODS--Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½ ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

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Wire your order to

GEO. A. KUHL, WHOLESALE GROWER. PEKIN, ILL.

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IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in. 25c
" " " 18-in. 45c
" " " 30-in. 2.00

Pyramids, 36-in. $1.75
" 42-in. 2.25
" 48 in. 3.25

Globes, 18 by 18-in. 3.00

Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei, 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.

Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped, $1.50 each.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

Spring Number Next Week. Send Advertisements Early.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, March 9.—Mushrooms, 45 to 50 cents per pound; lettuce, 20 cents per box; radishes, 25 cents to 50 cents per dozen bunches; asparagus, $2.00 to $2.50 per dozen bunches; celery, 12 stalks, 15 cents to 25 cents; cucumbers, $1.25 to $1.50 per dozen.

New York, March 9.—Cucumbers, $1.25 to $2.00 per dozen; mushrooms, 75 cents to $1.75 per 4-pound basket; tomatoes, 15 cents to 25 cents per pound; radishes, per 100 bunches, $1.00 to $2.50; lettuce, per strap, 50 cents to $1.50.

Green Pea Aphis Control.

A preliminary report by Loren B. Smith, detailed by the state crop pest commission of Virginia, covering the results of experiments made during 1914 for the control of the green pea aphis at the Virginia truck experiment station, Norfolk, is covered in Bulletin No. 13, issued by that station under date of October 1, 1914. The pea aphis, a green plant louse, is one of the most troublesome and destructive pests that the growers of tidewater Virginia have to contend with. It first attracted attention in the United States by its ravages to the pea crop in 1899, and its destructiveness has since that time steadily increased.

In making the experiments at the station in the spring of 1914 a three and a half acre field of peas was employed. The varieties grown were Gradus, Thomas Laxton, Nonpareil and Pilot, the size of each plat being one-half acre. The number of aphids used in the determination of the percentage killed by the spray was found by counting the live aphids present on six feet long divisions of rows in the various plats. The first spray was applied April 20; the second, April 29; the third, May 12, and the results were as follows:

Using a spray consisting of four pounds of whale-oil soap in 50 gallons of water, it was estimated that approximately 60 per cent of the aphids were killed. The spray in this proportion was not of sufficient strength, and many of the aphids, especially the adults, recovered from its effects. Sprayed with whale-oil soap, five pounds to 50 gallons of water, another plat showed 68.7 per cent of the adults killed, 83.5 per cent of the half grown, while of the very young forms 96.2 per cent were killed, making an average of 82.6 of all the aphids killed by the spray on this plat.

On another plat, a spray of black-leaf "40," ten ounces to 50 gallons of water, showed to be effective only to the extent that 20 per cent of the aphids were killed. The physical properties of this spray were not as good as soap sprays, in that the soap acts as a spreader for the spray, and will work down in between the leaves, whereas the black-leaf "40" simply gathers in drops on the outside. A combination of black-leaf "40," ten ounces, and whale-oil soap, six pounds to 50 gallons of water, was also used, with the result that about 90 per cent of the aphids were killed, but the spray caused a slight injury to the tender parts of the plants.

A spray that proved effective to the extent of approximately 75 per cent was made with whale-oil soap, six pounds to 50 gallons of water. The soap solution, however, caused a slight injury to vines and pods, not sufficient, however, to appreciably decrease the yield.

The spray that gave the best and most satisfactory results was a combination of whale-oil soap, four pounds, and black-leaf "40," ten ounces to 50 gallons of water. In no case did it injure the vines, and it killed approximately 98 per cent of the aphids, the pest being apparently more susceptible to this combination spray than when the insecticides were used separately, even if in the latter case larger quantities were used. The plat used in this experiment yielded very heavily. The cost for spraying one acre for the season, using three applications, including cost of material, man and team, using 100 gallons of spray per acre, was $10.86.

In summing up, the recommendation is made to use one of the following formulae as a spray for the green pea aphis:

Black-leaf "40" (nicotine sulphate) 10 ounces; whale-oil soap, four pounds; water, 50 gallons.

Whale-oil soap, five pounds; water, 50 gallons.

Spray on a bright, clear day rather than on a cloudy one, as the liquid dries more readily, and is less likely to injure the vines, commencing operations within one or two days after the aphids are first found on the pea vines. Two or three sprayings may be necessary, especially if the lice are very numerous, the second spraying to come about one week after the first. Save time, labor and money by having spraying apparatus suitable for the work, and be sure to see that it is in good repair and working order before the spraying season commences.

Planting Plans.

The grower will have to decide in a few days in regard to his future plantings. If tomatoes are to occupy the houses this summer, little time can be lost, as a great deal depends upon an early start. Tomatoes do not mind a cool house, hence can very well be planted between the lettuce. While apparently such tomato plants make little growth in a lettuce house, they are at work below the surface making roots. Later on when the lettuce is removed, and the temperature is raised, such tomato plants respond wonderfully.

With cucumbers such treatment is not the best. We prefer to wait until the lettuce is all removed, then rush in strong 4-inch pot plants, and turn the heat on. A cucumber plant is easily checked and hard to recover. As a compensation for this a cucumber plant can be produced in less than one-half of the time required to put up a good tomato plant. Given a warm plant house we can turn out fine cucumber plants in 30 to 40 days.

Further, cucumbers can be planted much later in the spring than tomatoes, hence where one is a little at sea about a choice, and the season is advanced, the cucumbers should be preferred.

There is much uncertainty about the last lettuce crop. Sometimes growers make a rich haul by a late crop coming in late in April or early in May, as such a crop costs little to produce; it depends much on weather conditions in regard to the outdoor crop and to some extent upon competition. Too often we do the same thing as every one else and at the same time and a glut results, and next time, remembering this lesson, we all drop out at the same time, thus opening an opportunity for some lucky fellow.

As a spring tomato, Bonny Best is gaining friends rapidly. It has good color, is an early and easy setter, and vigorous enough to produce a good crop, while in size it is medium and beautifully uniform. MARKETMAN.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark **American Spawn Co., St. Paul, Minn.**

ONION SETS

32 pounds to the bushel.

Crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our Onion Sets.

Yellow Danvers Sets

Price, ½ pk.	Pk.	Bu.
$0.35	$0.60	$2.00

White Silver Skin Sets

Price, ½ pk.	Pk.	Bu.
$0.35	$0.60	$2.00

Red Wethersfield Sets

Price, ½ pk.	Pk.	Bu.
$0.35	$0.60	$2.00

J. BOLGIANO & SON, BALTIMORE, MD.

Almost 100 Yars Established Trade.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE, FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

JOSEPH HEACOCK COMPANY'S
PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in, cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. ceda- tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3 in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

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A course for Gardeners, Floristsand Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art. We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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The Home Correspondence School
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Mention the American Florist when writing.

A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in. $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

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Ferns, Plants, Vines, Bulbs, Etc.

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LaFayette, - - Indiana

John Baer=Himself

Gives a friendly but earnest notice to his Friends and Fellow Market Gardeners.

BALTIMORE COUNTY, MARYLAND.
March 2nd, 1915.

I hereby inform my many friends, the Market Gardeners, Canners and the Public in general, I have placed my entire supply of "John Baer" tomato seed which I personally grew and selected with J. Bolgiano & Son of Baltimore, Maryland. Any seed offered by any other source is not my production and I cannot feel morally responsible for the results it may produce.

I have given this tomato my greatest care and attention for many years and take pride in seeing that my fellow Market Gardeners are getting only seed that truly represents the results of my lifework.

(Signed) JOHN BAER.

Pkts., 50c; ¼ oz., 75c; oz., $2.00; ¼ lb., $7.50; lb., $25.00.

⅓ off to the trade.

JOHN BAER
Originator of the World Famous Tomato "John Baer"

"JOHN BAER" TOMATO
The Earliest and Best Tomato on Earth

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GROWERS OF PEDIGREED TOMATO SEED

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GERANIUMS

Delivery March 29th to April 15th. Guaranteed to reach you in good order to any point reached within fifty hours.

S. A. Nutt, $12.50; **Ricard and Poitevine,** $15.00 per 1000.

30,000 Plumosus, extra fine at $25.00 per 1000.

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing.

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

VISITED CHICAGO: C. B. Knickman, representing McHutchison & Co., New York.

MONTANA HOUSE BILL 303, just filed, provides a complete code of laws regulating the inspection of nursery stock, etc.

PERRY, O.—Solon W. Call, aged 70, prominent nurseryman, was instantly killed when a train hit his automobile, February 22.

CARL CROPP, of Vaughan's Nurseries, Western Springs, Ill., is convinced that the Lombardy poplar must be transplanted when nearest to 1½-inch caliper to do best, its root development being meagre.

MARYSVILLE, CALIF. — Co-operating with County Horticultural Commissioner G. W. Harney, George P. Weldon, deputy state horticultural commissioner, will wage a fight against the white fly pest, which of late has again made its appearance in a light form on citrus trees.

SALT LAKE CITY, UTAH.—In its biennial report to the governor, filed February 25, the state horticultural commission recommends that Arbor day be changed from April 15 to April 1, arguing that the present date is entirely too late for the planting of trees and obtaining the best results. Observance of Arbor day is important, it comments, since it promotes, as nothing else would, an increase in trees and foliage.

ROCKFORD, ILL.—The consolidation of the Rockford Orchard Company with the Sinnissippi Orchard Company has been proposed by stockholders of the latter company. The interests of both companies are in the Bitter Root valley. The majority of stockholders of the Rockford company are local men and those of the other company are Rockford and Freeport men. It is said sentiment among members of both companies favor the consolidation.

Connecticut Nurserymen's Association.

The Connecticut Nurserymen's Association held its ninth annual meeting at the Hotel Garde, Hartford, Thursday, February 25. No new business came up. Reports showed the association to be in a flourishing condition, and one new member was added to the list. The election of officers resulted in the selection of the following for the ensuing year: W. E. Campbell, New Haven, president; C. H. Sierman, Hartford, vice-president; F. L. Thomas, Manchester, secretary; W. W. Hunt, Hartford, treasurer. The present members of the legislative and executive committees were retained, and the following were named as an entertainment committee: C. R. Burr, chairman; Charles Turner and E. A. Brazzil. A well-balanced programme, replete with subjects of more than usual interest by recognized authorities, was given, bearing on pertinent topics. The dinner at the Hotel Garde was a pleasant social feature.

F. L. THOMAS, Sec'y.

Am. Plums Originated from Wild Varieties

The wild North American plum has given rise to more cultivated varieties than any other of the native fruits except the grape. These varieties have mainly originated in the Mississippi Valley, Iowa alone having furnished 175, Minnesota 74, and South Dakota 44. In Texas 97 varieties have originated. In these western and southern regions where several of the species appear to have reached their greatest perfection in the wild condition, the greatest development in the future, under cultivation, may probably also be expected to take place, according to a new bulletin of the United States department of agriculture (No. 172) entitled "The Varieties of Plums Derived From Native American Species."

The new publication is a professional paper which should be of especial interest to the growers of fruit, particularly those engaged in plum breeding. It gives a list of native varieties and hybrids showing the origin of each variety and the species to which it belongs, which should be of considerable value to the nurseryman and orchardist, who may receive the bulletin if they will apply to the editor and chief, division of publications, United States Department of Agriculture, Washington, D. C.

SACRAMENTO, CALIF. — Sacramento county has over 10,000 acres on which almonds could be profitably grown, says F. B. Brosius, deputy county horticultural commissioner, although reports at the present time do not indicate as heavy planting as last season. The Drake seedling is perhaps the most popular almond in the county, due to the fact that it is a more uniform producer and a heavy one. It is also later blooming, from two to three weeks after the other varieties. This is an advantage where the blossoms are liable to injury from frost.

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists — Largest Growers in America
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Wholesale growers for the trade—
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Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
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Franklin Davis Nursery Co.
BALTIMORE, MD.

FORCED TO SELL
2,000,000 California Privet
2 to 3-year old bushy plants, cut back twice, $9.00 per 1000
in lots of 20,000 or more. Sold farm, must remove by May 1st.
GUARANTEE NURSERIES, - Trenton, N. J.

Headquarters For
California Privet
AND OTHER HEDGE PLANTS
CALIFORNIA PRIVET. Two years, 2 to 3 feet; 3 to 4 feet. Three years, 3 to 4 feet; 4 to 5 feet.
All well branched, bright and clean. The two and three year grades have been cut back one or more times. Very attractive prices for car lots for prompt acceptance.
AMOOR RIVER PRIVET. One year, extra fine, 12 to 18 inches. Two years, 1½ to 2 feet; 2 to 3 feet.
BERBERIS THUNBERGII. Transplanted, stocky plants, 9 to 12 inches; 12 to 18 inches.
J. T. LOVETT, Little Silver, N. J.

Hoosier Beauty

We are now nearly through the winter and our experience with this rose to date confirms abundantly the claims that we have made for it.

It is the best red rose for florists' forcing yet produced, on account of its

Freedom, Stiff Stems, Fragrance, Color, Quick Growth and Long Stems.

Good quality blooms every month in the year. Our stock is superb, both own root and grafts; the variety is now selling freely.

OWN ROOTS
100 for $30.00, 250 for $70.00;
1000 for $250.00

PRICE

GRAFTS
100 for $35.00; 250 for $82.50;
1000 for $300.00

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F. Dorner & Sons Co.,
LA FAYETTE, INDIANA.

The E. G. Hill Co.,
RICHMOND, INDIANA.

Mention the American Florist when writing.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

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440 So. Dearborn St.
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Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Adiantum Croweanum, 5-in. pots, very bushy, 20 cents.
Adiantum Glory of Mordrecht, 5-in. pots, bushy, 35c; 4-in. pot, 25c.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Bougainvillea Glabra Sanderiana, 4-in. pots well trimmed, $15.00 per 100.
Cibotium Schiedei, 5-in. pot plants, 75 cents; 6-in., $1.00.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Geranium S. A. Nutt, 2¼ in. pot plant, $2.50 per 100, $25.00 per 1000.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Impatiens Sultana, Hybrids in all colors, $4.00 per 100.
Lantanas, distinct varieties, $4.00 per 100.

The Storrs & Harrison Co., Painesville, Ohio.

Have Caught up and am Now Ten Days Ahead on Deliveries of

"ALICE" CARNATION CUTTINGS

Have over 50,000 in propagating benches and can make prompt shipments. **Don't miss** trying some of this **commercial** acquisition.

Prices to Trade only. Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

PETER FISHER, - Ellis, Mass.

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Our New Rose Mrs. Moorfield Storey

Has strong upright growth, the wood being very stout and smooth, with large handsome dark green foliage practically mildew or black-spot proof. The flowers, which are freely produced, are of good size and substance with abundant petals, opening freely. The color is a shell pink deepening toward the centre with the large smooth petals tipped deep rose. It will be a fine, yet distinct companion for the Mrs. Charles Russell Rose.

Own Root	100,	$30.00	250,	$70.00	500,	$125	1,000,	$250	2,500,	$565	5,000,	$1,000	10,000, $1,800
Grafts.....	"	35.00	"	82.50	"	150	"	300	"	690	"	1,250	" 2,300
Eyes	"	27.00	"	62.50	"	120	"	220	"	490	"	850	" 1,500

Own root and grafts delivered in March, 1915.

WABAN ROSE CONSERVATORIES Natick, Mass.

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

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SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.
Prices low. Send for list.

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Strong plants, 2½ inch, $1.25 per 100; $10.00 per 1000.

Asparagus Sprengeri, strong 2½ inch, $2.00 per 100; $5.00 for 300.

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For the Best New and Standard

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Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

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250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000		Per 100	Per 1000
White Enchantress	$2.00	$17.50	Herald (extra fine red)	$3.00	$27.50
Pink Enchantress	2.00	17.50	Josie Merle (fine pink seedling)	3.00	27.50
Rose Pink Enchantress	2.00	17.50	Philadelphia	4.00	30.00
Mrs. Ward (dark pink)	2.00	17.50	Washington	3.00	25.00
White Perfection	2.00	17.50			

ROSES

BENCH PLANTS

	Per 100	Per 1000		Per 100	Per 1000
Killarney	$6.00	$50.00	Maryland	$6 00	$50.00
Richmond	6.00	50.00	Ward	6 00	50.00
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Specify Plants When Ordering.

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THE HORTICULTURAL PRINTING COMPANY
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EVANSVILLE, IND.—George H. Blackman, of the Wm. Blackman Floral Co., says there is abundance of stock offered on all sides, but that the present demand, mostly in funeral work, is strong enough to clean up every day. Prospects here are good for Easter with large stocks of plants available.

400,000 Rooted Carnation Cuttings

We have acquired the greenhouses of the Chicago Carnation Company at Joliet, including all plants and cuttings therein, which makes us the largest growers of Carnations, exclusively, in the United States.

We have ready for **immediate shipment** over 400,000 rooted carnation cuttings, first-class guaranteed stock.

If you are in the market for large quantities of cuttings write us and we can save you money.

For list of cuttings see classified ad.

AVIATOR

We have also acquired all rights to **Aviator,** the new scarlet seedling, which we will disseminate in the season 1915-1916.

Address all orders for cuttings to the

J. D. THOMPSON CARNATION CO., = Joliet, Ill.

Cannas, New Roses, Ferns, Etc.

NEW CANNA FIREBIRD, The best red-flowered, green leaved canna, Doz., $6.50; 100, $50.00

	Per 100	Per 1000
Allemania	$2 50	$20 00
Buttercup	5 00	40 00
Chas. Henderson	2 50	20 00
Comte de Sachs	2 50	20 00
David Harum	3 50	30 00
Egandale	3 50	30 00
Florence Vaughan	3 50	30 00
Frederick Benary	$3 50	$30 00
Hungaria, $2 dozen	18 00	
King Humbert	4 00	35 00
Long Branch	5 00	45 00
Louisiana	2 50	20 00
Mad. Crozy	3 00	25 00
Milwaukee	3 50	30 00
Mrs. A. Conard	$12 00	$100 00
Mrs. Carl Kelsey	3 50	30 00
New Chicago	10 00	90 00
Queen Charlotte	3 50	30 00
Souv. de A. Crozy	3 50	30 00
Venus	3 50	30 00
Wyoming	3 00	25 00

ROSE PLANTS, Grafted and Own Root.

THE UP-TO-DATE AND POPULAR VARIETIES.

	2½ inch pots O. R. Per 100	2½ inch pots Grafted Per 100
Geo. Elgar, New Yellow Cecile Brunner	$15 00	$25 00
Hoosier Beauty, The New Red Rose		35 00
Mrs. F. F. Thompson, Shell Pink Sport of Shawyer	30 00	35 00
New White Shawyer	30 00	35 00
	Per 1000	Per 1000
Mrs. Chas. Russell		$130 00
Mrs. Geo. Shawyer	$65 00	110 00
Killarney Brilliant	$ 60 00	$110 00
Sunburst	65 00	100 00
Francis Scott Key	100 00	100 00
Ophelia	100 00	130 00
Hadley	80 00	120 00
Prince E. C. de Arenberg	65 00	120 00
Milady	65 00	120 00

For 3½ inch plants wanted at planting time write for special quotations.

Choice Ferns.

	Doz.	Per 100	Per 1000
Assorted Ferns for Dishes— A choice assortment, our selection of varieties, 2¼-inch	$0 50	$ 3 00	$ 25 00

Boston Ferns—	Each	Doz.	Per 100
3-inch pots	$0 15	$ 1 25	$ 8 00
4-inch pots	25	2 50	20 00
5-inch pots	40	4 50	35 00
6-inch pots	75	8 00	60 00
7-inch pots	1 00	10 00	75 00
8-inch pots	1 25	14 00	100 00

Carnation Cuttings.

FOR IMMEDIATE DELIVERY.

	Per 100	Per 1000
Alice	$12 00	$100 00
Champion	6 00	50 00
Enchantress	3 00	25 00
Gloriosa	3 00	25 00
Good Cheer	12 00	100 00
Herald	4 00	35 00
Matchless	6 00	50 00
Pink Sensation	12 00	100 00
Philadelphia	4 00	35 00
Rosette	3 00	25 00
White Enchantress	3 00	25 00
White Wonder	3 00	25 00

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Greenhouses: Western Springs, Ill.

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SYSTEM

The Morehead System removes all condensation from your steam lines—at any heat—returning it directly to the boiler and thus maintains proper drainage and perfect circulation. Consequently a steady, even temperature is assured. Get the complete information from our engineers. It's free.

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SAVE 10% to 20% on YOUR GREENHOUSE

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USE IT NOW.
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Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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FULL SIZE No 2

Drive easy and true, because both bevels are on the same side. Can't twist and break the glass in driving. Galvanized and will not rust. No rights or lefts.
The Peerless Glazing Point is patented. No others like it. Order from your dealer or direct from us.
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The Florists' Hail Association has paid 2000 losses amounting to a total of $282,000.00
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10 CENTS PER LINE, NET.

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75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternantheras, red and yellow, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

AMPELOPSIS.

25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

Ampelopsis Veitchii, pot-grown, 4-in., $1.50 per doz. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

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NELROSE, the new perpetual-flowering variety. Famous in America and Europe. Plants, $6 per 100; $50 per 1,000. Seed, $1 per trade packet. F. W. FLETCHER, Originator, Auburndale, Boston, Mass.

ARAUCARIAS.

Araucarias, Excelsa, 4-in., 50c each; $6 per doz. Excelsa Compacta, 5-in., $1.25 each; 6-in., $1.50 each. Excelsa Glauca, 5-in., $1.25 each. The Geo. Wittbold Co., 739 Buckingham Place, Chicago.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias $1 each and up C. H. Frey, 1133 O St., Lincoln, Neb.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRINGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, 3, 4 and 5-in., 7c, 15c and 35c each. Sprengeri, 2½-in., 3, 4 and 5-in., 4c, 6c, 15c and 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Asparagus Plumosus Seedlings, $5 per 1,000; transplanted at $7.50. Harry Bailey, R. F. D. No. 6, Los Angeles, Calif.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, $25 per 1,000. Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100; $5 per 300. J. C. Schmidt, Bristol, Pa.

ASPIDISTRAS.

Aspidistras, green, 5-in., 10-12 leaves, $1. Poehlmann Bros. Co., Morton Grove, Ill.

ASTERS.

REMEMBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: white, pink, lavender and purple. Price, 1,000 seeds, 50c, $5 per oz. Cash with order. ALBERT A. SAWYER, Forest Park, Ill.

AZALEAS.

Azaleas, all the leading varieties, from 65c to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 ins., $1.50 each. The Storrs & Harrison Co., Painesville, O.

Azaleas, all colors, $1 to $1.50. C. H. Frey, 1133 O St., Lincoln Neb.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies, August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIA LUMINOSA, fine 4-inch in bloom, 10c; fine 3-inch, bud and bloom, 7c; good 2-inch, 2c. ERFORDII, transplanted seedlings, 75c per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Begonia Luminosa, 4-in., 15c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOXWOOD.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in., $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standards, pyramids and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, begonias, tuberous rooted, giant flowering, singles in colors; white, scarlet, yellow, pink, 40c per doz., $2.50 per 100; $20 per 1,000; mixed, 35c per doz.; $2 per 100; $18 per 1,000; doubles: white, scarlet, yellow, pink, 50c per doz.; $3.50 per 100; $30 per 1,000; mixed, 50c per doz.; $3 per 100; $28 per 1,000. Tuberoses: true dwarf Pearl, 1st size, 4-6-inch, $10 per 1,000; medium size, 3-4-inch, $5 per 1,000; mammoth, 6-8-inch, $15 per 1,000. Caladium Esculentum: 5-7-inch, $1.75 per 100; $15 per 1,000; 7-9-inch, $3.50 per 100; $30 per 1,000; 9-11-inch, $5.50 per 100; $55 per 1,000. Lilies, cold storage: Giganteum, 7-9-inch (300 to case) $16 per case; 8-10-inch (225 to case) $16 per case; 9-10-inch (200 to case) $20 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, begonias, tuberous rooted, single in five separate colors, 50c per doz.; $3 per 100; double in five separate colors, 60c per doz.; $4.50 per 100. Caladiums (Elephant's ear) 5-7-inch, $2 per 100; $18 per 1,000; 7-9-inch, $3 per 100; 9-11-inch, $6 per 100; 12-inch up, $12 per 100. Tuberoses, 1st size, $1 per 100; $9 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, cold storage, gianteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, complete assortment of summer flowering. Joseph Breck & Sons, Corporation, 47-54 N. Market St., Boston, Mass.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, Strong plump, 2 and 3-eye roots of Pennsylvania, Burbank, Crozy, Wyoming, Pres. Cleveland, David Harum, etc., $1.50 per 100. Cash. W. H. Culp & Co., Wichita, Kansas.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Vaughan, Henderson, Patry, $1.25 per 100. Jos. H. Cunningham, Delaware, O.

Cannas, 2 to 3 eye roots: Florence Vaughan, Chas. Henderson, Mme. Crozy, Pennsylvania, $2.50 per 100. King Humbert, $3.50 per 100. A. Henderson & Co., 369 River St., Chicago.

Cannas, headquarters for all leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

CANNAS, standard varieties divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Vaughan's Firebird, 3-inch, dozen, $6.50; 25 for $12.50. Vaughan's Seed Store, Chicago and New York.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

CARNATIONS.

STOP, LOOK, READ!

For immediate delivery.

FINE CARNATIONS FROM SOIL.

As we shall grow Roses more extensively this year we are cutting down on our Carnation growing. This being the case, we have a surplus of some very choice carnation stock to offer; stock offered is what we had intended to grow ourselves, for with the careful culture given them they have been worked up to large, healthy plants and as such we guarantee that you will find them REAL LIVE VALUES, so here is your chance to secure choice stock at prices no higher than others, but of a quality far superior.

		100.	1,000.
1,000	Champion Red	$6.00	$50.00
1,500	Joy "	4.00	30.00
8,000	Victory "	3.00	25.00
2,500	Matchless, White	6.00	50.00
1,500	White Wonder "	4.00	35.00
4,000	Perfection "	3.00	25.00
1,500	Philadelphia Pink	5.00	40.00
1,000	Rosette, Dark "	3.00	25.00
6,000	Afterglow, Dk. "	4.00	35.00

J. A. BUDLONG,
82-84 E. Randolph. Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

400,000 CARNATION ROOTED CUTTINGS.

Ready for immediate delivery. Strong, healthy stock in the following varieties. ORDER NOW:

	Per 100	Per 1000
Champion	$6.00	$50.00
Matchless	6.00	50.00
Peerless Pink	6.00	50.00
Philadelphia	6.00	50.00
Princess Dagmar	6.00	50.00
White Wonder	3.00	25.00
Pink Delight	3.00	25.00
Enchantress Supreme	3.00	25.00
Benora	3.00	25.00
White Enchantress	2.50	20.00
Enchantress	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Mrs. C. W. Ward	2.50	20.00
Northport	2.50	20.00
Conquest	2.50	20.00
Gloriosa	2.50	20.00
Herald	2.50	20.00
Commodore	2.50	20.00
Beacon	3.00	25.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1,000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	5.00	45.00
Philadelphia	5.00	45.00
Champion	4.00	35.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1,000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.
162 N. Wabash Ave. Chicago.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1,000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora. Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Carnations, White Enchantress, Pink Enchantrses, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, Josie Merle, $3 per 100; $27.50 per 1,000. Philadelphia, $4 per 100; $30 per 1,000. Washington, $3 per 100; $25 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1000. Herald, Philadelphia, $4 per 100; $35 per 1000. Vaughan's Seed Store, Chicago and New York.

Carnations, Champion, Philadelphia, $6 per 100; $50 per 1,000. Winsor, $20 per 1,000. Scarlet Glow, $25 per 1,000. Gorgeous, $5 per 100; $40 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnation Alice, $12 per 100; $100 per 1,000. Peter Fisher, Ellis, Mass.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, rooted cuttings. Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum Early Frost, rooted cuttings of 2-in., pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

WHITE.	Per 100	Per 1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Golden Glow	2.00	15.00
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Yellow Eaton	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
Chieftain	3.50	30.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

ROOTED CHRYSANTHEMUM CUTTINGS.
March Delivery.

WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100. PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.

Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.

A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum cuttings, Chadwick Improved, $3 per 100; $25 per 1,000. W. H. and Golden Chadwick, Chrysolora, Maj. Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall, Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons: Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. Morris Floral Co., Morris, Ill.

CHRYSANTHEMUMS. R. C.: Smith's Advance, Unaka, Chrysolora, Chadwick Supreme, Golden Glow, Golden Wedding, Jeanne Nonin and other standard varieties. Also pompons, singles and anemones, $1.50 per 100; $12.50 per 1,000. Send for complete list. CRABB & HUNTER FLORAL CO., Grand Rapids, Mich.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

CYCLAMEN — GIGANTEUM, WANDSBEK TYPE, in bloom, 3-in., $10 per 100; 4-in., $20 and $25 per 100; 5-in., $35 and $50 per 100. In bud, 3-in., $8 per 100; 4-in., $15 and $20 per 100; 5-in., $35 and $40 per 100. SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Cyclamen, in bloom, 5-in., 35c; 6-in., 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

Dahlias, twelve valuable cut flower varieties. For prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DEUTZIAS.

Deutzea gracilis, 50c to 75c each. C. H. Frey, 1133 O Street, Lincoln, Neb.

DRACAENAS.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

FERNS.

Ferns for all purposes. Assorted ferns for dishes. A choice assortment, our selection of varieties, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. Boston, 3-in., 15c each; $1.25 per doz.; $8 per 100; 4-in., 25c each; $2.50 per doz.; $20 per 100; 5-in., 40c each; $4.50 per doz.; $35 per 100; 6-in., 75c each; $8 per doz.; $60 per 100; 7-in., $1 each; $10 per doz.; $75 per 100; 8-in., $1.25 each; $14 per doz.; $100 per 100. Vaughan's Seed Store, Chicago and New York.

Ferns, dish ferns, including aspidium, cyrtomium, falcatum, Pteris Mayi, Wilsoni, etc., $3 per 100; $25 per 1,000. Adiantum Croweanum, 5-in., 20c; Adiantum Glory of Mordrecht, 5-in., 35c; 4-in., 25c. Cibotium Schiedei, 5-in., 75c; 6-in., $1. The Storrs & Harrison Co., Painesville, Ohio.

Boston ferns, 2-in. $3.00 per 100
Boston ferns, 3-in. 6.00 per 100
Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.
Boston out of bench, $10.00 and $15.00 per 100.
Pteris out of flats, $1.50 per 100 clumps; shipped in flats. $1.50 per flat. Cash.
ERNEST ROBER, WILMETTE, ILL.

Ferns, special offer on Boston: 5-in., 22 to 24 ins. high, 20c each; 6-in., 2 to 2½ ft. high, 35c each; 7-in., 2 to 2¼-ft. high, 60c; specimens in large sizes, 8-in., $1; 9-in., $1.50; larger specimens, $2, $2.50 and $3. Cyrtomiums, 3-in., $1 per doz.; 4-in., $1.50; 5-in., $2.50; 6-in., $5. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Ferns, Boston, 4, 5 and 6-in., 15c, 30c and 40c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ferns. Boston and Whitmani, 3-in., 4 in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Rubbers, 5 and 6-in., 35c to 50c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

FUCHSIAS, good assortment, strong rooted cuttings, ready now, $1 per 100 cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

GERANIUMS, Mme. Buchner and Castellane, extra strong 2½-in., $3 per 100; $25 per 1,000. CRABB & HUNTER FLORAL CO., Grand Rapids, Mich.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and four other varieties, 2½-inch pots, $3 per 100; $25 per 1,000. Joseph H. Cunningham, Delaware, O.

Geraniums, S. A. Nutt, 2¼-in., $2.50 per 100; $25 per 1,000. The Storrs & Harrison Co., Painesville, Ohio.

Geraniums, 2 and 2¼-in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, Buchner, etc., $2.50 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 3 and 4-inch, 7c and 10c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Lady Washington, strong 4-inch stock, best varieties, 12½c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, March 29 to Apr. 15, S. A. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

GLADIOLUS.

Gladiolus: Mrs. Francis King, extra, $12.50 per 1,000; 1st size, $9 per 1,000; 3,000 for $25; 2nd size, $7 per 1,000. Augusta, 1st size, $12 per 1,000; medium size, $10 per 1,000. America, 1st size, $12 per 1,000; medium size, $10 per 1,000. Hyde Park, $60 per 1,000. Princeps, $30 per 1,000. Florists' mixture, light, $15 per 1,000. Vaughan's Seed Store, Chicago and New York.

1,000 Augusta and 2,000 America gladiolus bulbs, flowering size, $20. Arthur Rueffer, in care of H. Wehrman, Maywood, Ill.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

HYDRANGEAS.

Hydrangeas, new French, 6-inch pots, 3 to 6 heads, 50c to $1 each. C. H. Frey, 1133 O St., Lincoln, Neb.

Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILIES.

Easter lilies, 10 to 12 ins. above pots, 3 to 6 buds, 10c per bud; 12 to 18 ins., 12c per bud; 20 to 30 ins., 15c per bud. C. H. Frey, 1133 O Street, Lincoln, Neb.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley pips, per 1,000 from $12 to $16. Chas. Schwake & Co., Inc., 90-92 W. Broadway, New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

Lily of the valley, Chicago Market Brand, best valley in existence, giving the best results all year around, $15 per 1,000; $8 per 500; $4.50 per 250; $2 per 100. Florist Money Maker Brand, best Valley at moderate prices, $13 per 1,000; $7 per 500; $4 per 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, cold storage, extra select, very best, $2 per 100; $15 per 1,000; Hamburg, $1.50 per 100; $12 per 1,000. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Lily of the valley pips, from cold storage, 2,500 to case, $17 per 1,000; new crop, 1,000 to case, $16 per 1,000. St. Louis Seed Co., 411 Washington St., St. Louis, Mo.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST., CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Tree seeds, fir, hemlock, spruce, cedar, pine, arbor-vitae, larch, oak, maple, cherry, catalpa, syringa, rhus, cornus. For varieties and prices see advertisement elsewhere in this issue. The D. Hill Company, Box 404, Dundee, Ill.

E. TURBAT & CO., Nurserymen, ORLEANS, France, grow all outdoor Nurseries stocks; FRUIT, Ornamental and Forest. Wholesale list on demand.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ONION SETS.

ONION SETS—32 pounds to the bushel. Crates 1 bu. 15c; 2 bu. 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our onion sets. YELLOW DANVERS SETS, ½ pk., 35c; pk., 60c; bu., $2. WHITE SILVER SKIN SETS, ½ pk., 35c; pk., 60c; bu., $2. RED WETHERSFIELD SETS, ½ pk., 35c; pk., 60c; bu., $2.
J. BOLGIANO & SON.
Almost 100 years' established trade.
BALTIMORE, MD.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in. pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Palms, Kentias, 20 to 24 inches above pot, 50c each; 28 to 30 inches above pot, $1 each; 30 to 36 inches above pot, $1.75 each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00
9-inch tubs,	6 to 7,	58 to 64....	7.50

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
6-inch pots,	5 to 6,	34 to 36....	1.50
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	...$1.50
7-inch pots, 3 plants in a pot,	36 to 38...	2.50
7-inch tubs, 4 plants in a tub,	38 to 40...	3.00
8-inch tubs, 4 plants in a tub,	38 to 44...	3.50
8-inch tubs, 3 plants in a tub,	48 to 54...	5.00
8-inch tubs, 4 plants in a tub,	52 to 56...	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Kentias, 5 and 6-inch, 75c and $1 each. Phœnix Rœbelenii, 8 and 10-inch, $2 to $4 each. C. H. Frey, 1133 O St., Lincoln, Neb.

Kentia Seed, Forsteriana and Belmoreana. McHutchison & Co., 17 Murray St., New York.

Palms. Julius Roehrs Co., Rutherford, N. J.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

125,000 PANSIES, Romer's Prize Winners (Germany). A grand collection, extra strong plants; worth more money, 50c per 100; $3.50 per 1,000, prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

Pansy plants, giant flowering, transplanted, $1.50 per 100. Jos H. Cunningham, Delaware, O.

PEPPERS.

CHRISTMAS PEPPERS, strong 4-inch bushy plants, full of berries, $10 per 100. A. T. Hey Floral Co., Maywood, Ill.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, from dbl. seed, $2.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULAS.

Primula obconica, 4-in., 15c; 5-in., 25c each. C. H. Frey, 1133 O St., Lincoln, Neb.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

Privet, California, 2-year, 2 to 3 ft., 3 to 4 ft.; 3-year, 3 to 4 ft., 4 to 5 ft. Amoor River, 1-year, 12 to 18 inches, 2-year, 1½ to 2 ft., 2 to 3 ft. Berberis Thumbergii, transplanted, 9 to 12 inches and 12 to 18 inches. J. T. Lovett, Little Silver, N. J.

200,000 CALIFORNIA PRIVET all sizes, 12 to 18, 18 to 24, 24 to 30 at $12, $15 and $20 per 1,000; fine stock. 50,000 SHRUBS and VINES low. Get trade list. 1,000,000 frost proof cabbage plants now ready. BENJ. CONNELL, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

California privet, 2 to 3-year-old bushy plants, cut back twice, $9 per 1,000, in lots of 20,000 or more. Guarantee Nurseries, Trenton, N. J.

RHODODENDRONS.

Rhododendrons, all colors, $1.50 to $2.50 each. C. H. Frey, 1133 O St., Lincoln, Neb.

ROSES.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROOTED ROSE CUTTINGS, Pink Killarney, White Killarney, Richmond, $2 per 100; $18 per 1,000. Bench rose plants, American Beauty, Pink Killarney, Richmond, $6 per 100; $50 per 1,000. Extra fine stock. Ready now. Satisfaction guaranteed. GEORGE REINBERG, 162 N. Wabash Ave., Chicago.

Rose Hoosier Beauty, own root: 100 for $30; 250 for $70; 1,000 for $250. Grafts: 100 for $35; 250 for $82.50; 1,000 for $300. F. Dorner & Sons Co., LaFayette, Ind.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Roses, bench plants, Killarney, Richmond, Milady, Maryland, Ward, Shawyer, $6 per 100; $50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

Roses, Jessica, Teschendorf, Crimson Baby, 4-inch, 25c each; 6-inch, 60c to $1 each. Tea roses, 4-inch, 20c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Hoosier Beauty, own roots: 100 for $30; 250 for $70; 1,000 for $250. Grafts: 100 for $35; 250 for $82.50; 1,000 for $300. The E. G. Hill Co., Richmond, Ind.

E. TURBAT & CO., Orleans, France. Enormous stock of Rose Trees, old and new varieties. Wholesale list on demand.

Roses, all the leading varieties. For prices see advertisement elsewhere in this issue. Vaughan's Seed Store, Chicago and New York.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

Roses, 1-yr., 2½-in., 2-yr., 4-in. Leedle Floral Co., Springfield, O.

Roses. W. & T. Smith Co., Geneva, N. Y.

SALVIAS.

SALVIA BONFIRE, strong 2-inch, $1.75 per 100; R. C., 75c per 100. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

SANTOLINAS.

SANTOLINAS, 2¼-in., $20 per 1,000. CRABB & HUNTER FLORAL CO., Grand Rapids, Mich.

SEEDS.

Seeds, garden, beet, carrot, radish and spinach. Vilmorin's Paris Golden Yellow celery, crop 1914 in 14 lb. bags, $12 per lb. Gradus, T. Laxton, Sutton's Excelsior and Ameer peas, $4 per bu. Alaska, $3.50. I. N. Simon & Son, 6 North Front St., Philadelphia.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, Dreer's famous American Asters. For varieties and prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Ginseng, $1 1,000. Specialty Farm, Rockford, Minn.

Spanish pimento seed, $1 per trade packet or $2 per oz. L. C. Adsit, Jamestown, Ohio.

SHAMROCKS.

Shamrock plants for St. Patrick's day, 1-inch and 2-inch, $3 per 100; $25 per 1,000. Feb. and March delivery. Poehlmann Bros Co., Morton Grove, Ill.

SMILAX.

Smilax, 2½-inch, $1.25 per 100; $10 per 1,000. J. C. Schmidt, Bristol, Pa.

SPIREAS.

Spirea Gladstone and Alexandria, 6 to 7-in. pots, 35c to 75c each. C. H. Frey, 1133 O St., Lincoln, Neb.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

TRITOMAS.

Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

VINCAS.

VINCA VINES, strong 4-inch stock, variegated, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca Var., 3 and 4-inch, 6c and 10c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Vinca Variegata, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

TO EXCHANGE.

To exchange—chrysanthemums, coleus, smilax clumps, alternantheras and Mme. Salleroi to exchange for rose plants or rooted White Enchantress Carnations. Fairview Greenhouses, Belvidere, Ill.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.

MICHIGAN CUT-FLOWER EXCHANGE,
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. N. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

MISCELLANEOUS.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

McCray Refrigerators keep flowers fresh and salable. McCray Refrigerator Co., 670 Lake St., Kendallville, Ind.

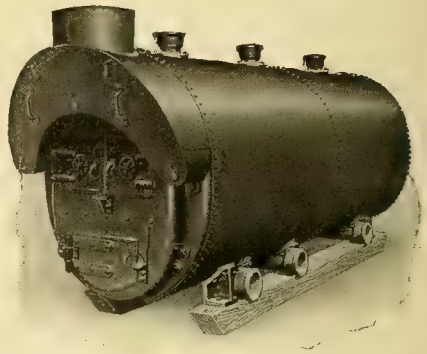
Dreer's Peerless Glazing points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Fertilizers, Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

"SUPERIOR"

INTERNAL-FIRED BOILER

For Hot Water Heating



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CHICAGO

KING

The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

KING CONSTRUCTION CO.

29 King's Road, N. Tonawanda, N. Y.

Mention the American Florist when writing.

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

—Send For Prices—

404-412 East 34th St, NEW YORK

The Regan Printing House

LARGE RUNS OF

CATALOGUES

OUR SPECIALTY

WRITE FOR PRICES.

527 Plymouth Place, CHICAGO

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.

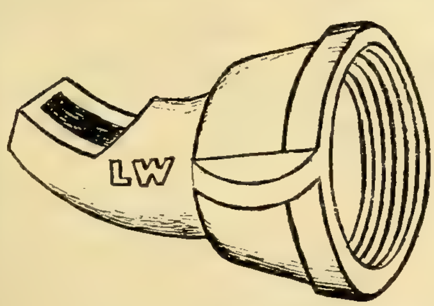
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Florists' Wire Work at lowest prices. Komada Bros., 1008 Vine St., Philadelphia, Pa.



Little Wonder Rose Nozzle

35 Cents Each.

MORTON GROVE, ILL., Feb. 19, 1915.

Garland Mfg. Co., Des Plaines, Ill.
Gentlemen:—The spraying nozzles you supplied us do the work they were intended for in a very satisfactory manner and I am surprised that they are not more commonly used.
Sincerely yours, POEHLMANN BROS. CO.
Per A. F. Poehlmann, Sec'y.

GARLAND MFG. CO., Des Plaines, Ill.

Manufacturers of the Celebrated Garland Cast Iron Greenhouse Gutters.

Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

Lot No.

XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½ 100 running ft........ ....$ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft..................... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas..... .... 27.00
XJ-45—Standard Hot Bed Sash, 1⅜-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each...... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll..............................$1.90 to 1.13
XJ-48—First-class second-hand Heating Boilers in any desired size. Very lowest prices.

HARRIS BROTHERS COMPANY, Owners
Chicago House Wrecking Co.,
35th and Iron Sts., Chicago

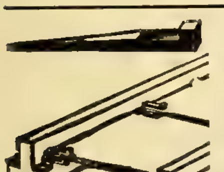
Mention the American Florist when writing.

GLASS

We are leaders. Large stock, good prices.

SHARP, PARTRIDGE & CO.
CHICAGO, ILLINOIS.

Mention the American Florist when writing.



Siebert's Zinc Glazing Points.
Good for small or large glass, do not rust, easy to drive, ⅝ and ⅞ inch. Per lb. **40c**, 5-lbs. **$1.85.** 20-lbs., **$7.00**
Vaughan's Seed Store
Chicago New York

Mention the American Florist when writing.

Everything for the Greenhouse

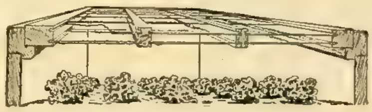
J. C. MONINGER COMPANY,

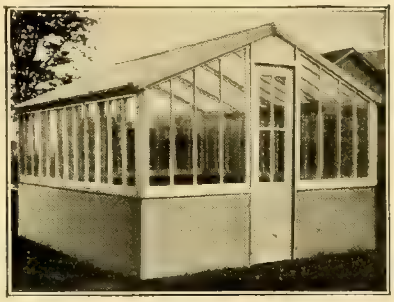
CHICAGO	CINCINNATI	NEW YORK
902 Blackhawk St.	Union Central Life Bldg.	Marbridge Bldg

Boilers OF HIGH GRADE.....

For GREENHOUSES

See Our Catalogue.
Steam and Hot Water **GIBLIN & CO., Utica, N. Y**


Two layers of glass instead of one


One small inexpensive greenhouse made of Sunlight Double Glass Sash.

Early plants make the profitable garden

You cannot possibly have vegetables ready for the early prices or flower beds to bloom right unless you use hot-beds and cold frames for starting and expediting them.

Now is the time

Sunlight Double Glass Sash make the earliest and strongest plants at the least cost of labor and money. They are complete *without* mats or shutters. As they are never covered the plants get all the light and warmth that the sun affords and are secure against the cold night and day.

Expert gardeners and florists, men who know from experience, look upon the Sunlight Double Glass Sash as the standard of efficiency in gardening.

Immediate shipment is made and freights are equalized to the customer according to the distance. Ask about this when you write—and write today.

Get our catalog

This book points the way to bigger profits in gardening. It gives the actual experience of growers all over the country—tells how they, with the aid of Sunlight Double Glass Sash grew bigger, stronger, earlier plants which yielded the big, early market prices.

This catalog is *free*. If Prof. Massey's booklet on the care and use of a hot-bed, cold frame or a small greenhouse is wanted, send 4c in stamps.

SUNLIGHT DOUBLE GLASS SASH CO.
934 E. Broadway Louisville, Ky.

A "RED DEVIL" WITH SEVEN WHEELS

A magazine cutter with a hardwood handle in which are six extra steel wheels. A reserve wheel always ready in case of accident. A "Red Devil" glass cutter you should have in your greenhouse for cutting **any kind** of glass—your local hardware man sells them. Ask for "Red Devil" No. 5, but get the genuine. Send us ten 2c stamps and we will send you ONE only as a sample.

SMITH & HEMENWAY CO.,
170 Chambers Street, NEW YORK.

Mention the American Florist when writing

Wired Toothpicks

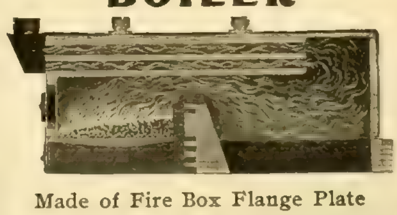
10,000 $1.75; 50,000 $7.50. Manufactured by

W. J. COWEE, Berlin, N. Y.

Sample free. For sale by dealers.

Mention the American Florist when writing.

KROESCHELL BOILER



Made of Fire Box Flange Plate
Can Not Crack

Water Space in Front, Sides and Back
The Most Popular Boiler Made
SEND FOR CATALOGUE

Kroeschell Bros. Co.
452 W. Erie Street, CHICAGO

Established 1765 FOR "POT LUCK" USE Incorporated 1904

HEWS STANDARD POTS

POT MAKERS FOR A CENTURY AND A HALF.

AND RED EARTHENWARE SPECIALTIES.

WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES: Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates
Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000	1¾-in.,	crate,	$6.00	456	4½-in.,	crate,	$5.24
1500	2	"	4.88	320	5	"	4.51
1500	2¼	"	5.25	210	5½	"	3.78
1500	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
800	3½	"	5.80	60	8	"	3.00
500	4	"	4.50				

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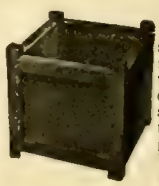

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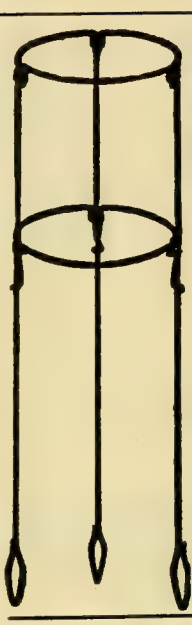

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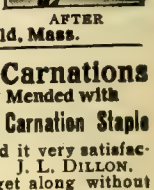

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Vol. XLIV. CHICAGO AND NEW YORK, MARCH 20, 1915. No. 1398

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

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Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

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Annual convention and exhibition at Newport, R. I., July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 131-33 West Twenty-eighth street, New York, Secretary.

Haste, Spring, or Linger.

Arm, arm, anemone!—
  Up, lazy daffodil!—
You sleepy, sleepy willowbud,
  Art dreaming, dreaming still?
For shame, you tardy violet!
  For shame, you recreant rose!—
Hark, how the herald jonquil now
  His golden trumpet blows!
A good month's march to vanward
  Of the spring's embattled train
He sounds his ringing challenge 'gainst
  The lances of the rain—
Ho, blooms!—charge down the wooded slopes
  Upon your wintry foes!
Up, up! The gallant jonquil now
  His golden bugle blows!

—New York Sun.

SUGGESTIONS FOR EASTER.

Easter Preparations.

Easter, the great flower day of the year, is now almost at hand and the growers and retailers must both be prepared to meet the demand that will probably tax all the ability and capacity possessed. The grower has, of course, been a long time making preparations to have the stock in the pink of condition and the retailer should also provide himself with all the necessary stock and accessories at as early a date as possible. The supplies should be procured at least two weeks before the great day, so that the energies of all the force can be expended upon finishing the product, waiting upon the trade and seeing that the deliveries are properly made and the decorations arranged in an artistic manner. The stock of baskets for plants, ribbons and decorating them and tying the flowers, paper, boxes and numberless other supplies should all be looked over and where necessary replenished. It is poor business to wait until the last minute and worry over these details which can be attended to early and take time that can be more advantageously spent with the other necessary work. There will probably be something called for, the sale of which cannot be foreseen, so it is best to get everything that it is known will be required as early as possible.

Whatever plants are to be procured should be ordered early, and wherever it is possible a visit made to the growers' houses and a personal selection made. The winter has been unusually trying, with prolonged dark weather, and it has been difficult in many cases to keep up the right temperature, and even where the heat has been maintained the plants have been retarded, so that much will depend on the three weeks before Easter to have them in the best of condition, and it will pay the buyer to look over the stock. This should be done early, for the large buyers sometimes place their orders two months before Easter in order that they may be assured of the stock and of a good selection. No two plants grow alike and although as far as descriptions go they are the same, in pot, size and bloom, yet placed side by side one may be much more valuable than the other, so there is much in selection, and it is a great advantage to anyone to go and inspect the plants in the greenhouses and to pick out the ones desired and have them held until the proper time of delivery. If baskets of plants are to be made up, and this is one of the growing features of the Easter trade, a supply of small ferns, asparagus and other greens will be necessary to properly finish them and these can be obtained at any time and be on hand when wanted. To successfully conduct a business when such a large increase for a few days is expected, it is necessary to do everything that can be done previous to the demands of the customers and at as early a date as possible.

Rambler Roses for Easter.

The rambler roses now occupy a very important place with the principal stores. The great improvement in varieties which has been made during the past few years has enabled the grower to present these beautiful plants in a great variety of colors ranging from the brightest crimson through the shades of pink to white, and the Baby rambler produces a fine small plant well covered with bloom. The ramblers are grown not only in bush form, but in many grotesque shapes, being trained as ships, umbrellas and in basket form. Hydrangeas, if well bloomed, are among the most popular Easter plants and they are very decorative, either in church or residence. While these can never be grown and offered at low prices, for a plant with four to six large heads will require much valuable space for a long period, yet they last a long time in bloom and the purchasers get their full value if they will but take proper care of the plant. Spireas are one of the best low-cost plants of the time. The older varieties make a splendid show for a little money and can be used very largely in church decorations. In selling the plant or in placing it in a decoration be sure that it is well watered before it leaves the store or greenhouse. Genistas are grown in quantity for Easter and many growers have them in fancy forms, such as baskets, pillars, pyramids and balls. Another yellow flowering plant that is

highly regarded in some sections is the acacia, beautifully grown specimens of these plants being displayed by the large dealers. Cyclamens in splendid shape are invariably offered for Easter and primulas, especially P. obconica, are grown extensively for sale at this time and many of the heaths are produced for the Easter trade. Another beautiful plant that is largely grown is the bougainvillea, and splendid specimens are produced of this showy plant and they always attract attention.

Plant Baskets for Easter.

The sale of plant baskets at Easter is made as important a feature as it is at Christmas and they occupy a prominent place in the trade of the principal stores. They can be made up in beautiful combinations at this time, for there is a wealth of material for this work. The baskets can be procured at very low prices with metal pans in which the plants are placed, and by careful planning and buying, taking combinations can be put up at reasonable prices. A point that seems to be lost sight of by many growers is that in these plant baskets or boxes can be used much stock that cannot be disposed of in any other way. The most successful and careful grower of plants is sure to have some that are not perfect specimens, either growing more or less one-sided, or having one part not well covered with bloom; and these can be used advantageously in their plant combinations, making the basket less expensive and at the same time getting good returns for what would otherwise be a loss. This is a line of the business which ordinarily requires a fair degree of salesmanship to properly show the advantages of these beautiful offerings, but when they are properly put up and well shown they are a valuable feature of the Easter trade.

Easter Plants.

Easter has become a great plant day, not only for church decorations, but it has also been a growing practice with the public to make presents of blooming plants to friends at this time. First among these are the lilies which are grown by the thousands for the day. With all the disadvantages of weather and temperature which the grower has experienced this year, it looks as if the supply would be good. The general reports are that most of the stock is of excellent quality. The prices quoted, notwithstanding the increased cost of growing, are about the same as in previous years. Next to the lilies are the azaleas, and these are in very fine condition. The varieties grown are those which have attained the greatest popularity with the trade. Mme. Van der Cruyssen, Prof. Wolters, Empereur de Brazil, Niobe, Dr. Moore, Apollo, Bernard Andrea Alba, De Schryveriana and others not so well known. Bulbs are always grown in great quantities for Easter and thousands of pans of tulips, narcissi and hyacinths are annually bloomed for this great flower day. They make a gorgeous show and are emblematic of the awakening of spring which Easter symbolizes, and as they can be produced and marketed at a low price they are great favorites at this time. Lily of the valley in pans are one of the most popular Easter plants and these when well grown find a very ready sale.

SALEM, ORE.—Waldo O. Mills has opened a flower shop at 143 North High street.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Advertising Flowers.

The way to advertise flowers is a problem many florists have tried to solve with varying success. The following, quoted from a recent issue of the New York American, tells how August Lange, the well known Chicago retailer, made small display advertisements pay. This newspaper devoted a quarter page of its space in appreciation of the idea, advising its patrons to do likewise:

"In the city of Chicago there is a florist who grew tired of standing around waiting for business to come to him. While his roses wilted and lost their bloom, he pondered over the problem. Many plans were presented

August Lange.

to him. He devised many schemes of his own. But when he sifted them to the bottom he found them defective. No matter which way his mind turned, it encountered advertising, but knowing nothing about advertising, he considered it impossible on account of his preconceived idea regarding the expense. He finally sought the advice of a small merchant who constantly used the newspapers in a modest way. 'How can I advertise flowers successfully?' he asked. The small merchant thought a moment and then suggested: 'Why don't you sell—every Saturday—a box of flowers for a dollar? Offer something different each week. Give more flowers for a dollar than any one in Chicago ever heard of, and see that they are fresh and attractive.' 'I'll do it,' declared the florist, as he hurried away to prepare for his first sale. That was several years ago. Today that once discouraged florist sells more flowers than any other florist in Chicago. Thousands of those dollar boxes find their way into the homes of the 'Windy City' each week. Hundreds are shipped to customers in the surrounding territory. Today that florist is big, but he is growing bigger. He is rich, but he is growing richer. He confines himself to small space and is a firm believer in newspaper advertising. He not only sells flowers for a dollar a box, but he is recognized as one of the leading florists of the middle west. He has captured the better proportion of the so-called high-class trade in every branch of his business. He advertised flowers at a bargain price, but—he realized that nature does not impose upon God's creatures in the manufacture of flowers. The violet is as fragrant and beautiful in the dooryard of the peasant as it is in the garden of the king. By advertising he created a wonderful reputation for selling the best at the lowest prices. He accomplished all this by advertising—starting in a small way."

In the Store at Easter.

MAKING THE MOST OF THE OPPORTUNITY.

Some men have said "There is nothing in a holiday rush." While there is a large business, yet the waste, the stock left over, the extra help and other incidental expenses, very nearly, if not quite equal the profits. Others there are, and they constitute a great ma-majority, who are alive to the importance of the holiday times, such as Christmas and Easter, and bring all their business acumen to bear to make the most of the opportunity. At such busy seasons one is sure to see the great majority of his customers as well as a great many strangers, occasional flower buyers, who, if they are pleased, may be brought into and become regular patrons of the store. To please the old and encourage new customers, the enterprising florist puts his whole heart in the work and gets together a stock, staple and varied, with all the new things of merit that he thinks will suit his trade.

SELECTING AND ARRANGING THE STOCK.

It is the exception that really good things are left after the holidays; mediocre and damaged things hang fire; also stock not just right for the market. This latter is the cause of much of the waste. Buying stock because it is cheap or offered at a low price, is the poorest kind of policy; better have 50 choice plants, each as good as the other, than 100, half or more of which are seconds, as a few bad or indifferent looking plants will spoil an otherwise good stock and cheapen the whole lot. Better pay a little more and get the choice, buying 75 rather than 100 for the same money. Each plant will be salable, and the waste, if any, will be reduced to the minimum. In the average city store, plants that sell for less than 50 cents, or more than from $5.00 to $8.00, are to be avoided. The cost of delivery is too great for the low-priced plant, and while a few higher priced or choice specimens stand out and help the appearance of the store and may find customers, the popular price for a gift plant is from $2.50 to $5, and as a rule but few of this class will be found on hand when the inventory is taken.

It is not best to get the stock all in early in the week; the rush days are the last three, and by Saturday, Monday's stock is in rather bad shape. Many city stores could not begin to get all they handle in the store at one time. In some the space is so limited that they sell from sample and fill orders from stock in an annex rented for the week as near the store as possible.

The successful handling of the large volume of business depends largely upon the systematic way in which the work is carried out. If the right quantity of the different grades of stock is well bought, and is ordered for different periods of the week, all this de-

EASTER BASKET BY THE GEO. WITTBOLD CO., CHICAGO.

Erica, Genista, Primula Obconica, Rambler Rose, Lily and Nephrolepis.

tail being settled before the business opens, there is then time for other pressing matters, of which the proper arrangement of the various plants is of much importance. As far as possible keep each kind of plant together; a block of hydrangeas, another of azaleas, the whites together, the pinks alongside, the same with roses and lilies and the specimen plants elevated on pedestals. A number of plants together are more attractive with their solid red or pink than a promiscuous harlequin of color. The baskets and pans of bulbous stock should have a place for themselves, as their decorations should have space to be seen.

Seeing that stock is properly watered is very important; plants that are delivered dry, particularly in the afternoon, are a sorry sight the next morning in the average dwelling, and much trade has been lost through vexations of this kind. Hydrangeas particularly, are great drinkers, and should be given water freely. Should complaints come in of this character, don't argue, but send a new plant. It will pay—better lose $1 at first than $10 later on.

EFFICIENT DELIVERY IMPORTANT.

As far as possible deliver all cut flower orders on Sunday morning. A good system is to have one or two men who know the trade select the flowers. When Saturday's business is finished, the cut flowers, kept in their original boxes, are brought out, the stock for each order selected is then given with the addressed tag and card to the other employees, who carefully box them up, pinning the address tag on the box, which goes to the wrapper, and is soon ready for routing. When all orders are up, then begins the routing, which, if carefully done, greatly expedites delivery.

RECIPROCATING FAVORS.

Easter is a good time to pay debts. One feels they are under obligations to this or that person, who are in a position to do the house a favor, and who have on occasion remembered them, or thrown work in their way. A nice lily, azalea or rose, or perhaps a box of flowers, a corsage of violets or other flower, will be much appreciated by the recipients, and is hardly missed from the stock necessary to be carried. Many an unsold plant has gone to waste that might have been turned to account in this way.

SOME POPULAR ARRANGEMENTS.

A few of the good sellers that are not seen in every stock are worth nothing. The lily is the great Easter plant, and combination plants of these, although high priced, generally find buyers. Get a sugar pail or bucket about 12 inches in width and 10 inches in depth, take off the handle, give two or three coats of white paint, and then gild the iron bands. When planted with lilies these tubs have a rich appearance and readily bring $5 to $6 from those who can afford them. Pans of bulbous stock, if planted in larger pans and edged with maidenhair fern, sell readily at almost twice the original price. A new box this season, and a very practical one, has a lattice at the back, giving a trellis effect: another advantage is that all the plants are arranged to show to the front, so that the display is much greater, as all are seen at once, nothing being lost to view on the other side. This is an enlargement of the small imported trellised box placed on the market last season. It will have a great run at Easter this year.

K.

On Time.

"Punctuality is the life of trade" is a maxim that should be posted in every flower shop; there is no business in which promptness of delivery counts for as much as that of the florist. To attain any degree of success the house must get a name for promptness. It is at times difficult to live up to such a reputation, but it is worth overcoming all obstacles to get and keep the name clear in this respect. System is a great help and this together with keeping an hour or two ahead of the schedule relieves the pressure and prevents congestion. There are times, of course, when everything appears to be late—this may be caused by a rush that might perhaps have been avoided if the next day's work had been looked over before the store was closed. Work to go out early in the morning should as far as possible be prepared the night before. The first thing in the morning is the funeral work, and very often this comes in bunches, a good deal to do at one time, and then a lull. It is these rushes that one must be as far as possible prepared for. First, see that there is sufficient stock; if not, it should have been secured the night before and save the time wasted in good help and delay in making up the next day. Very often late orders come pouring in and demanding instant attention. If the work on hand is well under way these commissions can be given proper attention and are much more satisfactory to all concerned. The vital matter of profit is also very often overlooked in the excitement of the various rushes that at times strike the average flower shop. Much stock is used that is more expensive than need be, because it is pensive than need be, because it is handy and there is not time to get more.

When everybody is working under pressure and the clock is making overtime in its hurry, it is very annoying to have to spend five minutes at the telephone in explaining why the flowers are not there to a nervous and oftimes indignant customer.

Always be prepared with boxes for delivery, as when it is discovered at the last minute that there is nothing on hand large enough the piece has to be packed in a misfit, or hastily constructed, box made out of two smaller ones and the result is anything but business-like. Orders should be marked an hour in advance of the time wanted, and while this is known in the store, it has its effect in keeping things moving. Often when a number of orders are to go in one direction, yet are several hours apart, it is best to get them all up in time to go out with the earliest to be delivered and save after delay, as at times it seems as if orders come from all points of the compass; the routes are long, all the boys are soon out, and it requires careful studying to keep up to the schedule. The light-running autos like the Ford and other similar cars are fast coming into general use with those who have constant work for them and they have constant very satisfactory. Suburban deliveries are greatly facilitated by the use of these speedy machines.

K.

Florists' Telegraph Delivery.

WRONG IMPRESSIONS.

You will hear with your ears wide open.
You will see with your eyes taking keen observation.
Doing both, you will commence "to think" and reason.

Not long ago I had the pleasure of watching a good, high-class retailer, one of the kind that do not associate with the ordinary florist, but who have placed themselves on a perch almost near enough to reach St. Peter himself. A little Florists' Telegraph Delivery argument was begun, and to my surprise this man made the assertion that he would not handle any telegraph order for less than four dollars. My first shot at him was, that the man send-out small orders, many times follows

EASTER BASKET BY SAMUELSON, CHICAGO.

Hydrangeas, Baby Ramblers, Azaleas and Whitmani Ferns.

EASTER BASKET BY O. J. FRIEDMAN, CHICAGO.

Spanish Iris, Mignonette, Marguerites, Pansies, Jonquils, Candytuft, Sweet Peas and Asparagus Plumosus.

along with larger ones. This argument did not seem strong enough with him, so standing alongside of his daily delivery, I sized up the parcels with the addresses on them. Among them were some pot tulips and hyacinths, which sell for $1.50 to $2.00.

Now tell me, please, Mr. Businessman Retailer, what is the difference between a person coming in from the street and purchasing a $1.50 or $2.00 plant, and maybe take a half hour of your time to select this, or whether a messenger boy brings in a telegram from some out-of-town florist for an order amounting to $2.00 for a flowering plant? Think this over very carefully and let me hear from you. Please do not think that I am an advocate of relaying small orders, but let me assure you that I am true to the standard of the retail florist business. There are as many small and queer criticisms passed by retailers, who at a second thought, or rather taking enough time to think before they speak, feel really sorry for putting up some ridiculous arguments.

I hope some one will challenge the above arguments and write an article on such problems; it may help a great many of our florist brothers, and I am surely willing to learn and hear what the other fellow thinks

"F. T. D." POCHELON.

Hotbeds.

A row or two of well fitted-up hotbeds are a great help to every grower of bedding plants. They can be started up soon after the middle of March, a time when the bedding plants are crowding the benches in the greenhouse to their utmost. The plants that need bottom heat can then be transferred to the hotbeds, making room on the benches for other lines of stock which do not require the strong bottom heat.

The cemetery greenhouse departments growing a large number of alternantheras and other plants that must have bottom heat to push them along for spring planting, consider the hotbed a very important part of their equipment, and have large sections of them in use. These are usually steam-heated beds and are a big improvement over the manure-heated hotbed. The frames are mostly made of 2-inch planks, the outside measurements 18 inches high on the north side and 12 inches on the south and wide enough to carry the standard six-foot sash. The inside of the frames are filled with a light soil up to about 12 inches of the sash on the north side, sloping it down to eight inches on the south. The method of heating the beds we have in use is to sink three lines of 1½-inch steam pipes about 12 inches deep, one line in the center and one each at equal distances towards the back and front of the frame. A valve is fitted at the end for turning the steam on or off as required, and on the other end there is an air tap, which is kept partly open at all times to give circulation. These lines of pipe do not have returns to the boilers. The steam pipes are covered entirely with soil, making an even solid bed. Before putting any plants in the frames, the steam is turned in two or three days ahead to thoroughly warm up the beds. It takes but a little while for the temperature of the beds to run above 85 or 90 degrees and this is where the valve comes in useful for regulating the heat. It is seldom necessary to have the steam running through the beds continuously, but it

is very important that the sides of the frames are in good repair; a cold draft blowing in will quickly chill the tender plants growing in this high temperature. Small blocks of wood should be provided for airing the frames when it is necessary. The principal object for using hotbeds, as before stated, is to give bottom heat to such plants as require it, so as to hurry their growth to make plants ready for bedding out when needed. The alternanthera is the most important of these plants and should be put into the beds as soon after March 15 as the weather will permit. They can be potted into 2, 2¼ or 2½-inch pots, according to their size or what is desired of them. Most of our stock is potted into 2-inch because we can sequeeze so many more plants in a frame.

After the soil is loosened up and levelled off, the pots are plunged in to their rims, each pot touching the other. With a little care in doing this work a neat job can be done and a hundred feet of hot bed made to hold a large number of plants. The alternanthera will need the bottom heat longer and stronger than any other plants, consequently it is best when it can be done to give them frames to themselves. Begonias, lobelias, dusty millers, ageratums, etc., that are put into the hotbeds to get a quick start, and after they are well started must be given less heat and hardened off, can be handled in a frame together, then if necessary the steam can be shut off and more ventilation given or the sash removed entirely during the daytime.

There are many uses that the hotbeds can be put to, especially by the small grower who has not greenhouse room with sufficient heat to properly care for all the plants he grows. If the frame is built higher, freshly potted palms can be given a good start by plunging them in the hotbed. The same is also true of cannas, dracænas, crotons and many other plants.

Vegetable plants are a good side line that the florist in the country towns can handle to good advantage if he has the hotbed room. Tomato, eggplant, peppers, cabbage and cauliflower plants are always in good demand in their season. These plants are best handled in flats. The seed should be sown in flats and held in the greenhouse until large enough to transplant. They can then be transplanted into shallow flats and set into the hotbeds, airing and removing them to cooler quarters to harden them off before offering for sale, but any hardening off must be done gradually or the plants will receive a check which will take them a long time to recover from. Sweet potato plants are another item that there is a good call for. The tubers of these should be cut in two and placed in the soil of the hotbed with cut side down and slightly covered with soil. Do not water until the sprouts are well started, and then only sparingly, because the tubers rot quickly if watered too much.

To furnish heat for manure-heated hotbeds, decomposing horse manure is the material used. The material should be turned over two or three times, and if it shows signs of drying out, dampen it down a little, but it must not be soaked or the heat will leave it, rendering it useless for hotbed purpose. The amount of manure required for a hotbed depends greatly on the location and the size of the bed; a deep bed of manure will last a great deal longer than a shallow one, as well as giving a higher temperature. The frames for this class of hotbed should be made so that they can be carried around, and after their work is done they can be stacked up to dry out a bit before storing them for the winter. The frames can be made the same height as those for the steam heat, and after the manure is thoroughly warmed through, it should be placed in the frame, packing it down well until a solid bed of manure about 12 inches deep is made. The outside of the frames should also be banked up to the top with manure, care being taken to make it solid enough to stay there. The beds should then be left a few days for the manure to settle. Then the fine soil can be put on and they are ready for the plants.

C. W. JOHNSON.

THE ROSE.

Richmond and Killarney.

ED. AMERICAN FLORIST:

At what stage of growth should Richmond and Killarney roses be pinched to secure longer stems? Should the blind wood be cut out of Killarney roses? F. S.

South Dakota.

Replying to the above we will state that it doesn't really make much difference in what stage of growth the Richmonds are pinched in order to produce longer stems, unless one desires to time a certain crop sometimes. To retard a crop somewhat, when cropping for Christmas, for instance, the buds can be left on until they are well colored, and then pinched two eyes below the buds. At other times, the buds are taken about the time they attain the size of a garden pea. They should then be snapped out at the second leaf below the buds. The growth at this stage is soft and brittle, and one can usually discern the proper eye to pinch back to, as the eyes will be well formed at this stage and should be plump. Younger growth can be pinched, but one is apt to go too low or too high if the bud hasn't formed. It is seldom necessary to thin out any blind wood that is carrying good foliage.

On Killarney often a blind growth will break into clusters at the end of the growth; by cutting this back to a good eye they usually produce fair blooms. The only time it is practicable to take out the blind wood is when pruning the plants in summer after resting them preparatory to carrying them over. E.

Care of the Stock.

The rose cuttings should not be allowed to become over-rooted in the sand, as stated previously. The roots, when about ½-inch or so in length, are right, as very few are broken when potting off. With the exception of American Beauty, the other varieties can be potted into 2¼-inch pots, but American Beauties will take 2½-inch, except perhaps where the wood taken was rather small.

The soil should be a stiff loam, containing considerable root fibre, to

EASTER BASKET BY W. W. ADAMS, CHICAGO.

Rhododendrons, Faster Lilies and Pussy Willows.

which mix about one part well rotted cow manure, to four parts loam. Screen both through ½-inch mesh screen, and have the soil slightly moist when potting, and when potting settle the soil principally by thumping or jarring the soil down firmly instead of pressing with the fingers too much, as this will break many tender roots. Roses should never be potted with a rush, but handled skillfully and carefully. Do not take out too many at a time and those that are being potted should be kept in a flat, covering the bottom of same with a layer of wet moss. After potting, select the very best place you can find on the range to receive them; a bench that gets lots of sunshine, and one that is far enough away from the ventilators to avoid draughts. The sides of the bench should not be higher than the pots after a good layer of screened coal ashes has been firmly packed on same. Never plunge the pots—water thoroughly and shade carefully through the middle of the day, if bright, until new root action is noticed. Then the shading can be discontinued. The shading as prescribed for the propagating bench can be employed for this purpose; that is, light cloth tacked to light wood frames. Do not shade with newspapers by laying them directly over the plants. This will exclude the air too much. If papers are used, elevate them. Spray during bright weather daily, and water carefully with a can, first spouting the dry plants that may be found here and there, and never let the soil get dry. Try to strike the happy medium, which is just wet enough to pack firmly, but not soggy. Shift all rose stock after each growth is well opened, or, in other words, do not let two growths be made in one size pot. Suggestions for shifting will follow in season.

Do not let the grafted stock become crowded on the bench, as they grow so rapidly as a rule that they will become drawn and make a spindly growth. When removing the grafts from the case, examine the ties carefully and replaee where found broken or unwound. Set the plants in rows, touching each other crosswise the bench, and give them room by spacing between the rows. This will enable one to syringe forcibly, without upsetting the plants, and also spray from a different side of the bench daily. If the red spider is kept from the young stock, one seldom has much trouble later, as very often the spider accumulates on the mother, or pot plants, close to the pots, and later, when planted out, infects the new wood. Grape dust, dusted over the young growth twice a week, will keep the mildew in check, care being taken not to be too heavy handed, and also to clean the plants thoroughly between dusting, by spraying. All grafting or propagating should be finished up by the middle of March, if possible, otherwise, unless one has especial facilities for carrying on this work (as found on some of the larger places) the strikes will be very poor and those that do come will be weaklings.

Of course the old plants will need some real looking after just now while the going is good. If the plants are vigorous, they will now want strong feeding, but, if weak or watery looking from over forcing, etc., feeding won't help them; if they are healthy, the foliage is of good color, the growths are quite short and very red in color; in the young stage they are perhaps somewhat starved from the lack of both food and water. These plants will (like the vigorous growing ones) now take a good, substantial mulch of rather fresh cow manure. Do not have them dry at the root when watering in a heavy mulch. American Beauties will require a little stronger feeding than most varieties with the exception, perhaps, of Richmond. Radiance is also a good strong feeder; also Sunburst when breaking freely on own root stock. Care should be taken after mulching, though, to avoid streaking the foliage by breaking up the mulch frequently by hand, to allow a certain amount of air to reach the soil, greatly assisting the evaporation. It is a good idea to rush the mulching along and follow with the watering while the manure is in a state to be readily broken up with the water under pressure, otherwise if the manure becomes crusted, half of the strength of the manure will be wasted. Do not attempt mulching until all of the plants have been gone over and carefully tied, and gotten out of the way as much as possible, and the beds gone over, removing all of the loose trash, etc., from previous mulches, and if the soil is almost even with the siding, it would be best to nail an inch strip to the top of the siding so that none of the mulch will be wasted. Later on when quantities of water will be used, the usefulness of this additional height to the sides of the beds will be fully appreciated.

E.

EASTER BASKET BY GEO. M. STUMPP, NEW YORK.

Chorizema.

FLORISTS' PALMS.

Spring Preparations.

The approach of Easter, with its hurry and hard work, does not affect the palm grower to the same degree it does the grower of flowers and flowering plants, from the fact that it marks in some measure the close of the season in foliage plants, the majority of the retail dealers buying but little of the latter stock after the great floral festival is over.

But in the case of those who grow for their own retail and decorating trade, the passing of Easter means that to some extent at least the plants that have been in use for decorating will now be off duty, and the plants that have had frequent exposure to gas, possibly in some cases a nip of frost, and various other injuries, will be showing the effects of a more or less strenuous season, and will be much in need of repair. Some of the palms will doubtless be too far gone for repairs, and may better be thrown away, but there are others that may be shaken out and repotted, have the leaves trimmed up in the same artistic way in which our continental friends used to trim some of the kentias that were set aside for less discriminating customers, and after a summer of careful cultivation be once more of considerable value for decorative purposes. Some of these plants may have but three or four leaves left on them, and in that case it may be better to shake out, or wash out, the old soil from the roots, and then to put two or three of such plants together in a small tub, being sure to pot firmly, and to see that the plants are thoroughly watered afterward, so that the soil will be moistened through. Such plants should be placed in a shaded greenhouse, syringed frequently in bright weather, and given a night temperature of 60 to 65 degrees, and the addition of a little bottom heat will help to start them into growth.

If, as so frequently happens, the plants have accumulated a stock of insects during the season, the best time to remove them is before the plants are repotted, as the process of cleaning, unless done very carefully, is liable to loosen the plants in the soil, and thus give them a check. For the removal of scale insects, there are numerous good soap solutions, such as fish oil soap, sulpho-tobacco soap, and others, all of which have their friends among the growers, but generally speaking these soaps will do their work with less chance of injury to the plants if the latter are protected from the sun for some hours after the soap treatment has been given. The sun gains strength very rapidly at this season, and the palm houses need shade in most instances by February 15, unless a specially cloudy period of weather be experienced about that date. This does not mean that a heavy shading is required, but simply sufficient to keep a comfortable atmosphere in the houses, and at the same time to avoid the possibility of having some of the foliage spoiled by burning from the combination of the sun's rays and defective glass. Syringing should still be done before noon, thus giving the foliage a chance to dry off before night, and as a matter of regular practice, this operation should only be done in the afternoon during hot and dry weather in the summer, such, for example, as we frequently experience in the latter part of June and during July, and during such a period the plants may need spraying twice during the day.

It is safe practice to begin airing the palm houses at 75 degrees on a bright morning, although they may run higher than this after some ventilation has been given. A rise of 15 degrees from the night temperature is a reasonable rule for the day temperature of most plants under glass, and in many instances a few degrees higher will do no harm.

The general repotting of all the palms that are in condition for handling will soon be in order, and this means a general clean up, some repairs, fresh material upon which to set the plants, whether it be ashes, gravel or sand, and a good deal of work—and this work will move along much more smoothly if proper preparation be made beforehand, such as an abundant supply of soil under cover, in order to be independent of the weather, plenty of pots in the various sizes, lumber for repairing benches, and in short the display of a little foresight so that the work may proceed in proper order.

W. H. TAPLIN.

KANSAS CITY, MO.—An attractive new catalogue is one of the advertising features of the Alpha Flower Shop. Business has been good, especially shipping orders.

MILWAUKEE, WIS.—"Vegetables and flower plants for early planting may be had from growers who specialize in this line or they may be grown on a smaller scale by the amateur," C. V. Holsinger, garden expert of the Milwaukee County Agricultural school, told city farmers in the public series of lectures free to the Milwaukee public. "In fact, half the pleasure of gardening is obtained by doing as much as possible by the grower himself. In addition it is a source of profit."

ORCHID NOTES.

Odontoglossums.

During the past 20 years the blooms of cattleyas have enjoyed a great run of popularity for cut flower purposes among commercial florists, but judging from the over production, and a gradual decline in the demand, the end seems inevitable. However, there now appears to be a drift in the direction of those species of orchids with flowers borne on long sprays, Odontoglossum crispum, and the numerous artificially raised hybrids from this variety should become competitors for this claim. Unfortunately the ways and means of growing them in this country up to the standard set by Europe, have not been discovered, despite the very fact that during the past decade a steady stream of experienced orchid growers have emigrated from there, to these shores, many of them supposed to be past masters in the cultivation of odontoglossums, yet on attempting to do likewise here they have met with little success, even though they duplicated in every respect the selfsame methods they used in growing them before leaving their native lands, and perhaps only too quickly got the prevailing notion that it is impossible to grow odontoglossums in this country. Some one among the newcomers ought to show fighting spirit enough to try and change these notions; whoever is bold enough to break away from those old-time means of cultivating this variety and succeeds in finding some other medium of achieving success with these plants, would surely earn a niche in the "hall of fame for florists" in the United States.

As is well known, odontoglossums grow quite freely for eight months of

EASTER BASKET BY SMYTH, CHICAGO.
Ericas and Primula Obconica.

EASTER BASKET BY MAX SCHLING, NEW YORK.
French Blue Hydrangea.

the year in many parts of North America, but the four remaining, or the warmest months, seem to take more vitality out of these plants than they are ever able to replace during the ensuing growing season, consequently they soon degenerate. So the question is, to find some possible means of overcoming this trouble that is so detrimental to odontoglossums in very warm weather. The supposition is, and perhaps with good foundation, that there is a superabundance of water given both to the roots of the plants and thrown about the surroundings at this stated season. The general idea in doing this is, of course, to try to keep them as cool as possible, and nothing can be more erroneous, for the simple reason that the water used, if taken from an open reservoir, is likely to be nearer 70 degrees than otherwise. Often a stream of this water may be seen running over the roof on the outside of the house with another sprayer at work under the benches inside, an operation which will naturally create a humidity that is very excessive and far too high in proportion to the normal temperature, and considering that most houses that accommodate odontoglossums are situated in some enclosed, out of the way corner, this error seems to be well grounded.

Orchid collectors say odontoglossums in their native haunts are found at a very high elevation in the Andes—just below the frost line—which must mean a changing circulation of air at all times. Now this is hard to obtain under the existing conditions of our summer, when the weather is hot and sultry, and the thermometer hugging 90 degrees. Here is the great obstacle to be overcome, and in these days when electrical appliances are in use for almost everything, it is strange that some enterprising orchid grower has not tried in some way to change the air in the houses just in the same way that indirect heat is forced through a dwelling house by electricity, only reverse it—send cold air instead of hot, anything to make a circulation, not too brisk, but enough to change it, by driving out the dead air and replacing it with sweet, fresh and cold air all the time, for it always seems that under the present arrangements the air is too dead, not life enough, so to speak, in houses where odontoglossums have been tried to be grown. Just for the want of something to create a circulation; (possibly the above suggestion may have been tried for there is said to be nothing new under the sun).

The hybrids seem to succeed far better in this country than the species under the present method. Yellow thrips seems to be their worst enemy. A mixture of peat and sphagnum suits as a potting material, and they seem to root more freely into it when partly decayed, or the second year after potting. The chief thing is the watering, but after many trials, such as picking individual dry plants out and looking them over daily, it seems to water them over head with water from the hose, about every third or fourth day in summer, produces the best results. The usual syringing twice or three times a day, as is often advocated has been proved detrimental to them, so cannot be recommended. Judgment must be used in the amount of dampening down, because this matter all depends on the interior arrangement of the houses; some take more dampening than others, but care should be exercised so that this is not overdone. The amount of humidity ought to be kept below the temperature of the house; ventilate freely at all times, but not enough to dry everything up too quickly, shading quite heavily with either canvas, blinds or laths, raised some inches from the glass, and avoid a stuffy feeling in the house by all means possible. Perhaps the best results are obtained from a span roofed house out in the open, properly

shaded, than from any other kind. Southern houses always have a dead clammy feeling, and north built houses are good in summer but too variable in winter. In fact, to grow odontoglossums is a hard proposition at the best.

C. Y. PRIPEDE.

THE PERENNIALS.

Herbaceous Perennials.

An instructive address on what kind of hardy herbaceous plants to use and how to arrange them for various kinds of gardens was given by W. A. Manda of South Orange, N. J., March 13, 1915, before the Massachusetts Horticultural Society. He said in part:

Under the title of hardy herbaceous or perennial plants we can group such plants as are strictly herbaceous—that is, after they have made their growth, flowered and seeded, they die down to the ground, where they rest perfectly dormant, until awakened again in the early spring, when they put forth new growth, with double vigor, after having had such a long and complete rest. Good examples of the herbaceous group are the peony, phlox and plants of that description. There are, however, a great many plants which are not strictly herbaceous, but which the term perennial will cover well, although both of these designations ramify in different directions.

As examples of perennial plants which are not herbaceous, we can cite such plants as the old-fashioned Scotch pinks, Dianthus plumarius, the sea pink or Armeria maritima, and a vast number of other plants which keep their green foliage and growth summer and winter, and when the early spring time comes, they simply continue their growth, and put forth their flowering stems. However, in my short address, I do not want to stick strictly to the plants which would answer either or both of these technical definitions, but to include all such plants as can be grown for similar purposes, and such plants as are generally termed the old-fashioned hardy garden plants which were cultivated in our grandmothers' gardens, and which include even bulbs and some semi-shrubby plants which can be used for the adornment of the garden. With plants of this kind, we can ornament every nook and corner of every place, whether small or extensive, and it is only a matter of selecting the proper kinds for the purposes for which they are wanted. These plants come from various parts of the temperate zone of our globe, and even this country has been blessed with a wealth of such vegetation, so that we need not go outside of our native plants in order to ornament our homes, whether on large or modest scale.

SOME HYBRIDIZED PLANTS.

Of course of late years the hybridizer has added numerous new forms and varieties, by carefully hybridizing and patiently raising and selecting the best off-springs, so that there are individual plants now which have been developed into hundreds and even thousands of varieties. These are generally termed as florists' garden plants. Under this heading could be classed such plants as the hybrid pyrethrums, hollyhocks, larkspurs, phloxes, gaillardias, German iris, Japanese iris, primroses, and other plants which are being developed and improved by cultivation.

GOOD WORD FOR THE COLUMBINE.

There is one plant which, to my mind, has not been improved by the hybridizer, and that is the columbine, or aquilegia. It is my opinion and that of the majority of hardy plant growers that there is nothing as pretty as the pure species. The garden-grown seed, where several varieties are grown in a limited area, is hard to get pure, as they are so easily hybridized and cross-fertilized by the agency of insects, so where in the collection a species wants to be perpetuated it is always safer to have them covered with fine muslin, to keep insects away.

Now as to the purposes for which these plants are being used, we can divide them as follows: Plants used for borders, rock or Alpine plants, water and bog plants, and plants used for massing amongst or in front of shrubbery or for wild garden purposes.

THE OLD-FASHIONED FLOWER GARDEN.

This class of garden has been in use for thirty years and upward. It generally consists of regular, though sometimes irregular beds, in some sort of form or design, yet not too formal, where plants have been planted according to the real home taste fashion, and is cherished not only for its beauty, but for its association, sentiment, etc. These gardens, while generally well kept, were so planted that they never presented a large display nor continuation of flower through the season.

Roses were associated with daffodils, the hollyhocks planted near the fence, with bunches of sweet williams and Scotch pinks in long lines or double and triple lines planted together, with the hardy heliotrope, a bush or two of the old man, several clumps of peonies, and with a large plantation of lilies of the valley in a shady place, foxgloves, luxuriantly growing in clumps alongside, with larkspurs and patches of hardy pompon chrysanthemums to enliven the fall flowering. These were generally interspersed with bunches of geraniums, heliotropes, and other annual plants, all bespeaking the tender care and affection bestowed by the owner of the ground.

THE MODERN GARDEN.

From these old-fashioned gardens, by gradual changes and evolution, came the present flower garden and formal garden, and from them the so-called Italian garden which, however, is only a misnomer. The present-day flower or formal garden is laid out more or less on a regular plan, and the plants arranged so that there would be a succession of flowers from early spring to late fall, or sometimes, according to the taste of the proprietor, arranged either according to seasonal flowering, or made into a color scheme. The plants suitable for these purposes are the following:

Achillea millefolium rubra,
Achillea millefolium "Cerise Queen,"
Achillea serrata plena "The Pearl,"
Agrostemma coronaria,
Althæa rosea (double),
Althæa rosea (single),
Anemone Japonica,
Asclepias tuberosa,
Boltonia asteroides,
Boltonia latisquama,
Campanula persicifolia,
Campanula persicifolia alba,
Campanula rapunculoides,
Cassia Marylandica,
Chrysanthemum (hardy varieties),

EASTER BASKET BY GEO. M. STUMPP, NEW YORK.
Dorothy Perkins Roses and French Hydrangea.

EASTER BASKET BY GEO. M. STUMPP, NEW YORK.
Cattleyas and Ferns.

Coreopsis (Harvest Moon),
Coreopsis (lanceolata),
Delphinium formosum,
Delphinium hybrids,
Delphinium Sinense,
Dianthus barbatus,
Dicentra spectabilis,
Dictamus Fraxinella,
Digitalis purpurea,
Doronicum plantagineum,
Echinacea purpurea,
Echinacea purpurea hybrid,
Euphorbia corollata,
Funkia grandiflora,
Funkia lanceolata,
Funkia undulata variegata,
Gaillardia grandiflora hybrids,
Gypsophila paniculata,
Gypsophila paniculata fl. pl.,
Helenium autumnale superbum,
Helianthus mollis grandiflorus,
Helianthus multiflorus plenus,
Helianthus orgyalis,
Heliopsis Pitcherianus,
Hemerocallis Bumortierii,
Hemerocallis flava,
Hemerocallis graminifolia,
Hemerocallis Kwanso fl. pl.
Hemerocallis Thunbergii,
Hibiscus respendens,
Hibiscus Mallow Marvels,
Iris aurea,
Iris Germanica in var.,
Iris Kaempferii, in var.,
Sibirica alba,
Sibirica sanguinea,
Leucanthemum Nipponicum,
Lychnis Chalcedonica,
Monarda didyma,
Oeonothera fruticosa,
Pæonies herbaceous,
Papaver bracteatum,
Papaver involucratum,
Papaver orientale,
Pentstemon barbatus,
Phlox paniculata, in var.,
Physiostegia Virginica,
Platycodon grandiflorum,
Pyrethrum roseum.,
Pyrethrum uliginosum,
Rudbeckia Californica maxima,
Rudbeckia (Golden Glow),
Rudbeckia Mandalana,
Rudbeckia speciosa,
Sedum spectabile,
Sedum spectabile, rubrum,
Scabiosa Caucasica,
Spiræa astilboides,
Spiræa filipendula plena,
Spiræa Japonica grandiflora,
Spiræa palmata rubra,
Statice latifolia,
Tradescantia Virginica,
Veronica longifolia subsessilis,
Veronica spicata,
Yucca filamentosa.

ROCK OR ALPINE GARDEN.

This class of gardening is not much practised in America as yet, but will come in time, as much as it is in the European countries. The ground to be selected for this should not be in the full glaring sun, but generally near a border of woods, so that a part of this garden would be exposed to the sun, while a part would be partially or quite shaded. Also a part of it could be kept moist, so as to be able to use and accommodate such plants as delight in excessive moisture.

With this class of gardening, plants and flowers of small growth would be lost if planted in large solid beds where they would have to fight for existence along with the tall, hardy and free growing plants, which would run over and smother them. In selecting plants, any of the last mentioned class of plants should be carefully guarded, and not placed in such rock or Alpine garden, and only such plants should be used as are of moderate or slow growth and size, and none that spread and take possession of the ground at the expense of the others.

In preparing such ground, it is not always necessary that it be entirely built of rocks, but old stumps, logs of wood and any other rustic material can be used to produce a natural rocky or woody effect, and any such material should be so laid and arranged in the ground that it would not give an artificial appearance, but be as nearly as possible an imitation of what we find in nature.

The following are some of the leading plants suitable for our climate for this purpose:

Achillea tomentosa,
Ajuga reptans,
Anemone Japonica,
Anemone Japonica alba,
Anemone Japonica rosea,
Anemone Japonica Whirlwind,
Aquilegia hybrids,
Armeria maritima,
Arrhenantherum bulbosum,
Campanula (Harebell) Carpatica,
Cerastum tomentosum,
Convallaria majalis,
Coreopsis delphinifolia,
Cereopsis rosea,
Dianthus plumaris albus,
Dianthus plumaris plenus,
Dianthus superbus,
Dicentra eximea,
Festuca glauca,
Iberis sempervirens superba,
Linum perenne,
Oeono thera fruticosa,
Papaver nudicaule,
Phlox amoena,
Phlox subulata,
Phlox subulata atropurpurea,
Plumbago Larpentae,
Polemonium coeruleum,
Primula veris,
Sedum album,
Sedum carpeum,
Sedum Lydium,
Sedum oppositifolium,
Thymus serphyllum,
Veronica Rupestris,
Viola cornuta Mrs. G. Vermig.

In the shady places plants like the following feel at home, and give additional variety to the vegetation, and make this class of garden more complete:

Ægopodium podograria variegata,
Ajuga reptans,
Aster (many varieties),
Convallaria majalis,
Dicentra eximea,
Dicentra spectabilis,
Euonymus radicans,
Euonymus radicans fol. var.
Funkia cordata,
Funkia grandiflora,
Funkia Fortunei,
Funkia lanceolata,
Funkia undulata variegata,
Hemerocallis Dumortierii,
Hemerocallis flava,
Hemerocallis Kwanso fl. pl.
Hemerocallis rutilans,
Iris Germanica,
Pachysandra terminalis,
Spiræa Japonica,
Stenanthium robustum.

Perennials in Favor.

Paper by Julius Luck, read before the Montreal Gardeners' and Florists' Club, February 1, 1915.

All writers on perennials generally commence by saying that our good old fashioned perennials are coming into favor again. Well, as long as I can remember, they always have been in favor. More than 25 years ago we had our perennial border with our pæonies, irises, delphiniums, bleeding hearts, phloxes, etc. In the last 10 years the varieties have been greatly improved, especially in phloxes and pæonies, of which there are almost endless variety. In the older days, great pride was taken in growing plants, and one often met with huge sized plants, but very little was attempted, as at present, to combine color combinations and natural effect. These last two constitute the principal feature of the perennial border of today, with an endeavor to add a continuous bloom from May to November.

Any garden soil will grow perennials, but it should be well enriched with thoroughly rotted manure. Planting can be done either in the spring or fall, but the best time is after flowering. This applies more to growers or nurserymen than to those who plant borders, for if this system was adopted, it would take a whole season to complete it. If the border is wide, say more than 10 feet, a background of shrubbery is desirable, or if against a wall, climbing plants may be used to cover it. If a fence, especially an open or wire one, climbing or rambler roses are very appropriate.

To plant a border properly, one re-

EASTER BASKET BY MAX SCHLING, NEW YORK.

Ericas and Whitmani Ferns.

quires an accurate knowledge of the growth, time of flowering, color and habits of all the varieties it is desired to plant. Plant in clumps, for instance, three peonies of one shade, will make a good sized clump, while it takes about twelve digitalis or six hollyhocks to form a clump. Do not plant the whole width of the border for a certain distance of one variety. This is an extreme impression of the idea of planting in clumps, and certainly spells failure, but I have often seen it advised and partly carried out, with the result that the job looks extremely patchy, and at times really bare, which would not be the case if the "smaller clump system" were adopted. The plants should be arranged according to their height, but always bear in mind the proper blending of the colors. This is rather a delicate thing to write about; most writers will just pass it by, giving warning to watch out for it. I will say this much, that I have not been able to give satisfaction to all I have had to deal with, for the tastes in color seem to differ very much. The main thing to avoid is never to plant two red, or red and pink together, or blue next to red, but always work in yellow or white, as these two will go with any color. If you find it impossible to avoid this, arrange the plants so that no two of the clashing colors will flower at the same time. Plant the lower, or dwarf growing varieties, near the front, which also can be planted in a straight row or curved to suit the shape of the border. This can be done with safety without getting a stiff appearance, but must be avoided on any other part of the border.

I do not need to write on the care and keeping of the border, for every gardener knows the more cultivation, proper feed and water a plant receives the better the result will be. There appears to be a great diversity of opinion about covering for the winter. I can say this much, that the best of all covering is the snow, and from this reason alone is it that we, here in Montreal, can winter more tender plants than those regions with a much milder climate. If there is danger of hard frost and no snow on the border, some covering should be done, either with hay, straw or better still, long manure, loosely shaken over it, but always wait till there are several inches of frost in the ground—never cover on wet ground. This covering will also prevent a midwinter thaw reaching the plant.

Perennials are propagated either from cuttings, seeds or subdivision. A list of fifty of the best, how propagated and time of flowering are as follows:

Name	How propagated	In flower
Achillea	Seed and subd'n	July to Oct.
Adonis vernalis	Subdivision	May and June
Althaea	Seed	July to Sept.
Anemone Jap.	Subdivision	Sept. and Oct.
Aconitum Wilsoni	Seed and subd'n	July to Sept.
Aquilegia	Seed	June and July
Asters	Seed and subd'n	Aug. to frost
Campanula	Seed	June to frost
Arabis	Subdivision	May
Coreopsis	Seed	June to Aug.
Boltonia	Subdivision	July to Sept.
Digitalis	Seed	June to Aug.
Dianthus	Seed & cuttings	July to frost
Dielytra Spect.	Subdivision	May and June
Doronicum	Subdivision	May
Gaillardia	Seed	July to Sept.
Gypsophila	Seed	July to Sept.
Helianthus	Seed and subd'n	July to Sept.
Helenium	Seed and subd'n	Aug. and Sept.
Funkia	Subdivision	Aug. and Sept.
Heuchera	Seed and subd'n	July to Sept.
Iris, German	Subdivision	June and July
Iris, Kempferi	Subdivision	July and Aug.
Lily bulbs	Subdivision	July to Sept.
Myosotis	Seed	May and June
Paeonies	Subdivision	June and July
Iceland poppy	Seed	May and June
Oriental poppy	Seed	June and July
Phlox	Subdivision	July to frost
Lychnis	Subdivision	June to Aug.
Monarda	Subdivision	July to Sept.
Lupinus	Seed	July and Aug.
Œnothera	Seed and subd'n	June and July
Polemonium	Seed and subd'n	June to Aug.
Primula	Seed	May and June
Platycodon	Seed and bulbs	Aug. to Oct.
Pyrethrum	Seed and subd'n	July and Aug.
Rudbeckia	Subdivision	Aug. and Sept.
Salvia	Seed	July to Sept.
Shasta daisy	Subdivision	June to Sept.
Spiræa	Subdivision	June to Aug.
Tritoma	Subdivision	Sept. and Oct.
Statice	Seed and subd'n	Aug. and Sept.
Convallaria	Subdivision	June
Scabiosa	Subdivision	Aug. to Sept.
Cerastium	Seed and subd'n	
Veronica	Subdivision	July to Oct.
Valeriana	Subdivision	July and Aug.
Polygonatum	Subdivision	June

EASTER BOUGAINVILLEA AT GEO. M. STUMPP'S, NEW YORK.

MEMPHIS, TENN.—Local florists are organizing a florists' club. Temporary officers have been chosen, with Will Englehart as president and A. Haisch, secretary.

SAGINAW, MICH. — At the annual meeting and banquet of the Saginaw-Bay City Floricultural Society, March 1, the following officers were elected: Rudolph Boehringer, president; F. H. Stevens, vice-president; H. W. F. Goetz, secretary; Albert Boehringer, treasurer.

Sowing Annuals.

Paper by John Eddy, Montreal, Can., read at the meeting of the Montreal Gardeners' and Florists' Club, March 1, 1915.

Mr. President and Gentlemen: At your request I have written a short paper on the sowing of annuals. I do not propose to say anything new but will just tell you of our methods of raising annuals.

About the end of March we prepare our hotbeds and have them ready to sow such annuals as asters, phlox, stock, dianthus, salpiglossis and several others of the smaller kinds of annuals. We aim to have these sown by April 10, but for the stronger kinds, such as marigolds, zinnias, balsams, nasturtiums and others I think April 15 is time enough. I do not think it is well to have annuals too large to plant out in the garden, as they get too much of a check if the weather should prove dry at planting time.

When sowing, we sow in drills about three inches wide, ½-inch deep, and six inches apart. We make the bottom of the drill level, so as to be able to

distribute the seed evenly all over the drill, and so that all the seed will be covered about the same depth. Do not sow too thickly; if the young plants are too close together they will be weak and spindly. After sowing we draw a piece of board or the back of the rake over the bed and level the soil, and firm down with the back of a shovel. Then give a good watering. We shade the frames until the seeds have germinated, then remove gradually as the young plants take hold of the soil. Ventilate in the day time, keeping the temperature between 60 and 70 degrees and never let them get dry. After the seeds are up, look after the weeds; never let them get ahead of you, or the plants will suffer.

After the plants are large enough, some people prick them out in frames; no doubt they are better for it, as they do not get such a check when planted out in the garden. We plant direct from seed drills, as our frames are limited. When planting asters out of doors, we plant in rows 18 inches apart and from 8 to 12 inches in the row, according to the variety, phlox and stocks about eight inches in the rows; marigolds, zinnias and other large varieties about 15 inches in the rows.

We used to make a sowing the last of May out of doors for asters for late flowering, but now with the late branching varieties I do not think it necessary as they will continue to flower until frost.

We have had some trouble with stem rot with the early varieties of asters, but very little with the late kind. We have had the foliage of the late varieties turn yellow; in fact, the whole plant, flower and all, have turned yellow. We have thought that green manure was the cause. I do not think it advisable to plant asters twice in the same ground if it can be avoided. I do not know a remedy for either of these troubles, but if some of you present care to give a remedy, I shall be more than paid for the short time I have taken in writing this paper.

Bird Houses Attractive Novelty.

Bird houses, an attractive novelty, are becoming popular with the trade, offering excellent opportunity for making unique and attractive window displays. The L. Bemb Floral Company, Detroit, Mich., made a line of these houses during the dull winter months, and a window display in their establishment, with the little houses attractively arranged and a number of canary birds, with fountains of water for drinking and bathing, with plenty of space for them to fly about, and brush and material for making nests attracted much attention.

Pussy Willows.

ED. AMERICAN FLORIST:

Please advise the best species or varieties for cultivation in a swamp to produce the "pussy willows" used by florists. A. E. P.

Salix discolor is the common "pussy willow."

ROCHESTER, N. Y.—An overheated boiler was responsible for a fire that damaged the greenhouse in Highland park, March 3.

STOUGHTON, MASS. — Raymond W. Swett has retired from the partnership existing between F. E. Swett & Son, and will devote his entire time to the gladiolus business, which has shown a great increase the past two years. He has secured 40 acres of soil, ideal for bulbs.

Missouri Botanical Garden Alumni Ass'n.

A number of the graduates from the regular garden course of the Missouri Botanical Garden, having expressed their desire to form an organization for the cultivation of the spirit of fraternity, and to strengthen the relationship between them and the Garden, a committee consisting of Arthur T. Erwin, of Ames, Iowa.; Arno H. Nehrling, of Amherst, Mass.; Peter Pfaender, of St. Louis, Mo., and Arthur R. Gross, of Morgan Park, Chicago, was appointed by Dr. George T. Moore, director of the Garden, to consider the question of calling a meeting of all former Garden pupils. After due deliberation, the committee decided to call a meeting for November 27, 1914. Based upon this action, notices were sent out to all former Garden pupils to assemble at the Hotel Jefferson, St. Louis, Mo., November 27, at 10:30 a. m., for an automobile ride through the city. About thirty, including pupils and instructors assembled, and an enjoyable ride through the city, touching all points of interest, was taken. The ride terminated at the Garden, where a luncheon, kindly furnished by the garden authorities, was enjoyed. After luncheon all assembled in the graduate lecture room. Chairman Erwin briefly stated the object of assembling. After some discussion a temporary organization was effected by electing Arthur T. Erwin temporary chairman, and Arthur R. Gross temporary secretary.

The meeting was called to order at 2 p. m. by the temporary chairman, and all enjoyed listening to an address by Dr. George T. Moore, Director of the Garden, welcoming the students. All the facilities the Garden had to offer were kindly proffered for use by the assembly in this meeting, and all meetings to be held from time to time. He also issued an invitation to the students to contribute to the monthly bulletin, all items of interest concerning the present and past students, and very kindly offered to publish in the bulletin the proceedings of the meetings, and to enter the names and addresses of all the members, so that copies of the bulletin would be regularly sent to them. The response for the students was rendered by Arno H. Nehrling, in which he thanked Doctor Moore for the hospitality he offered. He also enumerated the many advantages which the garden course offers. The roll of the former students was then called by the temporary secretary, and many interesting experiences were cited by those present, and a large number of communications received from those unable to attend were read. After some preliminary discussion a permanent organization was then formed by a regularly made and carried motion, the following officers being elected: Arno H. Nehrling, president; Arthur T. Erwin, vice-presi-

DISPLAY OF BIRD HOUSES BY L. BEMB FLORAL CO., DETROIT, MICH.

dent; Arthur R. Gross, secretary-treasurer; Eda A. Sutermeister, historian.

The president was instructed to appoint a committee of three members to draft a constitution and by-laws for the organization. A committee was then appointed, consisting of Charles W. Deusner, Arthur H. Smith and Charles H. Thompson. At 5 p. m. the meeting adjourned until the next day at the same place at 10 a m., at which time the meeting was called to order by President Nehrling. The assembly then had the pleasure of hearing Mr. Irish's able paper on "School Gardens." He covered in detail the work being done in St. Louis and various other large cities, pointing out particular advantages in having school gardens, and also the interest taken by the very young pupils as well as the older ones. A very interesting discussion then followed.

C. H. Thompson next gave a very interesting talk on the garden courses, reviewing the various courses which had been adopted since the original organization of the board of trustees in 1890 up to the one adopted by the board of trustees in March, 1914. He pointed out particularly the raised standard for entrance, and also the reduction in the time devoted to manual labor by the students, the length of the course having been cut from four years to three years, dispensing entirely with the first year course, which was devoted entirely to manual work, and the cutting of the hours of manual work from five to three hours in the other two years. The proportion of time given to practical gardening he pointed out had been raised considerably, and the time given to scientific research had been considerably reduced. A very interesting discussion followed.

At the request of the president, the report of the committee on constitution and by-laws was then read by Charles W. Deusner, chairman. The constitution and by-laws adopted, briefly covered the following points:

That the name of the organization is to be the Missouri Botanical Garden Alumni Association, whose object is to cultivate the spirit of fraternity among its members and to foster and strengthen the relationship between them and their Alma Mater.

The membership is to consist of three classes: The active—those who have received certificates of graduation from the regular garden course of the Missouri Botanical Garden. Associate members—those who were enrolled as members of classes in the regular garden course of the Missouri Botanical Garden, but have not completed the course. Honorary members—those who were elected by the association at any regular meeting.

The officers are to consist of president, vice-president, secretary-treasurer and historian, the officers constituting the executive board. These officers are to be elected at a regular meeting and continue in office until such time as their successors are duly elected. Regular meetings shall be held at the Missouri Botanical Garden, St. Louis, at the call of the executive board.

The report of the committee on resolutions was then read by the chairman, Charles W. Deusner, as follows: Resolved, that we express to Director Moore and the Garden staff our appreciation and hearty thanks for the many courtesies shown us on this occasion. We note with pleasure the added equipment in the way of new greenhouses, laboratories, and other facilities for instructional work and also the added courses which we feel sure will greatly strengthen and enhance the value of Henry Shaw Garden scholarships. We wish to express our appreciation of the opportunity of using the columns of the Garden Bulletin as a medium of exchange between the alumni.

A discussion regarding the time of the next meeting followed. It seemed to be the consensus of opinion that a meeting should be called each year and a regular meeting every three years. No definite action was taken, but the opinion as expressed will act as a guide when the matter is taken up by the executive board.

LIST OF MEMBERS.

Active.

Bogula, Otto, Florist, Detroit, Mich.
Deusner, C. W., Landscape Gardener, Chicago.
Erwin, A. T., Ia. Agri. Exp. Sta., Ames, Ia.
Fullgraf, C. W., Landscape Arch., St. Louis.
Gross, A. R., Supt. Mt. G'nw'd Cem., Chicago.
Haltenhoff, Karl A., Florist, Boone, Ia.
Jones, S. C., Adv. Dept. Kirk Soap Co., Chicago.
Mische, E. T., Landscape Arch., Portland, Ore.
Mohr, Rudolph J., Florist, Chicago.
Nehrling, A. H., Mass. A. C., Amherst, Mass.
Nehrling, B., Supt. Highland Cem., So. Bend.
Nehrling, W. H., Ldscp. Gdr., Charleston, Ill.
Nyden, E., School Gardens, Portland, Ore.
Ochs, H., Anheuser-Busch brew., St. Louis.
Pfaender, P., Supt. Gds. Wash. U., St. Louis.
Pillsbury, J. P., Col. of Ag., W. Raleigh, N. C.
Retzer, Walter, Florist, Houston, Tex.
Schulte, George D., Farmer, Oregon, Mo.
Smith, Arthur H., Florist, Boone, Ia.
Sutermeister, Miss E., Ldscp. Ar., St. Louis.
Toeppen, Miss H. A., Buffalo, N. Y.
Tull, J. H., Ag. Dept., K.C. So. Ry., Mena, Ark.
Winther, C. Bellefontaine Cem., St. Louis.

Associate.

Cella, A., Student Mo. Bot. Garden, St. Louis.
Craig, Clark W., Rush Lake, Wis.
Federer, William A., St. Louis, Mo.
Giebel, C., Stu. Mo. Bot. Garden, St. Louis.
Gillies, Walter, St. Louis, Mo.
Grossart, F. A., Stu. Mo. Bot. Gar., St. Louis.
Hummel, W. H., Florist, Milwaukee, Wis.
Kohl, P., Student Mo. Bot. Gar., St. Louis.
Pedlow, C., Stu. Mo. Bot. Gar., St. Louis.
Phillipi, N., Stu. Mo. Bot. Gar., St. Louis.
Tuggle, J. B., Park College, Parkville, Mo.
Washburn, Geo. A., Florist, Bloomington, Ill.
Wilcox, R. B., U. S. Dept. of Ag., Wash'n.

Honorary.

Dr. G. T. Moore, Dir. Mo. B. Gar., St. Louis.
Dr. J. R. Schramm, Ass't Dir., St. Louis.
Dr. H. Von Schrenk, Plant Patho., St. Louis.
Dr. E. A. Burt, Mycologist & Lib., St. Louis.
C. H. Thompson, Ass't Botanist, St. Louis.
J. Gurney, Head Gard., Emeritus, St. Louis.
Wm. W. Ohlweiler, Gen. Mgr. Mo. Bot. Gar.
J. Noyes, Landscape Designer, St. Louis.
J. Erdman, In Charge Plant Prop., St. Louis.
K. N. Svetlikoff, Plant Breeding, St. Louis.
H. M. Bickart, In Charge Nurs., St. Louis.
Dr. W. Trelease, Bot., U. of Ill., Urbana, Ill.
H. C. Irish, Schl. Gdns., Bd. of Ed., St. Louis.
Dr. J. C. Whitten, U. of Mo., Columbia, Mo.
J. B. S. Norton, Bot., Md. Ag. Ex. Sta.

Illinois Pathologist's Report.

Report of Geo. L. Peltier, floricultural pathologist, University of Illinois agricultural experiment station, Urbana, presented at the annual meeting of the Illinois State Florists' Association at Urbana, March 2, 1915.

STEM ROT OF CARNATIONS.

We now have in the process of publication, as a bulletin, the results of the last three years' work on the fungus causing the stem rot of carnations. This bulletin will be of a more or less technical nature, but will be of value to the florist.

The fungus, rhizoctonia, has been reported in the United States as causing more or less trouble to 164 species of plants. About one-half of this number include floricultural and ornamental plants commonly grown by florists. The fungus is extremely serious in the cutting bench, not only to carnations, but to practically all cuttings made from herbaceous plants. In the seed beds it will attack seedlings of a large number of plants, causing the well-known symptoms of "damping off." It is from the seed bed and cutting bench that the fungus is carried, to a large extent, into the field and benches, causing more or less loss throughout the year.

Cross inoculation experiments show that one species of rhizoctonia is the cause of all the trouble. As I have stated before, this fungus has been found to attack a large number of plants including field and vegetable crops, floricultural and ornamental plants and many weeds. The fungus has also been found growing in the soil on dead plant material, so that it is probably present, to a certain extent, in most fields. It is quite clear then, that rhizoctonia is present in almost every carnation field, as well as the soil that is put in the benches.

You may inquire then—why are not all carnation plants destroyed in the field? Rhizoctonia is what we call the facultative parasite; that is, under ordinary conditions it is a saprophyte, living on dead plant parts, but under certain conditions it becomes an active parasite and can attack and kill plants of all ages readily. As I have mentioned in previous reports, the conditions necessary for its parasitic development, depend on a high temperature and, to some extent, on moisture. It is hoped that by next fall another bulletin taking up more specifically the work on the carnation stem rot will be ready for distribution.

BRANCH ROT OF CARNATIONS.

This disease has been under observation again this season. The fungus is able to attack the cuttings very easily, and it is by the use of infected cuttings that the disease is spread in the field and house. The completion of the work on stem rot will allow us to take up the study of the fungus and methods of control more fully in the greenhouse.

CARNATION "YELLOWS."

As I have suggested in past reports, the only way this disease may be controlled is by the selection of cuttings from plants showing no signs of this trouble. During the current year, a large number of selections were made from a number of varieties, and the results have come out surprisingly well. Cuttings taken from plants showing "yellows" badly, produced plants of the same type. Cuttings taken from slightly diseased plants produced only a few healthy, a number with "yellows," while the majority of plants showed only slight attacks of "yellows." When cuttings were taken from apparently healthy plants they developed, in the majority of cases, into more vigorous plants showing no "yellows." Occasionally cuttings taken from an apparently healthy plant would all produce plants with "yellows," which tends to show that great care must be exercised in the selection of cuttings from healthy plants. Another selection from the first year's work has recently been made, together with a further selection from the stock now in the greenhouse.

ANTIRRHINUM RUST.

Due to the serious nature of the snapdragon rust, Mr. Rees has devoted his entire time, during the past year, to this problem. It has been reported in nearly all the middle western states, in Massachusetts, and again in Oregon and California. The rust appears on the plants in the field about the last of July. The uredo (summer) stage persists until fall,

when the teleuto (winter) pustules are found on the stems and branches. The uredo, and to some extent the teleuto stage, is also found in the greenhouse throughout the winter, on cuttings, seedlings, and later on the mature plants. During spring the rust seems to die out in the house, reappearing in the field during the late summer. Mr. Rees published an account of this trouble last fall in all the trade papers, which no doubt most of you have read.

STEM ROT AND "YELLOWS" OF ASTERS.

During the current year a large number of inquiries relating to various plant diseases were answered. The troubles most commonly reported last summer were the "stem rot" and "yellows" of asters. We are planning to carry on some experimental work for several seasons, on the aster troubles, particularly the two mentioned above.

DRY ROT OF GLOXINIAS.

We are also planning some work on a dry rot of gloxinia bulbs, a disease which has recently been brought to our attention, and which appears to be quite serious.

Fertilizer Experiments in Illinois.

Paper by F. W. Muncie, University of Illinois, presented at the annual meeting of the Illinois State Florists' Association, at Urbana, Ill., March 2, 1915.

Bulletin 176 of the University of Illinois on "The Use of Commercial Fertilizers in Growing Carnations," has just been issued and may be obtained by application to the agricultural experiment station, University of Illinois, Urbana. It contains the results of experiments upon the use of dried blood, acid phosphate, and potassium sulfate in carnation growing, which have appeared from time to time in previous reports in the trade papers. The most important points are briefly, that dried blood or ammonium sulfate can be used with benefit on soils naturally moderately well supplied with organic matter; that no benefit has so far been found from the use of potassium sulfate on a brown silt loam soil; and that an increase in production was noted when acid phosphate was supplied in addition to dried blood, particularly with the variety Enchantress, less so with White Perfection. Comparative experiments, also, have shown that these commercial fertilizers may be used in moderation with the assurance of producing a crop as large and of as good a quality as with manure exclusively.

The carnation experiments during the present, as well as last year, have been ones on a more extensive scale in regard to the value of acid phosphate in this experiment as a supplement to sulfate of ammonia. The varieties, White Perfection and Rosette, have been used and with these varieties, no increase has been found. This contradiction of the experiment of 1912-13 (Bul. 176) may be due to the use of sulfate of ammonia in place of dried blood used that year or to the fact that the varieties used are not responsive to its use as Enchantress is. It looks as if it were necessary in this connection to study closely the difference in response to fertilizers of the variety type represented by Enchantress and Beacon, which stool rather profusely, and of the type represented by Rosette and White Perfection.

Continued experiments in the overfeeding of carnations have shown that the danger from overfeeding with commercial fertilizers can be roughly predicted from a knowledge of their solubility in water. For instance, sulfate of ammonia (of which about six pounds dissolve in a gallon of water) is markedly injurious while acid phosphate (of which one-sixth pound dissolves in a gallon of water) shows no, or almost no, injury in very heavy application. The injury from equal applications of potassium sulfate, of which two-thirds pound dissolves in a gallon, is less than that from ammonium sulfate, but is still severe enough, if large amounts are used, to cause complete ruin of the crop.

A careful comparison of weather conditions daily, with daily production records, has given data that clearly establishes the relation between periods of cloudy weather and splitting in carnations. The long period of continued cloudy weather of the fall of 1914 (about three weeks) was followed, for instance, by an increase in the percentage of splits up to as much as 25 percent. The increased splitting is not coincident with the period of cloudy weather, however, but follows it by a week or two. The records, showing how these conclusions were obtained, will be published in detail.

Excessively high applications of acid phosphate to first year roses have caused slight injury, more marked with Richmonds than Killarneys. But amounts up to 40 pounds per 100 square feet of bench space, (which is equivalent to one pound per cubic foot of soil if a compost is made, or about nine tons per acre) have given a larger number of flowers than the soil to which none was applied. The need for acid phosphate is most marked in the later part of the season, and the increase due to its use is greatest at that time. No benefit from the use of dried blood has been found on the soil at the experiment station (a brown silt loam) until the spring of the year after the plants were set in the previous summer. The results seem to show a decrease from its use in fall or winter on fresh soil. In the spring, however, the plants show the nitrogen starvation by the yellowing of the foliage and increased production follows the use of a nitrogenous fertilizer.

A study is being made in the chemical laboratory of the value of liquid manure made (1) from fresh droppings, (2) from barnyard manure, and (3) from shredded manure. The relative value of steaming and of fermentation in preparing it also is being worked out. This is a practical problem, the results of which can be of immediate use to the florist. In connection with this and other work, a study is being made of the variation of temperature and humidity in greenhouses and their relation to growth as measured by the growth records of roses. The results obtained on these subjects up to the present are interesting, but hardly complete enough for publication. In the latter study, the experiment station has been assisted by several florists and opportunity is taken at this time to acknowledge their kind co-operation in this difficult problem.

F. W. MUNCIE.

TAMPA, FLA.—The Knull Floral Co., pioneers of the cut flower business here, have moved to 607 Franklin street, where they have a fine location with large, spacious work rooms and offices up stairs and cut flower case at street entrance.

Culture of Hardy Shrubs.

A timely address on the culture of hardy shrubs was delivered before the Massachusetts Horticultural Society February 27 by Arthur E. Thatcher of Bar Harbor, Me., superintendent of the Mount Desert Nurseries. He showed how the garden may be made much more attractive by the use of hardy shrubs, which require little care from year to year, if planted right, and suggested that good ideas on what shrubs to select and how to arrange them may be obtained by visiting the Arnold Arboretum. He said in substance:

When one considers what a large number of people there are who spend the most pleasant part of the year in their country homes, it is somewhat surprising that so little attention has been given to the hardy garden and the many beautiful subjects which are suitable for adorning lawns and pleasure grounds. But the rapidly increasing interest which is being taken in all branches of horticulture makes it safe to assume that a much greater use will be made of those shrubs and plants which are capable of withstanding the rigors of our variable climate and which, instead of having to be renewed every year like the majority used for garden decoration at the present time, are enabled to continue giving pleasure year after year with a minimum of expense and yet giving far more beautiful and adequate returns than annual plants are capable of doing. Along the Eastern seaboard of North America from Washington to Bar Harbor and inland for some hundreds of miles, we have a climate remarkable for its variableness and severity, and also remarkable for the fact that in no part of the world do flowering shrubs succeed better. English enthusiasts, when visiting this country, are always impressed with the beauty of our deciduous shrubs produced by the well-ripened wood, the result of our warm summers, and congenial fall temperature, and though we cannot succeed so well with many of the ornamental leaved evergreens so conspicuous in English gardens, yet we have our corresponding advantages. Having been privileged to work for many years in one of the foremost gardens in England, where hardy trees and shrubs receive the careful attention of the owner and were a great specialty, and also for several years in that great institution, the Arnold Arboretum, I may claim to have had exceptional opportunities for studying their requirements. Knowing the Boston Arboretum as well as I do I would like to draw special attention to the remarkable collection grown there and the great facilities it offers for people to learn what are the most beautiful shrubs to plant, and which will succeed in this climate.

HOW TO START A GARDEN.

In laying out and planting a garden it is a very much better plan to go to such a wonderful arboretum as this and make one's own notes of the shrubs which will succeed in different situations, than to leave the selection to others. One of the principal reasons why so many shrubberies are uninteresting today is because of the constant repetition of a few well-known sorts, and yet there is a great variety of inexpensive material which can be seen at any good nursery, which by a judicious selection will add much interest and distinction to a garden. In making a choice it should be

remembered that there are other shrubs than those remarkable for the beauty of their flowers deserving of inclusion. In some, such as the rhus family, the foliage is very ornamental; others whose flowers may be inconspicuous attract much attention when carrying beautiful fruit; some are most noteworthy when their green mantle has changed to various shades of crimson or gold in the autumn, and others are again desirable on account of their richly colored stems in winter. Many persons in making a selection are apt to attach too much importance to coniferous and other evergreen shrubs, and although I am fully aware of their value when used with discrimination, there can be little doubt that they have been overdone in the past.

SHRUBS THAT BLEND WELL.

To produce the most pleasing effects both evergreen and deciduous shrubs must be happily blended, but it should be borne in mind that deciduous shrubs are much more beautiful, less expensive, and give the most satisfactory results. In selecting material for the planting of an ornamental shrubbery, whether one has a limited area or unrestricted space, it should be borne in mind that one need not be confined to shrubs only of a bushy nature, for while they form the basis of a shrubbery, others grown as standards or half-standards may be employed with excellent results. A very pleasing method of growing many of the hardy climbers, such as ornamental grapes and roses, is to firmly insert a stout pole into the ground, leaving ten to twelve feet above the surface, and lightly nailing or tying the long shoots of the climbers to it. The pole soon becomes completely covered. If varieties of sufficient hardiness are employed so that no taking down or covering is required they will need little attention beyond tying up the new growth.

The pole should be sunk into the ground three or four feet so that frost will not loosen it, and the buried part should be well treated with creosote or tar, which will preserve it for many years in good condition. A good straight larch or cedar pole answers well for the purpose. Many varieties of shrubs are now obtainable in standard form, such as the following: Crabs, thorns, maples, particularly the handsome Japanese varieties, and many others which by proper method of pruning are amenable to this form of cultivation.

In one lecture it is obviously impossible to deal exhaustively with all that appertains to the culture of hardy shrubs, but I will endeavor to bring to your notice some of the most important matters in connection with their successful cultivation.

PICK THE SUNNY SPOTS.

All hardy shrubs, except those which are naturally more at home beneath the shade of trees, succeed best in an open sunny position where they receive the full benefit of light and air, and this is particularly true of those grown for their floral beauty. It is important, therefore, to select if possible a position which, while being sheltered from rough and cold winds, is fully exposed to the beneficial influence of the sun. This enables the wood of the current season's growth to become thoroughly ripened, and consequently much better able to pass through the winter without harm. Having selected the position, it is of paramount importance that the ground be properly and thoroughly prepared, first by seeing that it is well drained, as very few shrubs will succeed in a water-logged soil, and then by having it well broken up to a depth of at least two feet. If the soil is naturally very heavy, it is a good plan to freely incorporate decayed leaf mold and sand, but if very light and dry in character nothing is better than a good heavy loam. Well decayed manure will prove of much benefit to the shrubs, if it can be worked deeply into the ground, otherwise I do not advocate its use. All hardy shrubs will succeed in a loamy or peaty soil, providing it is well drained and deeply worked, but it may seem to some that it is quite unnecessary to prepare it so deeply as I have advised. It is, however, highly important, even if the expense is somewhat larger, for the difference between shrubs planted in ground which has been properly prepared and those in poorly worked soil is quite remarkable, and no one will question the advisability after seeing the results.

WHEN AND HOW TO PLANT.

There has always been, and probably always will be, a difference of opinion as to whether the fall or spring is the better time for planting. If the work has to be done in the fall on account of the rush of work in the spring, it is advisable to plant as early as possible when the ground is in a moist condition, directly the leaves commence to fall. For my own part I am strongly in favor of preparing the ground in the fall, letting it lie rough through the winter and planting in the spring. If the work is well done and the requisite amount of attention is given the shrubs afterwards there is small chance of failure. It is very true that we often have a short, dry planting season in the spring, but much disappointment is frequently caused by shrubs, which if planted in the fall, fail to become sufficiently established to withstand the severity of our eastern winters.

With the ground in readiness and the material at hand, the next operation, that of planting shrubs, is perhaps the most important part of their culture. So much depends upon how this is accomplished as to after success or otherwise, that too much care cannot be taken to have it well done. From whatever source the shrubs are obtained they should be carefully unpacked on arrival and the roots thoroughly moistened, and if they cannot be planted for some time, they should be laid in a sheltered place away from the wind. It is a good plan to place a stake with the name where each shrub is to go; this will expedite matters when the planting is being carried out. The best time for planting is when the ground is in a moderately moist condition, as the soil can then be made firm without becoming pasty, and if possible choose a calm day, as wind has a most detrimental effect upon the roots. A hole should be taken out of sufficient size to accommodate all the roots after they have been spread out evenly, so that it will not be necessary to bend any round or cramp them, and having seen that the hole is of sufficient depth, the planting can then proceed. Cut off any broken or damaged roots on the under side with a sharp knife, and take great care of the small fibrous ones, as on these the life of the shrub depends very largely, and see that they are quite moist. Then place the roots in the prepared hole and spread out all of them evenly, working in among them some of the finest soil, pressing it firmly and adding more until the hole is filled. While the roots should be well covered, it is not advisable to plant too deeply, especially on heavy land, and the nearer the fibrous roots are to the surface the greater warmth do they receive and consequently start into active growth more quickly than if buried some distance from the surface. When the planting is completed it is an excellent plan to give the shrubs a good mulching of any suitable material at hand such as decayed leaves or long dressing. This is of the greatest assistance if warm weather prevails, for it keeps the roots moist and cool and prevents surface soil from becoming baked.

NOT TOO MUCH WATERING.

Many people are under the impression that newly planted shrubs should be copiously watered at the roots, but I consider this unnecessary, and often times detrimental. If a good watering is given immediately after they are planted, which will settle the soil about the roots, and a mulching is applied, very little water will be needed for some time by the roots, but it is an excellent practice to spray them overhead frequently. This keeps the wood moist and greatly assists the buds to develop. If shrubs of standard form are planted, they will need some support until they become well rooted, and for this purpose nothing is better than a straight stake, sharply pointed, and driven firmly into the ground as near the stem as possible without injury to the roots. The shrub can be secured to it by wrapping a neat piece of cloth or rubber around the stem and tying to the stake firmly with string, but care should be taken that no injury is done to the shrub as the bark expands with growth. Many beautiful American shrubs are notoriously fond of peat and if the conditions are not naturally favorable for their cultivation, liberal additions of this material should be incorporated when preparing the ground, if it can be obtained. Peat, however, is not always available, neither is it absolutely necessary, for many peat-loving subjects will succeed admirably in a mixture of fibrous loam, decayed leaf mold and sand.

PRUNING TOO LITTLE UNDERSTOOD.

The pruning of hardy shrubs is one of the most important matters connected with them but at present it is very imperfectly understood and we see far too often the lamentable results accruing from a lack of knowledge of their individual requirements. All that is generally considered necessary is for an incompetent workman to give the shrubs an annual trimming with a pair of shears, with the result that when the work is finished the shrubs all have about the same rounded, stiff appearance, much of the old growth which should have been removed is left and forms a mass of useless growth and the young wood, which should be carefully preserved for future blossom, is cut away. It is not possible to lay down any hard and fast rule, as shrubs differ so much in their individual requirements, but it is better not to prune at all than to prune indiscriminately. The large majority of flowering shrubs produce their blossoms during the spring and summer

months and some of these, such as the Philadelphus, Deutzias and Forsythias, which produce their flowers on wood of the previous season's growth, are improved by having some of the flowering stems cut clear out as soon as the blossoms have fallen. This will help to strengthen the new growths sent out from the base and give them a better opportunity of becoming well ripened before winter sets in. The majority of hardy shrubs, however, require very little pruning beyond occasionally removing the old growth so as to keep them shapely and open to enable them to receive the full benefit of the sun and air. It is only by intelligent study and actual practice that one can become conversant with the requirements of different shrubs.

A VERY COMMON MISTAKE.

As I have previously mentioned, it is quite unnecessary when planting ornamental shrubbery to use only those shrubs which are of bushy form, and by the inclusion of some of pyramidal growth for example and the proper use of standards one can produce a very much more attractive arrangement. A very common mistake, which should be carefully guarded against, is to plant all the larger shrubs at the back and graduate the others down to the front. By bringing some of the larger shrubs to the front and placing a well-grown standard on the edge of the shrubbery, where it stands clear above its neighbors, one will be able to give the appearance of much greater depth, which is important where space is limited. It will, of course, be necessary when the shrubbery is first made to plant more shrubs than those which can permanently remain.

Acid Phosphate Making.

IMPORTANCE OF PRODUCT IN FERTILIZERS.

The manufacture of acid phosphate has come to play such an important part in the fertilizer industry of the United States that the department of agriculture has just issued a bulletin (No. 144) on the subject, which is designed both for manufacturers and for progressive farmers. Phosphate rock, it is said, has almost entirely displaced bone, guano and apatite as a source of phosphoric acid, and a knowledge of the exact composition of the rock is of importance, because not only the phosphate of lime but all the impurities as well are acted on by the sulphuric acid used a reagent, and influence the finished product.

Of all the impurities occurring in phosphate rock, compounds of iron and aluminum are the most dreaded. Even in small quantities these elements are apt to cause a certain amount of reversion, and in large quantities may render the product sticky and unfit for use. By careful handling, however, phosphate high in iron and aluminum compounds may be made to produce high-grade acid phosphate. On the other hand, carbonate of lime is rather desirable when the quantity is not excessive.

Both the "den" and the "open dump" systems are in general use for making acid phosphate, each having certain advantages. In the "den" system, after the rock and the sulphuric acid are thoroughly mixed, the compound is dropped into a closed, brick-lined chamber or "den," where the chemical reactions raise the temperature to a high point and are completed in twenty-four hours or so, the product being then ready for shipment. In the open "dump" system, as the name implies, the mixture of acid and rock is dumped on an open pile and may require a month or even longer to become fit for use. The fumes given off in process, moreover, may become a serious nuisance in the vicinity of towns. On the other hand the removal of the acid phosphate from the den is troublesome, and, when done by hand, sometimes dangerous.

The cost of producing acid phosphate, the bulletin says, depends on a number of varying factors such as the size, location and equipment of the plant and the cost of sulphuric acid. Exclusive of office expenses, it may be said to range from $6.20 to $8 a ton. The product is sold on the basis of its so-called available phosphoric-acid content and is worth at the factory from 40 to 56 cents a unit, or 20 pounds. The phosphoric-acid content runs from 14 to 21 per cent of the marketed product.

Uses of Vegetables in the Hospital.

Many gardeners find it indeed a hard matter to meet every demand with a sure and certain supply, sufficient to fill all of the hospital's needs in getting up the daily requisition of vegetables. They consequently must get posted or standardized on each and every sort of vegetable used, how often served, and the amount of which are regularly consumed. Some sorts are sure to be wanted at all seasons and are used in large bulk; some are used often in moderate quantity; some will be wanted at times only, others will be wanted and often cried for, just when you haven't them, while yet others are a real drug on hand and seldom wanted at all.

The practice here has suggested to the writer several things. First, the law of demand, as a natural supply needful to be grown regulator, as well as a better classification of all such vegetables, and a proper seasonal knowledge of the period or periods of actual use. Secondly, a proper grouping according unto the manner of cooking and serving, as follows:

Group No. 1.—Boiled in bulk, served hot.

Group No. 2.—Boiled as greens with meat.

Group No. 3.—Cooked, or served raw as a salad.

Group No. 4.—Delicacy only; raw or cooked.

Class A.—Used in large amounts at a time.

Class B.—Used in medium amounts at a time.

Class C.—Used in small amounts and at rare times.

GROUP NO. 1.

Class.	Name.	Time of Use.
A	Beans.	Growing season, canned or dried.
A	Cabbage.	Summer, fall, winter.
B	Corn	Summer, fall & canned.
B	Onions.	Nearly all of the year.
B	Peas	Spring; also canned.
A	Irish Potatoes.	All of the year.
B	Sweet Potatoes.	Fall, winter, spring.
A	Turnips.	Fall, winter, spring.
B	Squashes.	Summer only.
C	Kohl Rabi.	Winter only.
C	Cauliflower.	Winter and spring.
B	Rutabaga.	Late winter, early spring.

GROUP NO. 2.

Class.	Name.	Time of Use.
B	Asparagus.	Spring only unless can'd.
A	Mustard.	Winter and spring.
A	Spinach.	Winter and spring.
C	Okra.	Summer, fall, winter.
C	Chard.	Winter forced.
A	Kale.	Winter and early spring.
B	Collards.	Late summer and fall.
C	Brussels Sprouts.	Fall and winter.
C	Leeks.	During winter.

GROUP NO. 3.

Class.	Name.	Time of Use.
B	Beets.	Entire season and winter.
A	Cabbage.	Pickled or raw during winter.
B	Onions.	Fall and winter.
A	Tomatoes.	Entire season; also can'd.
C	Cauliflower.	Winter and spring and pickled.
C	Celery.	Fall and pickled.
C	Chives.	During growing season.
C	Cress.	During growing season.
B	Cucumbers.	Entire season and pickled.
C	Endive.	Late fall and winter.
A	Lettuce.	All seasons.
C	Parsley.	All seasons.
B	Peppers.	During season and winter pickle.
C	Rhubarb.	During season; pickled.
B	Radishes.	All seasons.

GROUP NO. 4.

C	Artichoke.	Summer and fall.
B	Salisfy.	Fall, winter, spring.
C	Brussels Sprouts.	Fall, winter, spring.
C	Carrots.	Entire year.
B	Egg Plant.	Summer and fall.

J. B. P. MASSEY, Coop. Obs.
N. C. State Hospital.

Horticultural Society of New York.

Attention is again called to the fall exhibition of this society, which will be held at the American Museum of Natural History, November 4-7. Schedules are now being prepared, and will soon be ready for distribution. That preparations may be made for the exhibition of bush plants, the premiums offered for these are given in the list below:

CHRYSANTHEMUMS—PLANTS.

In not less than fourteen inch pots.

	First	Second
Yellow	$50.00	$35.00
White	50.00	35.00
Pink	50.00	35.00
Any other color	50.00	35.00
Anemone or single, any color	30.00	15.00
Sweepstakes, for finest and best bush plant...	Silver Cup	

This is the Society's Cup valued at $100.00.

In not more than fourteen inch pots.

Yellow	25.00	15.00
White	25.00	15.00
Pink	25.00	15.00
Any other color	25.00	15.00

SPECIMEN STANDARDS.

Not less than four feet in diameter, in not less than fourteen inch pots.

Any color	20.00	15.00

SPECIMEN, ODD SHAPE.

Any color	20.00	15.00

GEORGE V. NASH, Sec'y.

Cleveland.

EASTER TRADE PROSPECTS GOOD.

Business conditions for the past week remain about the same as previously reported. As Easter approaches, one sees a larger variety, both in plants and cut flowers at all the stores, and greenhouse men report that a good crop of all seasonable flowers will be on the market, and the quality this year will be better than ever. Easter lilies are beginning to be quite plentiful now, with a fair demand. Carnations are becoming more plentiful, but clean up remarkably well, considering the enormous amount of bulbous stock which arrives daily. Sweet peas, too, are increasing in supply as the sun shines brighter and more hours each day. Lily of the valley has been in big supply. Violets have been selling only fairly well. Mock roses are a daily factor now in the rose market. Mrs. Chas. Russell roses will soon be with us, the first shipments arriving the latter part of this week. American Beauties are still scarce. Orders for white carnations for St. Patrick's day indicate that the market will be cleaned up early. Asparagus plumosus and Sprengeri and adiantum are plentiful. String smilax has been short of the demand.

NOTES.

A barricade of grass seed (about 300 pounds of it), piled against a door at Botzum Bros. seed store. 653 Woodland avenue, foiled burglars, who "jimmied" the entrance against which the bags were placed.

The Gasser Co.'s retail store is advertising a "vase full of flowers—all for one dollar." The vase has the Gasser Co.'s name on it, which helps to advertise their business.

An exhibit of bird houses, manufactured by E. S. Schoerndorfer, 1577 Columbus road, attracted quite a crowd at the James Eadie Co.'s window. The entire window was screened off from the rest of the store, and sparrows and canary birds flew among the ferns, lilac and other decorations.

A. Barber, of the Jones-Russell Co., spent the latter part of this week at Beloit, Ohio, helping his father at the greenhouses. Mr. Barber Sr. has not been feeling well for some time.

Visitors: J. Alexander of M. Rice Co., Philadelphia, Pa.; J. VonderLinden, Rhinebeck, N. Y.; Paul Berkowitz, representing H. Bayersdorfer & Co., Philadelphia, Pa. C. F. B.

Providence, R. I.

BUSINESS IS INCREASING.

All the stores are now beginning to show an Easter appearance, and with the fine weather we have been having, things are looking much better. Most of the growers are behind with their Easter lilies this year, and many of them have become discouraged and have shut off the heat from the houses, as it is an added expense, as the plants will not now be in on time for the Easter trade. Bulbous stock never looked better, and in that line we should have some fine stock, but flower sales have increased steadily and Saturday, March 13, was a "hummer" for everybody in town. From appearances violets will have somewhat of a shortage this Easter. Azaleas will be higher in price than in former years, but are good.

NOTES.

The Newport Garden Club and the Newport Horticultural Society have dicided upon August 12-14 as the dates for the mid-summer flower show to be held in Newport.

Cumberland Hill Nurseries, Woonsocket, R. I., have received the contract to trim the trees in the village of Manville, R. I.

J. H. Cushing, Quidnick, R. I., is cutting large quantities of carnations now, and also making good cuts in his rose houses.

The business of the late Michael Sweeney will be continued by the estate, under the name of M. Sweeney.

E. E. Howard, of Auburn, has some fine Spiræa Gladstone in 8-inch pots that is going to be fine for Easter.

Sam Kinder, of Bristol, has some of the finest Lilium giganteums that have been seen in this locality.

There are some fine Spencer peas in this city at present. H. A. T.

Columbus, O.

PLENTIFUL SUPPLY FOR EASTER.

All florist stores are taking on an Easter-time variety and profusion of display. Flowers of every kind promise to be plentiful. The volume of orders being booked is fully up to last year, and everybody is feeling good over the prospect for a big Easter trade. Lilies are abundant and are good stock. The same is true of sweet peas. These two leaders have perhaps received greater attention from local growers than at any previous season. Hydrangeas also come in for a larger consideration. Current business is quite satisfactory, particularly with bulbous stock. Dealers claim that this bids fair to be a banner season in flower planting. It is felt that the space given in newspapers generally on garden hints and home cultivation of plants is creating a more widespread interest in florists' activities and is bringing about an intelligent enthusiasm that will be permanent. The Lenten season is curtailing the demand to some extent for cut flowers for social events, but most florists have been having a good funeral trade. There is no scarcity in any flower.

NOTES.

During the week of March 15-20, the Columbus public recreation department will receive orders for plants, shrubs and trees from such portion of the public as will co-operate with it in its city beautiful plans. A nominal charge is made for stock. At the end of the week all orders will be turned in to growers for early delivery.

James Underwood, one of the best-known florists of Columbus, who has for several years past been superintendent of Franklin park, was married, March 10, to Miss Fannie McIntroy, of this city. They will reside in a handsome new residence which has just been completed on the park premises.

It is announced that the Hardesty-Schory Company, which has been operating the Brunst greenhouse on West Mound street, has given it up. They will continue to operate their store on Parsons avenue. J.

Connecticut Horticultural Society.

The first March meeting of this society was held in the County building, Hartford, on the evening of March 12, President Warren S. Mason in the chair. It was voted to hold a show Thursday, June 10, the proceeds above expenses to go to the Red Cross Society. As announced, this was carnation night, and William A. Dawson, of Willimantic, exhibited his new seedling carnation, Red Wing, registered under No. 565 by the Carnation Society of America. Alfred Cebelius exhibited the folowing roses: Ophelia, Sunburst, Killarney, and Mrs. Aaron Ward; also Carnations White Enchantress, Enchantress and Beacon. A. N. Pierson, Inc., of Cromwell, displayed a vase of Arawana, a very dark red carnation. President Mason had on exhibition a vase of Spirea Philadelphia; also Carnations Matchless, Princess Dagmar, Philadelphia, J. H. Gray and Mrs. C. W. Ward. John F. Huss, G. H. Hollister and George B. Baker were appointed judges, and, after much deliberation, decided as follows: William A. Dawson, first-class certificate; A. N. Pierson, Inc., first-class certificate; Alfred Cebelius, cultural certificate; Warren S. Mason, honorable mention.

The following committee of three was appointed to make final arrangements for the June flower show: G. H. Hollister, chairman; Ed. A. Brassill, and J. M. Adams. At the next meeting there will be a demonstration of the art of pruning fruit trees by G. H. Hollister, C. H. Sierman and John F. Huss, W. W. Hunt to furnish the stock. This will also be rose night, and we expect to have our lady members with us. ALFRED DIXON, Sec'y.

Oklahoma City.

TRADE CONTINUES SATISFACTORY.

As the Lenten season progresses it is not noticed that there has been any diminution in the flower trade. All the stores report that business continues quite satisfactory, and that that there is going to be plenty of demand on St. Patrick's day, judging from the many inquiries that are being made. Weddings and funerals both have created flurries in the trade during the last week or two, many orders coming in for such from isolated portions of the state. Spring is developing fast now. This is the most backward spring the writer has ever seen here. Usually at this time fruit trees are getting past their flowering period and forest trees are mostly in leaf. So far this year, March 14, there is scarcely a leaf in sight. The seed trade is beginning to assume quite an activity, though the real spring rush has not arrived.

NOTES.

The bagworm as a scare has taken such a hold on people here that thousands of handsome shade trees have been butchered, until some of our streets have the appearance of being lined with gigantic hat-racks. The stupendous ignorance of our commissioners of public property allowed the information to go abroad that the only way to get rid of the bagworm was to cut away the branches on which the cocoons were fastened, and burn them, and in spite of attempts of civic leaders to check this wholesale destruction, great havoc has been wrought to our shade trees.

One of our mercantile stores has taken up the small nursery stock line, and is selling young plants, such as roses and flowering shrubs, at 10 cents each. We look upon this as a good sign, as it will stimulate the trade in hardy stock, which is a branch that sadly needs developing here.

The Oklahoma State Society of Florists discussed the flower show problem in detail at its last meeting, and a committee of three will have full charge of getting up the affair. The show will be held in early November.

Visitors: R. C. Kerr, Houston, Tex., J. W. Furrow, Guthrie, and A. S. Gray, Chickasha. S. S. B.

New Orleans.

R. C. Kerr, president of the Texas State Horticultural Society and member of the S. A. F. executive committee, passed through this city, enroute to Chicago to attend a meeting of the board of directors of the S. A. F., and while here gave a very interesting address to the florists of this city, reviewing the good work of the Texas State Horticultural Society during the first year of its existence. He then advocated advertising in trade journals and daily papers, complimenting THE AMERICAN FLORIST and other journals. He discussed the possibilities of organizing a southern state association of florists. After thoroughly explaining his views on the subject, he called for an expression of opinion from the members. C. W. Eichling informed Mr. Kerr that the New Orleans Horticultural Society, a few years ago, had attempted to organize the florists and nurserymen of the south, and in fact such organization was effected, the first meeting being held in Chattanooga, Tenn., and the second in New Orleans, but owing to the lack of interest and support of the florists of the south, the organization died a natural death, and with it, the southern trade journal that had been put in circulation with the organization of the Southern Florists' Society, also expired, although Mr. Eichling further stated that he thought there might be a possibility of reorganization, the florist business having increased by rapid strides since the dissolution of the old society.

C. R. Panter gave as his opinion, that there was no necessity of a southern society for the florists, but he considered there was ample room to perfect state organizataions, and that all local societies should be affiliated, through representation, with the S. A. F., or that there should be a business meeting of representatives of all local florists' societies, in national convention, for business purposes only, as a separate branch of the S. A. F., when all matters appertaining to the florists and nurserymen could be thoroughly discussed and acted upon.

P. A. Chopin expressed himself as concurring in the remarks of Mr. Panter, stating that the bulk of the business of the florists of the United States was done with the eastern states, and therefore, it was an absolute necessity that the florists of the whole country should be in closer

touch with each other through a national organization. The following florists also expressed their views on the subject, and the general opinion was to enlarge the scope of the national organization: P. Abele, H. Scheuermann, H. Illenberger, C. Ory, C. Farley and others. After a very interesting evening spent discussing matters of interest to the trade, Mr. Kerr was escorted to Kolb's cafe and entertained by the local florists, leaving for Chicago the following morning.

C. R. PANTER, Sec'y.

Newport, R. I.

GARDEN ASSOCIATION EXHIBITION.

The mid-winter exhibition of house plants by the Newport Garden Association proved to be a gratifying success, the display being larger than was expected and included many kinds of plants growing in all kinds of containers from a tin can to a pail. Some handsome plants stood about, sent from private places to give effect. Florist Oscar Schults was show manager and the judges were Frederick J. Palmer, of Brookline, Mass. H. W. H. Powell and William McKay, the last named, president of the Newport Horticultural Society.

Mr. Palmer gave an informal talk, telling how to grow house plants, and naming some of the best kinds to grow. Rev. Roderick Terry, D. D., president of the Garden Association, said among other things, that the association would hold monthly shows during the summer months at its experiment garden, Old Beach road.

NOTES.

The writer was talking with Hugh Williamson about Historian Bancroft's collection of roses, and he said that Bancroft's secretary told him that the name American Beauty rose originated in Bancroft's garden in this way. Bancroft was showing a lady about his rose garden, and upon the lady asking the name of Rose Madame Ferdinand Jamain, and he not being able to give the name, the lady remarked, "never mind the name, it's a beauty anyway," and straight away Bancroft named it American Beauty.

Ex-president John T. Allan, of the Newport Horticultural Society, has recently discovered a tulip in his collection that resembles Tulip Proserpine in color, and has the characteristic of having three blooms on one stem. He will place this tulip on exhibition in New York for the purpose of establishing its identity.

J. J. B.

Westchester & Fairfield Hort. Society.

The attendance at the monthly meeting of the above society held in its rooms in Doran's hall, Greenwich, Conn., Friday, March 12, was well attended. President Sealey was in the chair, and exceptionally fine displays in competition for the prizes offered by James Stuart, were noteworthy features. The competition was spirited and a remarkably fine lot of plants and flowers were staged. The first prize was awarded to A. Wynne for a handsome vase of Gerbera Jamesoni, and the second prize went to W. J. Sealy for a beautiful plant of Lilac Marie La Gravere. Honors accorded the other exhibits were as follows: Wm. Whittin, honorable mention for Lilium formosum; A. Wynne, honorable mention for schizanthus; Wm. Graham, honorable mention for display of cyclamen and vote of thanks for Carnation Princess Dagmar and Rose Mrs. Chas. Russell; Robert Allen, honorable mention for specimen plants of Dendrobium Wardianum. Robert Williamson was awarded honorable mention for a specimen plant of Chorizema splendens and also a vote of thanks for specimen plant of Sutton's Reading Gem cineraria, a variety intermediate between the stellata and hybrida types. J. B. McArdle was given a vote of thanks for exhibit of Gertrude hyacinths, and Louis Whitman's exhibit of a specimen plant of Crimson Rambler in bloom, was also awarded a vote of thanks. P. W. Popp exhibited a pan of Tulip Kaiserskoon, for which a vote of thanks was accorded to him.

Among the visitors present were the following: A. L. Ricards of the Stumpp & Walter Co., New York, and Alex. Cummings, Jr., of A. N. Pierson, Inc., Cromwell, Conn. Seven new members were elected and seven new names were proposed for membership in the society. The entertainment committee made its final report and was discharged with a rising vote of thanks. The lecturer of the evening was Alexander Cummings, Jr., who read a very interesting paper on "Rose Culture," and his hearers heard much in regard to the merits of some of the older varieties as well as the new ones. A rising vote of thanks was given the speaker for his instructive and very interesting paper. It was voted to hold the summer show in Greenwich, the dates which will be in June, to be announced later. The fall exhibition will be held in Stamford, Conn., the opening date being November 2.

For the next meeting, which will be held April 9, A. L. Ricards offers a cash prize of $10 for the best exhibit and an interesting display is anticipated.

P. W. POPP, Cor. Sec'y.

Worcester, Mass.

The first spring show of the Worcester County Horticultural Society was held in Horticultural hall, Thursday, March 4. The hall was transformed into a Dutch garden, consisting of exhibitions of bulbous stock by H. F. A. Lange and Edward W. Breed. Walks of tanbark outlined with brick were artistically arranged throughout the garden, and a quaint Dutch tea-house was set up near the stage. In the garden leading to the tea-house, rhododendrons, primroses, hyacinths and tulips from Lange's were displayed. The tulips, Pride of Harlem, were exceptionally good. The Sunnyside greenhouses exhibited some splendid carnations, and a display of orchids by Mrs. John C. Whitin attracted considerable attention. A local orchestra, hidden by greenery, furnished music during the exhibition. The displays, all well arranged, included cut blooms and plants in large variety, and competition in the awards was keen. Among those who carried off the honors for excellence in quality and arrangement were the following: H. F. A. Lange, Sunnyside Greenhouses, W. Estabrook, Forbes & Forbes, Edward W. Breed, Mrs. John C. Whitin, Allyne W. Hixon, Miss Lucy M. Coulson, Mrs. Wallace Sargent, Charles Potter and P. F. Brigham.

Fire destroyed the home of Herbert W. Austin, a bulb grower of Milford, Mass., March 3. Five hundred dollars' worth of bulbs, stored in the cellar, were destroyed, and the damage to the house amounted to $2,500.

R.

Lancaster County Florists' Club.

When you can get more than one-fourth of the members of a florists' club to get out at five o'clock in the morning, take a visiting trip covering over 250 miles and get home at 11:30 at night, we feel that we have some live club, and if it were not for the fact that a goodly number of our members do their own firing, the number would have been over one-half. The party consisted of E. P. Hostetter, C. S. Loeffler, John Shreiner, Harry Weaver, F. L. Kohr, Chas. B. Herr, H. K. Rohrer, B. F. Barr, A. M. Herr, Elmer Weaver, Chas. B. Weaver, Rutter Hess, Ralph Hess, W. R. Denlinger, M. J. Brinton and Jas. Brown.

The first stop was at E. A. Stroud's, Strafford, Pa. Here we were joined by S. S. Pennock, Isaac Passmore, A. H. Lanser, Wm. Muth and Leonard H. Dedman, and being met by automobiles, were rushed to the greenhouses and shown through by W. E. Johnson, who did the honors nobly. Carnations are always the first attraction for this aggregation and we were well pleased with the houses of Matchless, Gloriosa, Philadelphia and Mrs. C. W. Ward. The retail end of this establishment has grown to a two-truck delivery size and of course requires some room to grow the stock, which was all in elegant shape and consists of the usual line, with a few unusual things for variety. A section of wallflowers and some very choice camellias were especially noticeable. Their multiflorum and giganteum lilies were in extra fine form, and the number ran into the thousands; in fact, there were so many good things here that the place would require a column or more to describe it.

Leaving Strafford at 8:45 a. m. we reached Broad street station, Philadelphia, at 9:17 and made a grand rush for the Reading terminal, where we were met by our two Chester county friends, Wm. Swayne and Chas. Marshall of Kennett Square, Pa.; also Mr. Bernheimer of the Florex Gardens, North Wales, Pa. The Florex Gardens was our next point, and our first inspection was their large house, where one does not think in ordinary florist's figures, but gets into those of high finance. When one is in their King-constructed house, 172 feet wide, 700 feet long and 30 feet high, it does not take much of an imagination to complete the rest; seven miles of paths, 60,000 panes of glass, 56,000 feet of heating pipes, 79,000 roses, 50,000 plumosus, gives some idea of its immensity and the imagination of the mind that conceived it. Bigness is characteristic of the whole place. Take their Mr. Geiger, who conducted us over the place; he is not only big in stature, but big in all he undertakes, and the heads of the various departments realize that it is up to them to uphold the reputation of the place. H. B. Girvin, a former Lancasterian, has charge of the carnations, and they are simply superb. White Enchantress and Enchantress are here on solid beds as good as they have ever been grown, and it would do Peter Fisher's heart good to see these Enchantress, immense flowers, perfect in form, color and substance and scarcely a bursted calyx to be seen. They also have a pink variety of their own called Ruth, and it is a wonder that some novelty introducer has not captured it, as it certainly has all the earmarks of a profitable variety. They also have a flesh-colored pink that looked good, but does not ship very well and will be discarded. Having carnations on benches and in solid beds, they have decided after a number of years' trial, that the solid beds are the most profitable. A small house of snapdragons upheld the reputation of the place by producing 10-foot stems.

After a dinner at North Wales, which suited everyone and cost only a nominal figure, we started on our way again, bound for Hatboro. When we reached Willow Grove park we missed connections with the street car and would have had to wait half an hour, so we formed a "hike club" with S. S. Pennock as chief, and started a three-mile hike, leaving the lazy members of the party to take the car. Both parties arrived at the Weiss establishment at Hatboro, Pa., about the same time and were shown around by Harry Weiss, who proved an enchanting host,

in spite of the fact that we came upon him unexpectedly. The carnations here have a world-wide reputation, and we were not disappointed; in fact, we were surprised at the qualtiy of blooms grown here, and the extreme neatness of the place. They had evidently visited our Chas. B. Herr and were patterning after him. This firm believes in trying a new one properly or not at all, and will plant over 5,000 Alice next season and they have made enough out of Gorgeous to plant 30,000 of this variety for next season.

Our next stop was the Stevenson rose house 72 feet wide and 850 feet long of Lord & Burnham construction, their representative, Dennis Connor, having met us at the Weiss place. Not being rose growers ourselves, this house was more of an attraction as house than the crop, but we were shown how to pack flowers, and it was a revelation to many of us. I did not get the name of the manager here, but he was some manager all right, as the place was 100 per cent pure.

We then hustled back to Philadelphia and divided, some going to Leo Niessen Co. and some to the S. S. Pennock-Meehan Co. to see how flowers were handled in the closing hours of a commission house, it then being 5:45. There was some food for thought here, and this part of the trip was very interesting to most of us. After a 6:30 dinner we all marched in to the rooms of the Philadelphia Florists' Club and inspected the carnation blooms on exhibition, it being carnation night for the club. We evidently took them by surprise, as they were so busy showing us the hospitalities of the club that it was time for us to leave before the meeting opened. They evidently forgot they had a meeting for the night, or are not as prompt as our Lancaster club, which opens on the minute designated on the notice, regardless of everything else. But we had a good time all the same, and only await an opportunity to reciprocate.

It was a pretty tired party that returned to Lancaster on the 8:50 train from Broad street, but well pleased with the day and considerably wiser in many ways. Our next trip comes pretty close, March 13, leaving Lancaster 12:15 noon, with Christiana as the first stopping point, and as many stops on the way back to Lancaster as daylight will permit. Visitors are always welcome on these trips, and are always allowed to pay their own way, so that they do not need to feel under any obligations to anyone.

The meeting of the club will be held March 15, with Charles Grakelow of Philadelphia, Pa., as the speaker.

ALBERT M. HERR.

Tri-City Florists' Club.

The regular meeting of the Tri-City Florists' Club was held at the residence of Ludwig Stapp, Rock Island, Thursday, March 11. There was a large attendance present. President J. Staack called the meeting to order, and in addition to the regular order of business, officers for the ensuing year were elected as follows: Harry Bills, president; Henry Pauli, C. Sorenson and Ed. Patten, vice-presidents; Wm. Goos, secretary; A. Anderson, financial secretary; Wm. Knees, treasurer; Ludwig Stapp, James Hansen and Thos. Hensley, trustees. Retiring President John Staack's name was put up for re-election, but having served two terms he declined the honor in favor of Harry Bills. A rising vote of thanks was given on a resolution as an expression of appreciation of the retiring president's work in behalf of the club. A letter from J. J. Beneke, secretary of the St. Louis Florists' Club, relating to the annual meeting of the Chrysanthemum Society of America in St. Louis, Mo., in 1916, was read, and it was resolved to lend the aid of this club to add to its success. A social hour was enjoyed after the close of the business session. The next meeting of the club will be held at the home of William Knees, Sr., Moline, Thursday, April 8.

WM. GOOS, Sec'y.

Nassau County Hort. Society.

The monthly meeting of the Nassau County Horticultural Society was held in Pembroke hall, Glen Cove, Wednesday, March 10, President Ernest Westlake in the chair. Arthur Harris, Glen Cove, was elected to active membership and one petition for active membership was received. The president appointed as judges for the monthly exhibits, George Ashworth, John W. Everitt and Thomas Twigg, and their awards were as follows: For competition, vase of 12 carnations, white, James McCarthy, first; 12 pink, Frank Honeyman, first; 12 any other color, Frank Honeyman, first. The president's special prize, a fountain pen, for 25 mixed carnations, was also won by Frank Honeyman. For exhibition only, vase of antirrhinum (seedling) exhibited by A. Fournier was awarded a certificate of merit. Bush beans, exhibited by J. F. Johnstone, was given honorable mention and a collection of greenhouse flowers, exhibited by H. Jones, was also given honorable mention. The exhibits for the next meeting will be vases of flowering shrub, six gardenias and a vase of 12 indoor roses, mixed.

JAMES GLADSTONE, Cor. Sec'y.

Holyoke and Northampton Florists' Club.

The monthly meeting of the Holyoke and Northampton Florists' and Gardeners' Club was held Tuesday evening, March 9, in the large, new G. H. Sinclair greenhouse at Smith's Ferry, Mass., and was largely attended, about 40 being present. Wm. Sefton, president of Hitchings & Company, New York, gave a most interesting and instructive talk upon the construction of greenhouses, and the mathematical calculations required in the roofs of large houses to make them rigid and safe in any kind of snow or wind storms. His remarks were closely followed by all the members present, and many questions were asked at the close of his talk. The new Sinclair greenhouse is 60 feet by 400 feet, and although only completed last October, is now in fine condition. Carnations occupy half the house and look very well indeed. The other half is devoted to sweet peas, gladioli, antirrhinums, forget-me-nots, and young carnation and chrysanthemum stock. His sweet peas are a sight worth seeing. H. Downer, of Smith College, exhibited English wallflowers, with a pure white one among them. He also exhibited nemesias in 4-inch pots, which attracted much attention. D. Gallivan exhibited some well grown and flowered ericas, F. D. Keyes & Son, calla lilies, and the Massachusetts Agricultural College, carnations. W. Fraleigh, of Holyoke, exhibited a bunch of the double blue Farquhar violets. The April meeting will be held at Florence, at the greenhouse of F. D. Keyes & Son.

E. J. C.

Omaha.

At a meeting of the trade held in the court house, March 11, the Omaha Florists' Club was reorganized under the title of the Omaha and Council Bluffs Florists' Club and the following officers were elected: Fred L. Lainson, Council Bluffs, Ia., president; Geo. Sorrensen, Florence, Neb., vice-president; Henry Meyer, Council Bluffs, Ia., treasurer; Howard R. Morgan, Omaha, Neb., secretary. Geo. H. Swoboda, Paul B. Floth and L. M. Rogers, Omaha, Neb., trustees.

GRIPPE.

TOWN TALK.

LOCKPORT, N. Y.—Wm. Roe, florist, died here February 22.

ASTORIA, ORE.—The Sunset Florists opened a shop in the Sunset building, March 3.

PEORIA, ILL.—The name of the Rue Floral Co. has been changed to Siebenthal & Nelson.

VISALIA, CALIF.—A rose carnival managed by the Visalia Woman's Club will be held April 10.

COLUMBIA CITY, IND.—C. W. Burkett, of Warsaw, Ind., has purchased a greenhouse in this city.

INDEPENDENCE, IA.—J. B. Steinmetz and Jonathan Bland will erect a greenhouse on East Main street.

INDIANAPOLIS, IND.—The new store of Pandell, the Florist, has been opened in East Washington street.

DALLAS, TEX.—There are 3,200 entries in the vacant lot school garden campaign, recently inaugurated here.

DULUTH, MINN.—The Seekins greenhouse, Louis Vesias, proprietor, was destroyed by fire, March 3. Damage, $9,000.

CLINTON, ILL.—Andrew Peterson, who recently purchased the greenhouse of C. W. Moore, has taken possession.

KANSAS CITY, MO. — The Larkin Floral Co. has redecorated and renovated its shop. A window flower case has been installed.

CARTHAGE, MO.—The Fairview Greenhouses suffered a loss of about $25 February 23, when a wind storm broke glass to that amount.

DEKALB, ILL.—A. J. Riggs, florist, will aid the community improvement plan by donating 500 salvias, 500 geraniums and other plants.

LINCOLN, NEB.—The greenhouse at the state penitentiary will be relocated and rebuilt as a result of changes in the arrangement of the prison yard.

ATLANTA, GA.—The Nunally Co. reports that business has improved considerably and looks forward to a further increase and a good Easter business.

BATTLE CREEK, MICH.—S. W. Coggan says business is quite brisk at present with spring-flowering plants in strong demand. There is lots of funeral work here.

HOUSTON, TEX.—Cut rates on plants will be made by Houston florists who are members of the Houston Florists' Club to all persons entering the pretty yards' contest.

NEW YORK.—Referee in Bankruptcy, William Allen, has called a meeting of the creditors of Herbert P. Crowley, individually and as a member of the firm of Kammann & Crowley, bankrupt, at his office, 67 Wall street, New York, March 25, 1915, at 11:15 a. m.

BIRMINGHAM, ALA. — The Lambert Seed & Floral Co. has incorporated with a capital stock of $2,000, paid in $1,000. The officers are G. T. Brazelton, president; G. N. McDonald, secretary and treasurer; John A. Lambert, vice-president and general manager.

GREELEY, COLO.—The Gardner Floral Co., states stemrot on asters was so bad with them that they lost 75 to 90 per cent, six to eight years ago. A lady visitor told them to use burnt leaves in the soil and this plan has been tried for six years, reducing the loss to five per cent.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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FRANK H. TRAENDLY, the well known New York wholesale florist, has suggested a new title for George Asmus, equally well known Chicago retailer, calling him the S. A. F. business agent.

VICE-PRESIDENT MACRORIE, of the Society of American Florists, arrived at Chicago from the exposition city March 15, enroute to New York, where he will present to his brother officers of the national organization details of the preparations for the San Francisco convention next August. He carries the names of 22 new members, making a total of 66 which he has enrolled since the Boston meeting last year.

LILY growers of experience who exercise the usual care in handling their bulbs and plants have little trouble with them and find this crop comparatively easy to manage.

ST. PATRICK'S DAY business in the florists' line, according to a shrewd retail observer, is not increasing because of racial prejudices against the inartistic association of spuds, clay pipes, green carnations, etc., with natural flowers and plants.

The New York Show.

The New York flower show opened on time at the Grand Central Palace, March 17, but a considerable number of the exhibits are incomplete or unlabeled as the telegraph operator takes this message. The ground floor and balcony are completely filled with exhibits. The decorations are quite simple, wild smilax being used extensively on the numerous columns. The most imposing exhibit to date is the formal rose garden of A. N. Pierson, Inc., Cromwell, Conn., with rustic appointments. Lager & Hurrell, Summit, N. J., make a fine showing of orchids with electrical effects. Vaughan's Seed Store has an extensive display of seasonable specialties. J. M. Thorburn & Co. present a formal garden in which rhododendrons and bulbous plants are conspicuous. The F. R. Pierson Co., Tarrytown, N. Y., makes a fine display of its famous ferns, also palms. G. E. M. Stumpp shows an elaborate pergola covered with English ivy. Bobbink & Atkins, Rutherford, N. J., have adorned a summer house with evergreens and clipped trees. The Julius Roehrs Co., Rutherford, N. J., displays lilacs, lilies and callas. The Horticultural Society shows a summer house with banks of roses, lilies and bulbous plants. The Horticultural department of Cornell University has displayed its horticultural and floricultural literature in a booth. The balcony is reserved for competitive displays of plants and cut flowers, the tulips being especially fine. There are extensive exhibits of garden accessories and the Red Cross Society has a very effective tea garden conducted by prominent society ladies for the benefit of the war organization.

The special exhibits for Wednesday, March 17, include plants in flower, palms and foliage plants, ferns, bulbous stock, orchids and roses.

Thursday, March 18, is reserved for cut roses.

Friday, March 19, carnations.

Saturday, March 20, table decorations.

Monday, March 22, violets.

American Sweet Pea Society.

A supplement to the schedule for the exhibition of the American Sweet Pea Society to be held in the Palace of Horticulture, Panama-Pacific exposition, San Francisco, Calif., June 4, 1915, has been issued and includes the following additional classes:

Class 20, open to gardeners and amateurs. Prize donated by G. A. Dennison, chief of horticulture, Panama-Pacific International exposition. Best display of sweet peas arranged on tabling 3 feet by 6 feet. Display to face the front of tabling only. Tabling furnished by society. Any style of vases may be used. First prize, $25.

Class 21, open to gardeners and amateurs. Prizes donated by John Bodger & Sons Co., wholesale seed growers, Los Angeles, Calif., for 12 vases sweet peas, 12 distinct varieties of Spencer sweet peas, 12 distinct colors. First prize, $15; second prize, $5.

Class 22. To the winner of most points at the exposition the Garden Magazine offers its handsome medal. A first prize will count 5 points; a second prize will count 3 points; a third prize will count 2 points; a fourth prize will count 1 point.

Class 23, open to all florists. The President's prize, handsome silver cup, value $50. Presented by Lester L. Morse, president American Sweet Pea Society, for the most original floral design in sweet peas—any size. Only sweet pea blossoms to be used, but any foliage may be employed. Exhibitors may display neat advertising cards with their exhibit after judging has taken place. Intending entrants for this class will notify the secretary 10 days before the exhibition the space they will require for their exhibit.

Class 24, open to seed growers and seedsmen. For the best trade display of sweet peas, medals presented by the National Sweet Pea Society of Great Britain. First prize, gold medal; second prize, silver gilt medal; third prize, silver medal.

F. G. CUTHBERTSON, Ass't Sec'y.

Jonquils, Daffodils, Narcissus.

ED. AMERICAN FLORIST:

There appears to be some variation of opinion in the cut flower trade as to what are jonquils, narcissus and daffodils, and the undersigned wishes you would kindly state how they differ, giving the botanical names in each case. D. H. W.

New York.

The three of these belong to the genus narcissus. This genus is divided into three large groups, as follows:

Magnicoronati, or large crown. To this belongs Narcissus pseudo-narcissus, which is the true daffodil. In this group the crown or trumpet is as long as the perianth segments or longer than them. All of the showy members of this genus in the trade with this large crown, belong here and are true daffodils.

Mediocoronati, or medium crown. To this belongs Narcissus incomparabilis. In this group, the crown is usually about one-half as long as the segments of the perianth. The members of this group are usually referred to as narcissus.

Parvicoronati, or small crown. In this group the crown is reduced to a flat, or merely cup-shaped organ, many times shorter than the segments of the perianth. To this belongs Narcissus tazetta, the Polyanthus narcissus; Narcissus poeticus, the poet's narcissus; and Narcissus Jonquilla, the jonquil. The members of this group are referred to as narcissus, the last, Narcissus Jonquilla, being the true jonquil. This has, as you are aware, terete leaves.

The limits of each of these groups, of course, is not hard and fast; if they were, they would take rank as genera rather than as groups.

GEO. V. NASH,
Head Gr., N. Y. Bot. Gdns.

Watch Out!

ED. AMERICAN FLORIST:

There is a smooth young man going the rounds telling young gardeners that he is the advance agent for a new horticultural periodical, to be devoted wholly to the interests of private gardeners. He secured to my knowledge five subscriptions here, two receipts being sent you herewith. One of the subscribers has written to Columbus, O., and gets no reply. I would suggest that other possible subscribers investigate before making any payments.

Lake Forest, Ill. E. O. ORPET.

Club Meetings Next Week.

Baltimore, Md., March 22, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets. Noah F. Flitton, Secretary, Gwynn Falls Park, Station F, Baltimore.

Dobbs Ferry, N. Y., March 22, 8 p. m.—Dobbs Ferry Horticultural Society, Odd Fellows hall. B. Harms, secretary, Dobbs Ferry.

Hartford, Conn., March 22, 8 p. m.—The Connecticut Horticultural Society, County building, Hartford. Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Newport, R. I., March 23, 8 p. m.—Newport Horticultural Society, Music hall. William Gray, secretary, Bellevue avenue, Newport.

Norwich, Conn., March 22, 8 p. m.—New London County Horticultural Society, Buckingham Memorial. Frank H. Allen, secretary, 321 Main street, Norwich.

Providence, R. I., March 22, 8 p. m.—Florists and Gardeners' Club of Rhode Island, Swartz hall, 96 Westminster street. William E. Chappell, secretary, 333 Branch avenue, Providence.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY, N W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By an experienced gardener on private place. Fruit, flowers and vegetables, hot and cold graperies, hot house fruit, lawns, shrubs and all work required on private place. Best of reference. Address Key 497 care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience. OSCAR WERNER, 605 Main St., Petaluma, Calif.

Help Wanted—A good grower of all kinds of pot plants. Wages $15.00 per week Chicago man preferred. F. J. MUNZING, 6101 Broadway, Chicago, Ill.

Help Wanted—Two gardeners experienced in landscape planting; also nursery foreman; steady work all the year. SWAIN NELSON & SONS CO., 940 Marquette Bldg., Chicago.

Help Wanted—Young man who understands thoroughly retail seed business; also knows principles of landscape gardening. State experience, age and wages expected. L. MCALEER, 1022 Messanie St., St. Joseph, Mo.

Help Wanted—Florist wanted, must be experienced and with best written references. Apply at C. C. TREPEL, Florist, Care of Bloomingdale Bros., 59th St. and 3rd Ave., New York City.

Help Wanted—Experienced greenhouse man who thoroughly understands propagating and growing roses, palms, ferns and bedding plants. Give reference, age and wages expected in first letter. THE WAGNER PARK NURSERY CO., Sidney Ohio.

Help Wanted—High grade saleslady for our store. Must have experience, know flowers and their value, and be able to wait on trade uncomplainingly. Have no objections to the ginghamed dressed girl. A steady position for the deserving one. Answer at once, stating wages expected and we will telegraph if agreeable. MATTHEWS THE FLORIST, Dayton, Ohio.

For Sale—Will sell at reasonable price, five greenhouses, well stocked; dwelling house, garage and barn. For further information inquire of MILES MEIDAM, 1362 Carver St., Appleton, Wis.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK, 7005 N. Clark St. or Proprietor 5964 N. Paulina St., Chicago.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres. 10-room house and barn, cost $16 000, will take $9 500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms A. J. WOODCOCK, Wilmette, Ill.

For Rent—Desirable location or retail florist Lease expiring soon. Apply T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address Key 496, care American Florist.

LAND BARGAIN.

Fine lot, 82½ x 250 feet, splendidly located on Rock Island Railroad, near Walden station in Chicago Ideal location for florist; excellent soil, plenty of city water and additional land adjoining if desired. Train every half hour and every other convenience that a greenhouse man may need. Can be bought dirt cheap at terms suitable to the purchaser. For further particulars address

F. W. PORTER,
Room 330, 175 West Jackson Blvd., Chicago

Store Bargain.

Splendid opening for florist with small capital. Retail flower store, well established business. Owner must leave city on account of poor health. Investigate quick. Address

Key 498, care American Florist.

Situation Wanted

CARNATION GROWER

One capable of taking charge of a large place. Can furnish best of reference as to ability and character.

HARRY NICHOLSON,
1529 Fifth Street, Rockford, Ill.

Catalogue Man Wanted.

By an old and well established Seed House, A man with experience in Seed and Plant Catalogue work, also able to write good copy for advertisements, etc. Give your experience in detail; your age, married or single and state if now engaged. Address

Key 495, care American Florist.

Agents Wanted

Money-making proposition. Every florist can use and will buy on sight. Write for territory immediately.

DORREM SALES CO.,
4420 Prairie Ave. Dept. A,, CHICAGO.

FOR SALE.

MAIL ORDER SEED BUSINESS.

Mail order Seed Business of Thirty Years Establishment. An unusual opportunity to secure a real money making seed business at a bargain Annual patronage consists of 200,000 customers. It will pay one interested in this line of business to investigate. Good reasons for selling. Correspondence solicited. If interested can be shown actual results received daily at this time. Address, Key 488, care American Florist.

Seed Clerks Wanted

Men with experience, ability and good records for retail store. Write full particulars to

The W. W. Barnard Co.
231-235 West Madison St.,
CHICAGO, ILL.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

EASTER STOCK

On time and in fine shape Can ship any time and it would be to your advantage, if you have glass, to have stock shipped a week or two before Easter, as there is much less danger of bruising the buds on blooming stock. Then too, it will make a much better appearance developing after shipment.

State whether to be in or out of pots. Four, five and six inch stock, grown in pots, can be shipped in paper pots and save Express. Azaleas, Rhododendrons, large Roses and Hydrangeas must be left in pots.

TERMS—All orders from parties unknown to us must be accompanied by Money Order or Draft. (No personal checks). If you wire an order, wire the money also, as we refuse to ship C. O. D. to unknown parties.

Lilies, Giganteum. Very fine. 10 to 12-in. above pots, 3 to 6 buds, 10c per bud; 12 to 18-in. above pots, 3 to 6 buds, 12c per bud; 20 to 30-in. above pots, 3 to 6 buds, 15c per bud.

Azaleas, all colors, $1 00 to $1 50; can supply in bloom for immediate sales.

Spiraea, Gladstone and Alexandria, 6 and 7-in. pots, 35c to 75c each.

Rhododendrons, all colors, $1 50 to $2 50 each.

Azalea Mollis, yellow, $1 00 each.

Deutzia, Gracilis, a find Easter plant, 50c to 75c each.

Hydrangeas, new French sorts, 6-in. pots, 3 to 6 heads, 50c to $1 00 each

Roses, Jessie, Teschendorf, Crimson Baby, 4-in., 25c each; 6-in., 60c to $1 00 each.

Roses, Tea, 4-in., 20c each.

Daffs, Von Sion, Emperor, and Bi-Nictoria, 6 and 7-in. pans, 50c to 75c each.

Dutch Hyacinths, all colors, 4-in. pots, 15c each; 6 and 7-in. pans, 60c to 75c each.

Tulips, double, all colors, 4-in. pots, 20c each; 5-in. pans, 35c each; 6-in. pans, 50c each; 7-in. pans, 75c each.

Valley, 5 and 6-in. pans, 50c to 75c each.

Pelargoniums, Easter Greeting, finest one out today, 4-in. pots, 25c each; 5-in. pots, 35c each.

Pelargoniums, named, all colors, 4-in., 20c each; 5-in., 30c each.

Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. Can supply for immediate sale also.

Primula Obconica, fine, 4-in., 15c each; 5-in., 25c each. Can supply for immediate sale also.

Callas, 5 and 6-in., 35c and 50c each.

Carnations, all colors, 4-in., 15c each.

Geraniums, 3 and 4-in., 7c and 10c each.

Ferns, Boston varieties, 4, 5 and 6-in., 15c, 30c and 40c each.

Asparagus, Plumosus, 3, 4 and 5-in., 7c, 15c and 35c each.

Asparagus, Sprengeri, 2½, 3, 4 and 5-in., 4c, 6c, 15c and 35c each.

Table Ferns, 8 sorts, 2 and 2½-in., $4 00 per hundred.

Variegated Vincas, 3 and 4-in., 6 and 10c each.

Araucarias, $1 00 each and up.

Kentias, 5 and 6-in., 75c and $1.00 each.

Phoenix Roebelenii, 8 and 10-inch, $2.00 to $4.00 each.

Rubbers, five and 6-in., 35c to 50c each.

Begonia Luminosa, 4-in., 15c each.

Write us about **Roses** for later delivery. Grafted and own root. Have a large and fine stock.

C. H. FREY, 1133 "O" Street, Lincoln, Nebr.

St. Louis.

STOCK IS PLENTIFUL.

The market the past week was crowded with all kinds of flowers, the only exception being American Beauty roses which are decidedly scarce. Carnations have been very plentiful and selling at low prices; red carnations especially have been plentiful. Bulbous stock is also very plentiful, southern jonquils selling at $2 per 1,000. The supply in violets and sweet peas has increased considerably and prices have fallen. Greens of all kinds are plentiful as well as lilies.

FLORISTS' CLUB MEETING.

A very enthusiastic meeting of the florists' club took place March 11 at the Odd Fellows' Hall, at 2 p. m. President Jules Bourdett, owing to pressure of business being unavoidably absent, W. S. Wells, vice-president, took the chair. A paper was read by W. W. O'Weiler, of Shaw's Gardens, on "Soil for Florists' Use." After the meeting the members and visitors went to the wholesale houses of the Windler Wholesale Floral Co. to attend the carnation display and novelty exhibition. Many were here who were not present at the club meeting. Refreshments were indulged in and a good time was held and enjoyed by all who participated. Fred Ammann, of Edwardsville, Ill., and John Van Aart, of Paducah, Ky., were present as well as 45 members of the club. The contributors to the show and their exhibits were as follows: Anthon Bros., Kirkwood, Mo., Enchantress and Rose Pink carnations; J. R. Kropp, Kirkwood, Mo., White and Pink Enchantress carnations; Henry Edmunds, Belleville, Ill., Ward and seedling carnations; J. D. Thompson Carnation Co., Chicago, Aviator carnations; Al. Kopp, Kirkwood, Mo., Sangamon carnations; J. F. Ammann & Co., Edwardsville, Ill., White Enchantress, Rose Pink and Enchantress carnations; Maurice F. Widmer, Highland, Ill., Ward, Enchantress, White Enchantress and Beacon carnations; Alton Floral Co., Alton, Ill., Beacon, White Enchantress, Pink Enchantress and Rose Pink carnations; Wenzel & Hecht, Anglum, Mo., assorted carnations and Butterfly sweet peas; Pierre Schneider, Oakland, Mo., assorted carnations; W. A. Rowe, Kirkwood, Mo., Empress Jonquils, Golden Spur narcissus, White Enchantress, Pink Enchantress and Washington carnations; W. J. Pilcher, Kirkwood, Mo., White Killarney, Killarney, Killarney Brilliant, Hadley, Milady and Ward roses and violets; Chas. Meier, Kirkwood, Mo., White Enchantress and Enchantress carnations; Adolph Ahner, Kirkwood, Mo., assorted carnations; J. A. Wibe, Hillsboro, Ill., yellow daisies; Hugo Gross, Kirkwood, Mo., lavender freesias and Butterfly sweet peas; Benj. Albers, St. Louis, Mo., primrose plants, coleus and begonias; Phil. Goebel, Kirkwood, Mo., sweet peas; Thos. Kirkwood & Son, Kirkwood, Mo., sweet peas; A. C. May, Butterfly sweet peas; Henry Meier, Kirkwood, Mo., California violets; Joe Hanson, Webster, Mo., Hauser violets; J. A. Kropp, silver pink snapdragon; G. M. Thost, De Soto, Mo., Pink Enchantress carnations; John Steidle, Olivette, Mo., Sunbeam and assorted carnations; J. L. Schiller, Toledo, O., ferns; Sherman Nursery Co., Charles City, Ia., roses and carnations.

NOTES.

A painful accident befell Vincent Gorly, of Grimm & Gorly. He attended a skating party with several of his employes, and in doing a few stunts fell and broke his ankle, which will probably lay him up for two or three weeks. This is especially hard on his brother, Frank, who willingly attends to his duties and those of his brother.

Grimm & Gorly have opened up a floral department at the famous Barr department store on the main floor. Ladies from the main store on Washington avenue are in attendance at the sales counters. George Wagner has returned and is working again as designer at the old stand.

George H. Angermueller is doing jury duty at the Porcurt court this week. He has his catalogue out with St. Patrick's day and Easter novelties; also his special florists' album, which is well mounted and very attractive.

Robert J. Windler visited his father-in-law in Chicago recently. It is rumored he will go into the growing business at that city, his brother Joe taking care of the St. Louis store.

A. Jablonsky will have a fine stock in lily plants as usual. He is at present not cutting very heavy in carnations.

The Mullanphy Florists have a fine display of imported shamrocks in their windows which attract much attention.

Ant. C. Zvolanek, of Bound Brook, N. J., and Lompoc, Calif., spent a few days here taking orders for sweet pea seed.

White carnations are on the up grade, owing to the demand for dyeing purposes for St. Patrick's day.

Ostertag Bros. will be busy all week at the "Made in St. Louis" exhibition, at the Coliseum.

F. H. Weber's windows are very attractive with a fine display of plants and cut flowers.

Special sales of carnations and sweet peas in all the downtown stores took place recently.

Julius Dilloff was with us and reported trade good.

W. F.

EASTER PLANTS

Never before have we had such a large stock of blooming plants for Easter as we have this year. We are devoting more space year after year to blooming plants, but always find a ready market for the plants that we grow and sell at such very reasonable prices.

When ordering, kindly give us complete shipping instructions. Use care in this and save yourself and ourselves needless expense and trouble. How do you want your stock, in pots or out of pots? We cannot assume liability for plants shipped by freight.

If you telephone plant order, kindly call up Lincoln 140—our Greenhouses.

BABY RAMBLER.

This plant and its variations below is the best Easter Plant. Our stock is in excellent condition. **40c, 50c** and **75c** each.

BABY TAUSENDSCHOEN.

Pink Baby Rambler. Very pretty delicate light pink color. **40c, 50c** and **75c** each.

ERNA TESCHENDORFF.

Dark Red Baby Rambler. The best of the late introductions. **40c, 50c** and **75c** each.

SPIRAEA.

This plant we have always grown to perfection and this year's lot is equal to any we have had.

Either Pink or White. **40c** and **50c** each. Extra fine plants **75c** each.

HYACINTHS, TULIPS AND DAFFODILS.

We have an immense stock of Bulbous plants this year. We bought the bulbs cheap and are therefore selling the plants at exceptionally low figures.

Hyacinths at **10c, 25c, 40c** and **50c** each, according to number of flowers.

Tulips—double varieties, **25c** to **50c** each.

Daffodils — single and double **20c** to **35c** each. These goods will please you.

ELLEN PAULSEN.

New Pink variety **50c** and **75c** each.

EASTER LILIES.

Our stock of Lilies is exceptionally fine this year. Would like very much to have your personal inspection of our Lilies, for we know that you will be pleased.

$15.00 per 100 buds and blooms; **$125 per 1000** buds and blooms.

Can furnish either medium or tall plants.

GENISTA.

A very showy plant. Big value **25c, 50c, 75c** and **$1.00** each. Try a few this year.

AZALEAS.

Azaleas are well budded and have fine dark-green colored foliage. All leading varieties, such as:

Vander Cruyssen — **Empress of India**
Niobe — **Professor Wolters**
Simon Mardner — **Vervaeneana, etc.**

$1.00, $1.25, $1.50 and **$2.00** each.

RHODODENDRONS.

A very showy plant. Our assortment of colors is complete. **$1.00, $1.25, $1.50,** and **$2.00** each. Specimens **$6 00** each.

HOLTON & HUNKEL CO., MILWAUKEE, WIS.

Easter Lilies

Large fancy flowers at 8c, 10c, 12½c each.

Roses

Select stock. Large heads, fine stems and clean, healthy foliage. **Killarney, White Killarney, Killarney Brilliant,** 4c, 6c and 8c each. Extra select, billed accordingly.

DAISIES (White)
Fancy, 75c per 100.

Greens of all kinds at moderate prices.

Carnations

Large fancy flowers on long, stiff stems, at 3c, 4c, 5c and 6c each.

SWEET PEAS
Fancy stock in assorted colors, $1.50 to $2.00 per 100.

DAFFODILS--JONQUILS--TULIPS
Choice stock at 2c, 3c and 4c.

We have taken over the entire Cut Flower business of the

CHICAGO CARNATION CO.

and are now conducting it under our own name.

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

AMPLE SUPPLY

ROSES--CARNATIONS

FOR EASTER

Exceptionally Fine Quality in All the Best Leading Varieties.

LILIES--FREESIAS

Daisies--Narcissus Poeticus--Forget-me-nots--Calendulas--Etc.

You need this stock for your Easter trade; so place your order here as early as possible. Give us a trial. You will gain by it.

HOERBER BROS.

Wholesale Growers of Cut Flowers

162 N. Wabash Ave., Long Distance Phones: Randolph 2758. Automatic 41-770. **Chicago**

Easter Plants

The finest lot of pot grown **Roses, Hydrangeas, Azaleas** and **Lilies** that you ever had the opportunity to buy at such reasonable prices. Order today.

EASTER LILY.

EASTER LILIES

IN POTS

Average of 3 to 6 blooms to each plant, $10.00, $12.50 and $15.00 per 100 blooms.

Baby Ramblers

$4.00 to $6.00.....per dozen

Flower of Fairfield

$6.00 to $9.00.....per dozen

Hydrangea Otaksa

5 inch, 3 to 4 heads.....50c each
6 inch, 6 heads.....75c each
7 inch specimens.....$1.25 each
9-10 inch, extra fine specimens.....$3.00 to $4.00 each
French Hydrangeas, pink, 3 to 5 heads.....75c each

RAMBLER ROSE.

Hyacinths

4 in a pot, pink, blue and white, 12½c ea.

Pink Tulips in Pans

4 in., 3 in a pan; 5 in., 6 in a pan; 6 in., 9 in a pan; 7 in., 12 in a pan; 8 in., 15 in a pan, 3c per bloom.

Couronne d' Or, double yellow, 4 in. only, 3c per bloom.

Double red and double yellow Tulips, 3c per bloom.

Daffodils

4 in. to 8 in., 2c per flower.

Lilac Bushes, $1.50 each.

Aucubas Japonica

15 in., 60c ea.; 2 ft., $1.00 to $1.25 ea.

Laurus Cerasus, 75c to $1.00 each.

BOXWOODS

Bushes, 10 in.....25c, $3.00 per doz.
Bushes, 12-in.....30c, 3.60 per doz.
Bushes, 12-in. extra heavy, 10-in. wide, 40c, ...$4.80 per doz.
Bushes, 15-in.....50c, $6.00 per doz.
Bushes, 18-in.....$1.00 each
Bushes, 24-in.....1.25 each
Pyramids, 30-in.....2.00 each
Pyramids, 36-in.....3.00 each
Pyramids, 3½-ft.....3.50 each
Pyramids, 4-ft.....4.00 each
Pyramids, 5-ft.....6.00 each
Pyramids, 6-ft.....12.00 each
Standards, 2-ft. stem, 12-15-in. crown, $2.00
Globe, 24-in.....$6.00 each

The Geo. Wittbold Co. —L. D. PHONE, GRACELAND 1112— 737-39 Buckingham Pl. **Chicago**

EASTER LILIES

We Advise Booking Easter Orders Early.

One of our best growers makes a specialty of forcing Lilies for Easter and has year after year produced the best Lilies offered in this market. This season the stock is looking even better than usual and for Easter we shall have a big supply

FINE CUT BLOOMS

At $8.00—$10.00—$12.50—$15.00 per 100.

35,000 Pot Lilies for Chicago delivery only, at 8c, 10c and 12½c per flower. Order now.

We Also Offer

a choice and complete stock of all seasonable Cut Flowers and Greens. Give us your order at an early date and we will charge you for same at the prevailing market prices on day of shipment.

American Beauties $2.00 to $6.00 per dozen.

Roses--All varieties $4.00 to $8.00 per 100.

Carnations--Best varieties $3.00 to $4.00 per 100.

Sweet Peas 75c to $1.50 per 100.

Daisies $1.00 to $2.00 per 100.

Valley $3.00 to $4.00 per 100.

Violets--Single and double 50c to $1.00 per 100.

Callas $1.50 to $2.00 per dozen.

Gardenias $3.00 to $4.00 per dozen.

Tulips-Jonquils-Daffodils $2.00 to $4.00 per 100.

JOHN KRUCHTEN

162 N. Wabash Ave., Phone Central 6269 **CHICAGO**

Attention--New England Trade

EASTER LILIES
LILIUM GIGANTEUM

In crates of 25 plants ready for shipment

Price, $12.00 per 100

PLACE ORDER EARLY

Choice assortment of Azaleas, Crimson Ramblers, Spiraeas, Genistas, Hydrangeas, Hybrid Roses, Cut Flowers, Novelties, and Florists' Supplies.

WELCH BROS. CO., BOSTON, MASS.

226 DEVONSHIRE STREET

BIG SUPPLY OF

ROSES

FOR EASTER

You Can Get What You Want Here In

American Beauties Mrs. Chas. Russell
Milady Shawyer Richmond
Killarney White Killarney Sunburst
My Maryland Mrs. Aaron Ward

Our prices for Easter this year are very reasonable when the exceptionally fine quality of the roses that we are offering is considered. Send us your order as early as possible and we will see to it that you will be taken care of right. Reinberg quality means the best.

CARNATIONS

Plenty of Red, White and Pink for everybody at $3.00 to $4.00 per 100. Order Today.

Also Fancy Lilies, Sweet Peas, Valley, Violets and Complete Line of Greens.

Easter Price List.

AMERICAN BEAUTIES	Per doz.
Extra long stems	$6 00
48-inch stems	5 00
36-inch stems	4 00
30-inch stems	3 00
24-inch stems	2 50
20-inch stems	2 00
15-inch stems	1 50
Short	$0 75 to 1 00

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Wards, Milady, Shawyer	Extra select	$10 00
	Select	8 00
	Medium	$5 00 to 6 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$3 00
Select	2 50
Medium	$1 50 to 2 00
Short	75 to 1 00

	Per 100
ROSES, our selection	$4 00
Carnations, fancy	5 00
Select	4 00
Good grade	3 00
Harrisii	$12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00
	35

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

LILIES -- ROSES

FOR EASTER.

CARNATIONS-VIOLETS-VALLEY

Callas -- Sweet Peas -- Tulips -- Daffodils -- Jonquils -- Freesias.

Strictly fresh stock in everything that you need in Cut Flowers and Greens for Easter. We are going to have a bigger and better supply than ever this year, and will be pleased to have you favor us with your order. Order what you want, no matter what it is or how much you want, and we will serve you to the best of our ability.

EASTER PRICE LIST.

BEAUTIES.	Per Doz.
Long stems	$6.00
30 to 36-inch stems	5.00
20 to 24-inch stems	$3.00 to 4.00
15 to 18-inch stems	2.00 to 2.50
12-inch stems	1.00 to 1.50

ROSES.	Per 100
Killarney, special	$10.00
" fancy	8.00
" good	5.00 to 6.00
White Killarney, special	10.00
" " fancy	8.00
" " good	5.00 to 6.00
Richmond, special	10.00
" fancy	8.00
" good	5.00 to 6.00
Ward, special	12.00
" fancy	8.00 to 10.00
" good	5.00 to 6.00
Sunburst, special	12.00
" fancy	8.00 to 10.00
" good	5.00 to 6.00
Maryland, special	10.00
" fancy	8.00
" good	5.00 to 6.00
Killarney Brilliant, special	12.00
" " fancy	8.00 to 10.00
" " good	5.00 to 6.00
Roses, our selection	4.00

ORCHIDS.	
Cattleyas	per doz., $4.00 to $6.00

CARNATIONS.	Per 100
Carnations	$3.00 to $4.00
" special fancy	5.00
" splits	2.00

EASTER LILIES.	
Select	$12.50 to $15.00
Shorter	10.00

MISCELLANEOUS.	Per 100
Callas	$12.50 to $15.00
Valley	3.00 to 4.00
Sweet Peas	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double	.50 to 1.00
Freesias	3.00 to 4.00

GREENS.		
Asp. Plumosus	per string,	$0.50
Asp. Plumosus Sprays	bunch, $0.35 to	.50
Sprengeri	per bunch, .35 to	.50
Adiantum	per 100,	1.00
Smilax, choice	per doz., 1.50 to	2.00
Fancy Ferns	per 1,000,	3.00
Galax Leaves	per 1,000,	1.00
Boxwood, per lb., 25c. 50-lb. case,		7.50
Pussy Willow	per bunch, .35 to	.50

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph Street, L. D. Phone Randolph 6578. **CHICAGO, ILL.**

We Are Better Prepared Than Ever

TO FILL ALL ORDERS FOR

Easter Plants

Our stock is exceptionally fine and in Prime condition. Order at once. Will ship promptly.

Our Lilies Are now in fine condition for shipping. Beds are just right. Have two large houses full of them, in medium and full sizes, from three buds up to ten buds to the plant, at 10c per bud, with four or more; less than four buds to plant, 12c per bud.

AZALEAS. We import only from the best growers in Belgium. Have three houses full of them in prime condition for Easter, such as: **Mme. Van der Cruyssen,** well budded, 5½, 6, 7, 8-in. pots, 60c., 75c., $1.00, $1.25, $1.50, $2.00. **Vervæneana,** best double rose variegated, 60c., 75c., $1.00, $1.25, $1.50. **Niobe** and **Vervæneana alba,** best white, 60c., 75c., $1.00, $1.25, $1.50, $2.00. **De Schryverianna,** best double variegated, 75c., $1.00, $1.25, $1.50. **Apollo,** best red, and other well-known varieties, 75c., $1.00, $1.25, $1.50. We have a limited number of **NEW AZALEAS,** such as: **Blushing Bride,** a beautiful shell pink with large flowers; and **Daybreak,** a shade darker; $1.00, $1.25.

HYDRANGEAS, French varieties, such as: **Mme. Moulliere,** best white; **Avalanche,** white; **Gen. de Vibraye; Mme. Hamar,** best rose; 6-in. pots, 35c., 50c., 75c., $1.00.

HYDRANGEA Otaksa, 6 and 7-in. pots, 3 to 6 buds, 35c., 50c., 75c., $1.00.
SPIRÆA Gladstone. 6 and 7-in. pots, full of buds, 35c., 50c., 75c.
CINERARIA Hybrida. Best strain, 6-in. pots, 25c., 35c., 50c.
BEGONIA Luminosa. Bright red, 4-in. pots, 12c.; 5-in. pots, 25c.; full of flowers.
PRIMULA Obconia. In bloom, 5-in., 25c.
HYACINTHS. We only import the best bulbs from Holland, which produce large flowers. **Gertrude,** best pink; **Grand Maitre,** lavender; **King of Blues,** dark blue; **La Grandesse,** best white; 4-in. pots, $12.00 per 100.
TULIPS. 3 bulbs in a 4-in. pot. **Murillo,** pink; **Imperator Rubrum,** double red; **Couronne d'Or,** yellow; $12.00 per 100.
DAFFODILS. Von Sion, 3 double nose bulbs in a 5½-in. pot, $2.50 and $3.00 per doz.
FERNS. Such as **Scotti, Whitmani, Boston,** 6-in. pots, 35c., 50c.; 7-in., 75c. 6-in. pans **Giatrasii,** 50c.

ARAUCARIAS. Excelsa, well shaped, nice green color, 5, 6, 7-in. pots, 50c., 60c., 75c., $1.00, $1.25.
Robusta compacta, very heavy, $1.25, $1.50.
Glauca, 6-in., $1.00; 7-in., $1.50.
DRACÆNA Terminalis. Highly colored, 50c., $5.00 per doz.
KENTIA Fosteriana. 6-in. pots, 75c., $1.00, $1.25, $1.50. Good value.
ADIANTUM Hybridum. 3-in., 6c.; 4-in., 10c.
PTERIS Wilsoni. 4-in., 15c.; 6-in. pans, 35c.
HOLLY FERNS. 4-in., 20c.
ASPARAGUS Plumosus. 3-in., 6c.; 4-in., 10c. **Sprengeri,** 4-in., 10c.
IMPOMŒA Noctiflora (Moonvines). 2½-in. pots, $5.00 per 100.
FICUS Elastica (Rubber Plants). 5-in. pots, 35c.; 6-in. 50c.; 7-in., very large, heavy, 75c. and $1.00.
BOXWOOD. For window boxes, 35c., 50c.

CASH WITH ORDER, PLEASE. ALL GOODS MUST TRATEL AT PURCHASER'S RISK ONLY.

GODFREY ASCHMANN, Importer and Grower of Potted Plants **1012 W. Ontario Street, Philadelphia, Pa.**

TREMENDOUS SUPPLY

BEAUTIES--ROSES

CARNATIONS

Lilies--Sweet Peas

FOR EASTER

Here Are The Lilies

	Per 100
Extra Select	$15.00
Fancy	12.50
Good	10.00
Short	8.00

The Best Ever Grown

Get Our Quotations on Lilies and Other Stock in 1000 Lots

EASTER PRICE LIST

Subject to Change Without Notice.

BEAUTIES.	Per doz.
Long stems	$6.00
30 to 36-inch stems	5.00
20 to 24-inch stems	$3.00 to 4.00
15 to 18-inch stems	2.00 to 2.50
12-inch stems	1.00 to 1.50

ROSES.	Per 100
Killarney, fancy	$8.00 to $10.00
" good	5.00 to 6.00
" short	4.00
White Killarney, fancy	8.00 to 10.00
" " good	5.00 to 6.00
" " short	4.00
Richmond; fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Killarney Brilliant, fancy	8.00 to 10.00
" " good	5.00 to 6.00
" " short	4.00
Roses, our selection	4.00

ORCHIDS.	
Cattleyas per doz.,	$6.00

CARNATIONS.	Per 100
Carnations	$3.00 to $4.00
" special fancy	5.00
" splits	2.00

EASTER LILIES.	Per 100
Select	$12.50 to $15.00
Shorter	8.00 to 10.00

MISCELLANEOUS.	Per 100
Callas	$12.50 to $15.00
Valley	3.00 to 4.00
Sweet Peas	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double	.50 to 1.00
Freesias	3.00 to 4.00

GREENS.	
Asp. Plumosus per string,	$0.50
Asp. Plumosus Sprays bunch,	$0.35 to .50
Sprengeri per bunch,	.35 to .50
Adiantum per 100,	1.00
Smilax, choice per doz.,	1.50 to 2.00
Fancy Ferns per 1,000,	3.00
Galax Leaves per 1,000,	1.00
Boxwood, per lb., 25c 50-lb. case,	7.50
Pussy Willow per bunch,	.35 to .50

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

POEHLMAN
72-74 E. Randolph St.,

Headquarters Finest Quality

Cut Blooms **Easter Lilies** Pot Plants

Cut blooms, $10.00 to $15.00 per 100. Plants, $12.50 to $15.00 per 100 flowers.
All plants are carefully wrapped and crated so as to avoid bruising or breaking.

Fancy Mrs. Chas. Russell Roses

Large perfect flowers on all lengths of stems in good supply. This rose is preferable to the American Beauty in the shorter lengths up to 36 inches, because of its superior quality. The Russell rose has perfect flowers on strong stiff stems, and possesses splendid keeping qualities.

BEAUTIES--SUNBURST--WARD--RED ROSES
ALL THE KILLARNEYS
Single and Double TULIPS--DAFFODILS--SPANISH IRIS
CATTLEYAS--SWEET PEAS--VALLEY--VIOLETS

Will be strong on all the above mentioned stock and guarantee best quality.

Write, Wire Or Phone Your Easter Order To Us.

You will get the best quality stock obtainable and receive the best service if you buy from us. This means that your order will be filled to your entire satisfaction.

Easter Price List in Effect March 29, 1915.

ROSES

AMERICAN BEAUTIES.	Per doz.
Special	$6.00
36 inches long	5.00
30 inches long	$3.00 to 4.00
24 inches long	3.00
18 to 20 inches long	1.50 to 2.00
Short.....per 100, $6.00, $8.00 and $10.00	

	Per 100
HADLEY	$6.00 to $15.00
SHAWYER	6.00 to 15.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100
Extra long	$12.00
Long	10.00
Medium	8.00
Short	$4.00 to 6.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long	$12.00
Long	10.00
Medium	$6.00 to 8.00
Short	4.00 to 5.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	$ 4.00
30 inches long	3.00
24 inches long	2.50
18 to 20 inches long	1.50 to 2.00
Short .....per 100, 6.00 to 10.00	

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

LILY OF THE VALLEY.	Per 100
Extra fancy	$4.00
First quality	3.00
Second quality	2.00

Gardenias .....per dozen,	$3.00 to $4.00
Cattleyas .....per dozen	$4.00 to $6.00

CARNATIONS.	Per 100
Fancy	$5.00
Our selection	4.00
Splits	$2.00 to 3.00

MISCELLANEOUS CUT FLOWERS.

Daffodils	$3.00 to $ 4.00
Jonquils	3.00 to 4.00
Paper Whites	3.00
Spanish Iris	8.00
Tulips (our selection)	2.00
Tulips (double Murillo)	4.00
Tulips (yellow)	3.00
Tulips (Kaiserkron)	4.00
Tulips (Lorraine)	3.00
Tulips (double red, double yellow)	4.00
Sweet peas (common)	.75 to 1.00
Sweet peas (Spencer, Orchid Flowering)	1.50
Lilies (long stem)	15.00
Lilies (medium stem)	12.50
Lilies (short stem)	10.00
Violets (double and single)	.60 to 1.00
Violets (Single—Princess of Wales)	.75 to 1.00

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$0.75
Smilax.....per dozen,	$2.00 to $2.50
Sprengeri Asparagus	2.00 to $ 3.00
Asparagus Plumosus.....per string,	$0.50
Leucothoe	1.00
Adiantum	1.00 to 1.50
Galax (bronze and green)...per 1,000,	$1.00
Eastern flat ferns.....per 1,000,	$3.00
Boxwood, per lb., $0.25.....per case,	$7.50
Southern Wild Smilax.....per case,	5.00

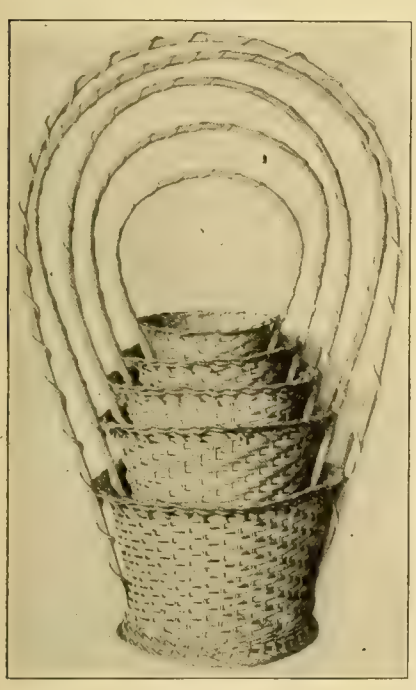
Chicago Phone No. (Cut Flower Dept.) Randolph 35. **Address All Plant Orders Direct to the Greenhouses, Morton Grove, Ill.** **Morton Grove Phone No. (Plant Dept.) Morton Grove 31-J.**

N BROS. CO.

Long Distance Phone, Randolph 35. **CHICAGO, ILL.**

Easter Baskets

Order what you need from us as early as possible, for Easter is rapidly approaching and you cannot afford to delay placing your order any longer. We have everything in Baskets for both Cut Flowers and Plants, at reasonable prices. Tell us just what you want when ordering and we will see to it that you will get just what you are looking for. If any of the styles you see here meet with your approval, order what you want by number and we will ship immediately.



226—1-5.
Per nest of 5.....$2.75
Green, Brown, Pink.

118. Tumbler, Two-Tone.
$3.00 per dozen.

No. 256.
High Handle Pot Cover.

Furnished Green, White and Brown.

Size Pot	Price	Size Pot	Price
4-inch....	$0.25	8-inch....	$0.70
5-inch....	.35	9-inch....	.90
6-inch....	.50	10-inch....	1.25
7-inch....	.60		

2179.
14 inches high.
Two-tone effect.
$6.00 per dozen.

SPECIAL EASTER OFFER

Set of 5 Bamboo Baskets for Lily Pot Plants.

Green or Brown, - - - - 75 cents per set

Crepe Tissue Covers

3 to 5-inch assorted colors, - - 75 cents per 100
Imported waterproof Crepe Paper, - $15.00 per 100 rolls

Also All Other Supplies

Straw mats for wrapping plants, ribbons, chiffons and everything else that you need. If you have not already placed an order with us for supplies, do so immediately, you cannot do any better elsewhere.

2163.
14 inches high.
Two-tone effect.
$6.00 per dozen.

POEHLMAN
72-74 E. Randolph St.,

AZALEAS FOR EASTER

In all sizes, from 75c to $3.00. Specimens, $3.50 to $8.00, in varieties as follows:

Mme. Vander Cruyssen — Schryveriana — Prof. Wolters
Empress of India — Empereur du Bresil — Niobe

We also have a fine stock of the new variety, Blushing Bride, a novelty light pink, extra fine, $1.25 to $2.00 each.

HYDRANGEAS

All popular varieties in the French sorts, also Otaksa, at prices from 50c to $1.50.
Baby Rambler and H. P. Roses, 50c to $1.00 each, in bloom.

LILY OF THE VALLEY—In pots in bloom, 50c to 75c each.

HYACINTHS

In all colors in pots, pans and boxes at 8c per bulb.
Single hyacinths in four-inch pots, 10c.

WESTERN PALM HEADQUARTERS

Largest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

			Each
4 inch pots,	5 to 6 leaves,	18 in. high	$0.35
6 inch pots,	6 to 7 leaves,	24 in. high	1.00
6 inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
6 inch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
7 inch pots,	6 to 7 leaves,	40 to 42 in. high	3.00
8 inch tubs,	6 to 7 leaves,	40 in., heavy	3.50
8 inch tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
8 inch tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
8 inch tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1.20
7-in. pots	3 plants in a pot	38-40. high	3.55

Specimens, very heavy, $10.00 to $12.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

4 inch pots,	5 to 6 leaves,	18 to 20 in. high	$0.35
6 inch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
6 inch pots,	5 to 6 leaves	34 to 36 in. high	1.50
8 inch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
8 inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
10 inch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
10 inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
6 inch pots,	3 plants in a pot,	28 in. high	$1.50
7 inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs,	4 plants in a tub,	38 to 40in. high	3.00
8 inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8 inch tubs,	3 plants in a tub,	48 to 54 in. high	5.00
8-inch tubs,	4 plants in a tub,	52 to 56 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00

Very strong specimens, in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Phoenix Roebelenii

4-in. pots, nicely characterized, 40 cents.
7-in. pots 22-in. high 30-32-in. spread.....$2.00
7-in. pots, 26-in. high 34-36-in. spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

FERNS—Boston, Whitmani, Roosevelt.

6 inch, each	$0.50	per doz	$ 6.00
7 inch, each	.75	per doz	9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2.50 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in., $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Rubber Plants

All sizes from 25c to 50c each Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cocos Weddelliana

2-in., $1.50 per doz., $10.00 per 100, $90.00 per 1000.

Cannas

Dry roots, 2 to 3 eyes.	Per 100	Per 1000
King Humbert	$3 00	$25 00
Richard Wallace	2 50	22 00
Souv. de A. Crozy	2 50	22 00
Mme. Berat	2 00	20 00
Gladiator, Venus, Jean Tissot	2 50	22 00
Queen Charlotte	3 00	25 00
Pennsylvania	2 50	22 00
Pres. Meyers	2 00	20 00
Egandale, David Harum	2 50	22 00
Mrs. Kate Gray	2 50	22 00

You can get all the Cannas listed above in pots; 3-in., $5.00 per 100; 4- in., $8 per 100.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

GRAFTED AND OWN ROOT ROSE PLANTS

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-in.	Per 1000	Per 5000
Ophelia	$130 00	$600 00
Hadley	120 00	550 00
Milady	110 00	500 00
Mrs. Geo. Shawyer	110 00	500 00
Aaron Ward	110 00	500 00
Killarney	110 00	500 00

Grafted, 2½-in.	Per 1000	Per 5000
White Killarney	$110 00	$500 00
Killarney Brilliant	110 00	500 00
Richmond	110 00	500 00
Bulgarie or Taft	110 00	500 00
Cecile Brunner	100 00	.....

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in.	Per 1000	Per 5000
White Killarney	$60 00	$275 00
Pink Killarney	60 00	275 00
Richmond	55 00	260 00
Bulgarie or Taft	60 00	275 00

Own Root, 2½-in.	Per 1000	Per 5000
Aaron Ward	$60 00	$275 00
Milady	60 00	275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white.....$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

WHITE—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
October Frost	$2 50	$22 00	$3 00	$27 00
Virginia Poehlmann	2 50	22 00	3 00	27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Turner	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00

YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00

YELLOW—	100	1000	100	1000
Yellow Eaton	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000. **Philadelphia,** light pink, $6.00 per 100; $50 00 per 1000 **Beacon,** $25 00 per 1000. **Scarlet Glow,** $25.00 per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 1000.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

N BROS. CO.

Long Distance Phone, Randolph 35. CHICAGO, ILL.

40,000 LILY PLANTS
IN POTS FOR EASTER

(INTERIOR VIEW OF ONE OF OUR MANY EASTER LILY HOUSES.)

Better Lilies Were Never Offered

and the plants are of a fair average height, ranging from 14 inches to 24 inches above the pots and bearing from 4 to 12 blooms each. Size of pots 5½ x 6 inches.

Plants having 5 or more flowers to pot, $100.00 per 1000 buds or blooms
Plants having 3 or 4 blooms to pot, $110.00 per 1000 buds or blooms

Orders exceeding 1000 blooms will include plants with 3 or 4 flowers to plant. Can furnish pans with 15 to 30 blooms per pan.

SEND ALL PLANT ORDERS DIRECT TO MORTON GROVE, ILL.

Let Us Book Your Easter Orders Now.

Heavy Supply for Easter

Anything and Everything in Seasonable Cut Flowers.

Including **the best that there is in Roses, Beauties, Ophelia, Russell, Richmond, Ward, Sunburst and Milady.** Our **Double White Killarney** are without an equal. **Large heavy foliage** and of **pure white type,** which **do not** show the dull pinkish color that is prevalent among the other strain of White Killarney, which they assume at this season of the year.

Carnations, Easter Lilies, Violets, Sweet Peas, Tulips, Jonquils, Daffodils, Mignonette and Other High Grade Quality Stock.

We receive our supplies of **Easter Lilies** from the best lily growers in and around Chicago, hence you can depend upon receiving the best.

Also a large supply of our famous **BLUE RIBBON VALLEY,** which is recognized by city buyers to be the **best Valley** on the Chicago market. **Order some and be convinced.**

HONEST DEALING——OUR MOTTO——GOOD VALUES

We aim to **please** in every respect, and out-of-town customers will be **benefited** by sending us their orders; by so doing you will find we can **we can save you money. We grow our own stock,** thereby assuring you of getting **absolutely fresh stock,** besides **saving you the commission man's profit.**

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-86 East Randolph Street, CHICAGO.

ROSES, VALLEY and CARNATIONS A Specialty.....

WHOLESALE Grower of CUT FLOWERS

Prices No Higher Than Others.

Chicago.

TRADE BETTER.

Trade is a trifle better than it was last week and is showing a steady improvement. Stock of all kinds is still plentiful with the exception of fancy American Beauty roses which are scarce. There are still plenty of American Beauty roses of inferior quality to be had, but this stock is being jobbed off at low prices. There seems to be a good supply of the new rose Mrs. Chas. Russell around and the quality is all that can be desired. Outside of Ophelia, roses in general are in good supply and moving rather slowly. Carnations have sold better this week than they have for some time, but there is plenty of stock to go around, including white, which were in good demand for St. Patrick's day. Lilies and callas are more plentiful and some very choice stock in both lines is to be had. Sweet peas are in good supply and some magnificent stock is being offered, but are not bringing the prices that they should get. Lily of the valley has been moving rather slowly and the same holds good for orchids and gardenias. Freesia is still seen in large quantities at several of the stores and the supply of snapdragons and Ten Weeks stocks is gradually increasing. Violets, both single and double, are seen in large supply, but are still being sold at low prices. Jonquils, daffodils, Paper White narcissi, daisies, pansies, calendulas, forget-me-nots and other miscellaneous seasonable flowers are to be had in large supply. From present indications it appears as if there will be plenty of stock for Easter in both cut flowers and plants and that prices will be considerably lower than last year, but it is always advisable to place orders well in advance.

NOTES.

A. L. Vaughan & Co. report that business is improving nicely and they are all ready for the Easter rush. Inquiries in regard to Easter stock are arriving each day and everything points to a very satisfactory business. Mr. Vaughan acknowledges a pleasant visit from his old friend, Dan Mac Rorie, San Francisco, Calif.

A special meeting of the Cook County Florists' Association will be held at The Tavern, West Washington street, Thursday evening, March 18, when the members will consider the invitation to join the Chicago Florists' Club either as a body or individually. Every member is requested to be present.

J. A. Budlong is pleasing his trade with choice stock in all lines, especially roses, and the report at this store is that the cuts will be large for Easter. Lily of the valley, as usual, is arriving in large supply daily.

Chas. W. McKellar and wife write from San Francisco, where "they are doing the exposition," saying the past 20 years have made a wonderful change in the city.

August Lange's telephone business has increased to such an extent that he has been compelled to install a switchboard, which greatly improves the service.

C. W. Crumb left for Des Moines, Ia., this week to manage the new store of U. L. Crawford, which will open in the Shops building in the near future.

G. M. Reburn, of A. Henderson & Co., is planning an eastern trip, including the New York flower show and his old home at West Grove, Pa.

President Keimel, of the florists' club, has returned from the south, greatly improved in health.

Hoerber Bros. never had a better or a more complete line of stock to offer than they have at present.

Mrs. Elijah A. Wood has returned to the city after a prolonged stay in the east.

Sam'l J. Pearce will celebrate his fifty-sixth birthday anniversary March 20.

O. A. Tonner is offering a large supply of snapdragon in yellow and pink.

Louis Visas has returned from a visit at Duluth, Minn.

SNAPDRAGONS

Pink-Yellow, 50c to $1.00 per doz.

Sweet Peas - Roses - Carnations - Lilies - Tulips - Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,

30 East Randolph St., CHICAGO.

Easter Flowers

HEAVY SUPPLY OF

Beauties and Roses

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

ROSES

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Reid** and **Richmonds.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

BEAUTIES

A choice cut of long and short stems. Not many medium lengths are now being cut.

Carnations

A fine supply of very fancy quality pink, white and our extra fancy red **Belle Washburn.**

Easter Lilies

Our cut Lilies are the choicest coming into this market—stems 3 to 4 feet long—large, fancy flowers. $12.00 per 100; $2.00 per dozen.

Jonquils, Sweet Peas, Valley and **Greens**—large supply constantly on hand.

Lily Plants

Giganteums. These were grown especially for plant sale and are all strong and sturdy in their growth. averaging 24 to 30 inches high and from three to six blooms per plant. Price, 10c per bud.

Sweet Peas

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. $1.00 to $2.00 per 100.

Tulips, all colors, single and double.

PRICE LIST

BEAUTIES.	Per doz.
Extra long specials	$5.00
30 to 36 in. stems	4.00
24 in. stems	3.00
15 to 20 in. stems	$1.50 to 2.00
Shorter lengths	.75 to 1.00

Killarney Brilliant, Sunburst, Bulgarie, Rhea Reid.	Per 100
Specials, extra long stems	$12.00
Good length	10.00
Medium length stems	8.00
Short length stems	$5.00 to 6.00

Richmond, Pink Killarney, White Killarney.	
Long stems	8.00 to 10.00
Medium stems	6.00 to 7.00
Short stems	4.00 to 5.00

Pink and White Killarney.	Per 100
30 to 36 inch stems	$12.00
Roses, our selection of 100 or more	4.00

Carnations.	
Red, extra fancy **Belle Washburn**	5.00
White, fancy	5.00
Pink, fancy	4.00
Easter Lilies, cut with stems two to four feet long, and extra choice flowers	12.00
Lily Plants, Giganteum, 24 to 30 inches 10c per bud.	
Tulips, all colors, single and double	$2.00 to 4.00
Jonquils and Paper Whites	3.00
Sweet Peas, according to quality	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 2.50

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

The Chicago Flower Growers Association

WHOLESALE GROWERS of CUT FLOWERS and PLANTS

L. D. Phone Randolph 5449 176 N. Michigan Ave. Chicago

ROSES--CARNATIONS--LILIES

FOR EASTER

You can get everything you want in seasonable Cut Flowers and Greens here at all times, and especially at Easter; so why not give us a trial this year. **DO IT NOW.**

EASTER PRICE LIST—Effective March 29.

BEAUTIES.....per doz.,	$4 00 to $6 00

ROSES.	Per 100
Killarney, special.....	$12 00
" fancy.....	$8 00 to 10 00
" good.....	5 00 to 6 00
White Killarney, special.....	12 00
" " fancy.....	8 00 to 10 00
" " good.....	5 00 to 6 00
Richmond, special.....	12 00
" fancy.....	8 00 to 10 00
" good.....	5 00 to 6 00
Ward, special.....	12 00
" fancy.....	8 00 to 10 00
" good.....	5 00 to 6 00
Sunburst, special.....	12 00
" fancy.....	8 00 to 10 00
" good.....	5 00 to 6 00
Milady, special.....	12 00
" fancy.....	8 00 to 10 00
" good.....	5 00 to 6 00

ROSES.	Per 100
Shawyer, special.....	$12 00
" fancy.....	$8 00 to 10 00
" good.....	5 00 to 6 00
Killarney Queen, special.....	12 00
" " fancy.....	8 00 to 10 00
" " good.....	5 00 to 6 00
Roses, our selection.....	4 00

ORCHIDS.	
Cattleyas.....per doz.,	4 00 to 6 00

CARNATIONS.	
Carnations.....	3 00 to 4 00
" special fancy.....	5 00
" splits.....	2 00

EASTER LILIES.	
Select.....	$12 50 to $15 00
Shorter.....	10 00

MISCELLANEOUS.	Per 100
Callas.....	$12 50 to $15 00
Valley.....	3 00 to 4 00
Sweet Peas.....	75 to 1 50
Tulips.....	3 00 to 4 00
Daffodils.....	3 00 to 4 00
Jonquils.....	3 00 to 4 00
Violets, single and double.....	50 to 1 00
Freesias.....	3 00 to 4 00

GREENS.	
Asp. Plumosus.....per string,	$0 50
Asp. Plumosus Sprays...bunch,	$0 35 to 50
Sprengeri.....per bunch,	35 to 50
Adiantum.....per 100,	1 00
Smilax, choice .....per doz.,	1 50 to 2 00
Fancy Ferns. .....per 1000.	3 00
Galax Leaves.....per 1000,	1 00
Boxwood..per lb. 25c; 50-lb. case,	7 50
Pussy Willow.....per bunch.	35 to 50

Our stock is the aggregate output of approximately 75 expert growers, thereby insuring our customers a selection and a variety of the finest product only. We endeavor to give satisfaction as to

Quality-Service-Price

and respectfully solicit your patronage.

The Peter Reinberg store force, accompanied by Mr. Leake of Belvidere, visited the Reinberg greenhouses on Sunday, March 14, to get an idea of what the cut will be for Easter. Everything appears to be in good condition, and with the exception of American Beauty roses, everything will be in better supply than last year. Seven large houses have just been planted to the new rose, Mrs. Chas. Russell, which will replace the American Beauty to a great extent at this mammoth establishment.

Percy Jones is supplying his trade with some of the finest tulips of the season. This firm is making preparations for a banner Easter trade and Manager Van Gelder and his able force of assistants have every reason to believe that it is going to be if business is any way at all brisk, for they have a large supply of fancy stock to do it with.

Wietor Bros. expect to enjoy a big Easter trade this year, for they will have a big supply of roses and carnations and inquiries regarding stock for this occasion are arriving in good numbers each day. The shipping trade promises to be exceptionally brisk and if the weather conditions are favorable the local demand will be as good as formerly.

Joe Einweck of the Bassett & Washburn force, and his brother, Tony Einweck, of the Poehlmann Bros. Co., were called home from work on Saturday, March 13, by the sudden death of their father. Both of the men are popular in the local market and have the sympathy of the trade in their recent bereavement.

Bassett & Washburn are showing fancy cut lilies in good supply and will have a large quantity to offer their trade at Easter in addition to their usual fine line of roses and carnations. Bulbous stock is seen in large quantities at their store, with fancy tulips the principal offering.

Joe Schuler of Hoopeston was in the city on Monday, March 15, when he placed an order with a local manufacturer for another large American Beauty house. He favored A. L. Vaughan & Co. with a call and made definite arrangements with them to handle his entire output.

Erne & Klingel have had a brisk demand right along for fancy smilax, which they are handling in quantity. This hustling firm will soon celebrate its third birthday according to the junior member of the firm, who says that the business is just as old as the Klingel twins.

John Kruchten has booked several large orders for lilies, both cut blooms and pot plants, for Easter, but will make city deliveries only on the latter. Gardenias are more plentiful at this store now and will be in good supply for several weeks to come.

H. E. Philpott, of Winnipeg, Can., arrived here on March 15 to remain until after Easter. He is president of the new firm of A. T. Pyfer & Co., which has taken over the entire cut flower business of the old Chicago Carnation Co.

Sidney Buchbinder left this week for Des Moines, Ia., to superintend the installation of the new set of store fixtures, including a Buchbinder refrigerator that Buchbinder Bros. built to equip the new U. L. Crawford store.

F. J. Munzing is doing a nice business at 6101 Broadway, and it would not be at all surprising to hear that he is going to add several houses to his range this summer.

James Novak is at Tucson, Ariz., where he expects to locate permanently, according to Mrs. Novak, who will leave with the family to join him in a few weeks.

Paul Klingsporn says that Chicago Flower Growers' Association is now receiving stock from at least 75 growers, which means a splendid variety to select from.

George Willens of the Willens Construction Co. has returned from Detroit, Mich., where he has completed his contract with Henry Ford of that city.

John M. Kunesch, who opened a store at 6328 South Racine avenue several months ago, is well pleased with the business that he has enjoyed so far.

Elmer Sigwalt of Arlington Heights, a stockholder in the Chicago Flower Growers' Association, is all smiles over the arrival of a baby boy.

H. VAN GELDER, Pres. L. M. JONES, Secy.

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

Importers and Jobbers of Florist Supplies

56 East Randolph Street
CHICAGO

Ribbons and Chiffons Our Specialty

EASTER PRICES

EASTER LILIES.

Cut Easter Lilies	$1.50 to $2.00 per dozen
Cut Easter Lilies	$12.50 to $15.00 per 100
Cut Easter Lilies	$100 per 1,000

AMERICAN BEAUTIES.

	Per Doz.
Specials	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.00
15-inch stems	1.50
Short stems	1.00

RICHMOND, KILLARNEY, WHITE KILLARNEY AND MY MARYLAND ROSES.

	Per 100
Select	$12.00
Fancy	10.00
Medium	8.00
Good Short	$4.00 to 6.00

NEW ROSES.

MRS. GEO. SHAWYER, MRS. AARON WARD, KILLARNEY BRILLIANT, SUNBURST, BULGARIA AND OPHELIA.

	Per 100
Select	$12.00
Fancy	10.00
Medium	8.00
Good Short	6.00

CARNATIONS.

Fancy	$5.00
Firsts	4.00
Commons	3.00

ORCHIDS.

Cattleyas	per dozen $4.00 to $6.00

MISCELLANEOUS.

	Per 100
Callas	per dozen, $2.00 ... $12.00 to $15.00
Jonquils	3.00
Daffodils	3.00
Tulips	3.00 to 4.00
Spanish Iris	6.00 to 8.00
Valley	3.00 to 4.00
Violets, double	.75
Violets, single	.75 to 1.00
Sweet Peas	.75 to 1.50

DECORATIVE.

Adiantum	.75 to $1.00
Smilax	per dozen, $1.50 to $2.00
Sprengeri Plumosus Sprays	2.00 to 4.00
Plumosus Strings	each, 60c
Extra long Green and Bronze Leucothoe	.75
Extra long Green and Bronze Leucothoe	per 1,000, $4.00 to $6.00
Ferns	per 1,000, $2.50
Galax	per 1,000, $1.00; per case, $7.50

YOU CANNOT

buy our quality of Flowers elsewhere at a lower Price, and YOU CANNOT buy our quality of service elsewhere AT ANY PRICE.

Very truly yours,

PERCY JONES.

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

FOR EASTER
SWEET PEAS AND LILIES

The Sweet Peas we are offering are without question the cream of the market, with large flowers on fine long stems in all the desired colors. You should have some of these for your customers at Easter. Finest flowers to be had for corsage work. Our Lilies are also exceptionally fine and we have just what you want at prices that are right. Plenty for everyone—so order here.

ROSES AND CARNATIONS

All the best old and new varieties in both, in large supply for Easter. Supreme quality stock is what you get when you buy here, and for the same prices that you pay if you order elsewhere. Just tell us what you want and we will see that you get it.

Beauties, Valley, Freesia, Tulips, Daffodils, Jonquils, Choice Single Violets, Callas and all other seasonable cut flowers. Complete line of Greens. Always remember that our line is so complete that if any particular item is desired and is to be had, it is usually at our establishment. Get in touch with us right away in regard to your Easter supply.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284 3283 Chicago

W. W. Adams, 1021 Rush street, suspected something was wrong when he received a telephone order on Sunday, March 14, for $3 worth of flowers, to be delivered at 1029 North La Salle street. The man who telephoned said he was Dr. Ray E. Bardeman, Jr., and asked that the messenger also be given $17 change, since he intended to pay for the flowers with a $20 check. The clerk sent the flowers and the $17. He also notified the police. Detectives waited until the transaction was completed, then arrested "Dr. Bardeman." He proved to be Ray Hamilton, 29 years old. He was identified by eight other victims of similar swindles. Hamilton, the police say, has confessed.

Poehlmann Bros. Co. is cutting a large supply of Mrs. Chas. Russell roses and will have a good crop for Easter. At the Morton Grove greenhouses the lilies are coming along nicely and new orders are being booked for pot plants every day. The supply of lilies, azaleas, hydrangeas and other flowering plants is larger than ever this year, but a cleanup in all lines can be expected. In the supply department business is steadily improving and advance orders for Easter are most encouraging.

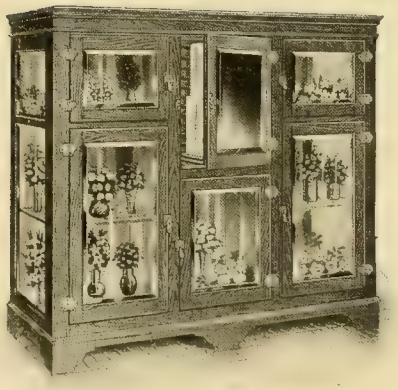
C. B. Arnold will hereafter devote more of his time to the florist trade at the A. A. Arnold Paper Box Co. at 16, 18, 20 and 22 South Peoria street, and will endeavor to furnish even better service than in the past. This firm has a large number of basket containers ready for delivery which can be used to good advantage to avoid breakage and bruising on Easter deliveries. They can be folded up on the return trip and used again on other deliveries.

J. A. Sikuta says that the write-up that Frank M. Ross, Philadelphia, Pa., received in the retail department of THE AMERICAN FLORIST last week was a most interesting one and that the eastern florist has the right idea of conducting a retail store. Several other local florists expressed themselves likewise, which reminds the writer of what George Wienhoeber said a few days ago and that is, it is volume instead of class that counts.

Mrs. E. C. Kohout, wife of Joseph Kohout of Libertyville, underwent a very serious operation at her home last week and is now resting very comfortably. Dr. Blouke of this city and Dr. Beebe of Antioch performed the operation and have high hopes for her early recovery.

BEAUTIFY YOUR STORE

By Installing One of Our Magnificent
Display Refrigerators.



Seven Sold In One Day

Leading florists everywhere recognize the Buchbinder Refrigerator as the best and invariably place their order with us.

New Catalogue Free.

Write for it, it shows nearly all the styles that we manufacture.

BUCHBINDER BROS.
518 Milwaukee Ave., CHICAGO.

The George Wittbold Co. recently received a large importation of boxwood bushes and trees. The Easter stock is in splendid shape at the Wittbold establishment at Edgebrook this year, especially the hydrangeas, roses, lilies and other flowering plants.

Allie Zech and wife entertained the Zech & Mann employes at their home on Tuesday evening, March 16, when everyone present had a most delightful time. The dinner was simply splendid and the Victrola concert was greatly enjoyed.

At Zech & Mann's store fancy sweet peas are seen in large supply, but are in brisk demand and clean up well each day. Roses are also in good supply at this house and the same holds good for fancy freesia.

Sinner Bros. are booking a large number of orders for carnation cuttings these days and the large supply in the sand is gradually diminishing.

Here's Where You Can Get The Best

CARNATIONS

FOR EASTER

We will have a big crop of Carnations of as good quality as there is obtainable in the Chicago market and would be pleased to book your order for same now.

ROSES

Large Cuts American Beauty, Killarney, White Killarney, Richmond and Sunburst.

For those who have used our stock in the past, nothing need be said unless it be that we will have a mammoth cut of the same fine stock that we are supplying them with now. To new customers, however, we would advise placing your Easter order here. You will not be disappointed.

Easter Price List

American Beauties	Per Doz.
Long stems	$6.00
36-in. stems	4.00
30-in. stems	3.00
24-in. stems	2.50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Sunburst	Per 100
Extra Special	$10.00
Selects	8.00
Fancy	6.00
Good	5.00

Carnations	Per 100
Extra Special Red, Enchantress—Pink and White	$5.00
Good	4.00
Splits	$2.00 to 3.00

Lilies, Fancy—Per 100, $12.50 to $15.00

	Per 1000
FERNS	$3.00
SMILAX	doz., $2.50
ADIANTUM	1.00

SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green

	Per 100
20x 4x3, Teles. Cov	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov	2 25
30x 5x3½, "	2 50
21x 8x4 2-in. Cov	$2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov	5 25
40x 8x5 Teles. Cov	$6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
36x12x6 "	9 00

No printing charges in lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every flower and floral design. Write for samples and prices.

EASTER BASKET CONTAINERS

W. D. L.	Per 100
12 x 12 x 15	$12.00
15 x 15 x 20	15.00
18 x 18 x 25	20.00
19 x 19 x 30	25.00

Basket boxes are made from extra heavy 3-ply moisture-proof stock. Can be used repeatedly on city deliveries. Folds flat. Does not take up space in stock-room or on the return trip. Makes a first-class protection to flowers and plants against frost and breakage.

A. A. ARNOLD PAPER BOX CO., 16-18-20-22 S. Peoria St., Chicago, Ill.

Peter Sroczynski, North Harding avenue, who recently underwent an operation for appendicitis, was discharged from the hospital a few days ago and is able to be about again.

Fred Lautenschlager, of Kroeschell Bros. Co., is attending the spring show at Grand Central Palace, New York.

A. F. Longren of Poehlmann Bros. Co. is back from a successful business trip in the northwest.

A. C. Rott of Joliet was in buying supplies for his Easter trade this week.

Visitors: Archie McDonald, Milwaukee, Wis.; E. H. Macey, of the Macey Floral Co., and O. H. Carlson, Minneapolis, Minn.; Joe Schuler, Hoopeston; H. E. Philpott, Winnipeg, Can.; Andrew Peterson, Gibson City; Dan MacRorie, vice-president of the Society of American Florists, San Francisco, Calif.; Wm. Craig, with Robert Craig Co., Philadelphia, Pa.; George Vatter, Marinette, Wis.; S. A. Jamieson, Minneapolis, Minn.

Cincinnati.

SUPPLY HEAVY AND PRICES LOWER.

Bright, warm weather last week brought in heavier cuts of all seasonable flowers and the market is well supplied in every line. Prices, generally, are lower than at the last writing, but are still at fair level. Roses and carnations are both plentiful and both have a fair market. The cuts of Easter lilies, callas and rubrums are all large. Bulbous stock, including tulips, daffodils, jonquils, Dutch hyacinths and poeticus are all in a large supply. Sweet peas are very plentiful and their price is not very high. Lily of the valley sells rather slowly. Other offerings include snapdragons, orchids, violets, forget-me-nots and primroses. The supply of greens is ample for present needs.

NOTES.

P. J. Olinger has been cutting some very fine Killarney roses.

C. E. Critchell has been having some very fine roses.

Visitors: Sam Seligman, representing Wertheimer Bros.; Julius Dilloff, representing Schloss Bros., New York; E. Fancourt, representing S. S. Pennock-Meehan Co., Philadelphia, Pa.; Ant. C. Zvolanek, Lompoc, Calif.; Mrs. Wm. Gerlach, Piqua, Ohio.

H.

Look These Over

DOVES

	Each
Prime quality	$1 25
First quality	1 00

CORSAGE PINS

With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz.	$0 15
Gross (12 doz.)	1 00

CORSAGE FOIL

Can be had in either green or violet color.

Per lb	$0 25
10 lbs. and over at	20
20 lbs. and over at	18

CORSAGE CORDS

(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

MAGNOLIA LEAVES

Prepared Magnolias, Green, Brown or Red. per box of 1000 $1 35

GREEN SHEET MOSS

Per bundle	$0 35
Per bale (of 5 bundles)	1 25
Per 5-bale lots for	6 00

CREPE PAPER AND POT COVERS

	Per doz.	Per gross
Waterproof (all colors)	$1 50	$12 00
Pebbled pleated (all colors)	1 75	12 50
Porto Rican and fancy mats	1 50	11 00

FIBER RIBBONS

1 inch wide—50 yards to bolt.

All colors, per bolt	$0 90

Write for Complete List of Other Items.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine Street, ST. LOUIS, MO.

Minneapolis, Minn.

MARKET CONDITIONS SHOW IMPROVEMENT.

Trade conditions have shown considerable improvement during the past week. Stock as a rule cleans up fairly well and prices on bulbous stock have been a little better. The outlook for a good trade at Easter is bright and most of the dealers are making preparations to take care of it.

NOTES.

The bowling contingent of this city will "lock horns" with the ten-pin stars from St. Paul at the Elk's alleys in this city, Saturday evening, March 20, and everybody in the trade is talking about the coming event. Friday night, March 12, quite a crowd of bowlers in the craft had an enjoyable time on the alleys, Jack Byers carrying off the high score for the evening, with E. Farley out of the game with a sprained back.

Oscar E. Amundson has his store stocked with excellent carnations and roses from Will Bros. He handles home-grown stock as much as possible. Funeral work from out of town has been heavy with him the last week. The store has recently been redecorated and the fixtures re-finished and presents a very bright appearance.

Wm. Vasatka, at the Donaldson greenhouses is busy with four houses of lilies which are in fine condition and will average about five blooms to the plant. Rambler roses and azaleas seen at this establishment are also in excellent condition. A larger Easter trade than last year is looked for here.

Rice Bros. have been busy booking orders for lilies, and report that the way orders are coming in to them from outside points, indicates a better demand than last year in the Easter trade.

Oscar Swanson made a feature of rambler roses, with a very excellent display arranged in both baskets and jardiniers. Very good business is reported at this store.

Attractive window displays were features at both stores of the Whitted Floral Co. during the past week.

William Desmond spent several days in Chicago on business and called on the trade in Milwaukee on his way back.

Calla Blooms

FOR EASTER.

Place your order now for Easter Calla Blooms. Prices right.

Currier Bulb Co., Seabright, Calif.

A. L. Randall Co.,

ZANDO BRAND 177 N Michigan Av. CHICAGO, ILL. ZANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Kennicott Bros. Co.

Wholesale Commission Florists
Wire Designs and Supplies.

CHICAGO

New Crop Wild Smilax

Now ready for shipment,
$2.50 per case.
Natural and Perpetuated Moss.
E. A. BEAVEN, Evergreen, Ala.

Special sales were in full swing Saturday, March 13. The Eldridge Floral Co. and Donaldson's had flowers at cut prices. Eldridge's advertised roses and tulips at three cents each and daffodils at two cents. Donaldson's had on sale 100,000 violets, which they offered at 12½ cents per bunch. From the florists' standpoint, this proposition meets with little encouragement, as it tends, they claim, to cheapen the calling in general.

Thomas W. Nagle, of the Nagle Greenhouses, has been on jury service for a week, and is congratulating himself that he was not called for duty during the Easter period.

The Gopher Flower & Candy Co. has opened a new flower shop at 40 Seventh street, South. The fixtures are very artistic and the store presents a pleasing appearance.

Ted Vogel, of Chapman-Basting Co., has had some very pretty displays of spring flowers in the windows. He reports business as improving every day.

Ralph Latham is getting everything in readiness for the Easter business at his store, and the interior of his establishment is being redecorated.

Will Bros. have been cutting their usual large crops of roses, carnations and violets, with all hands on deck for the coming Easter rush.

Jack Byers arrived from Chicago last week and is now connected with the Holmes Flower Shop, Seventh street, South.

Visitors: M. Reukauf, Philadelphia, Pa.; H. E. Philpott, Winnipeg, Can.; Miss Beth Youreman, Aberdeen, S. D.

T. C. R.

Dayton, O.

Florists and horticulturists of this city and Montgomery county met March 3, and formed a new organization to take the place of the Dayton Florists' Club, which has disbanded. The body will probably be called the Florists' and Gardeners' Association of Montgomery County. Its object will be to bring more people into active membership and extend its interests farther outside the city than was done by the florists' club. About 50 people attended the meeting, among them a number of members of the defunct florists' club, all of whom signified their intention of entering the new organization. Altogether 25 persons paid their initiation fees and nearly as many more promised to become members later. Temporary officers were elected as follows: Horace M. Frank, president; Henry Jergens, Jr., secretary. A committee for drafting a constitution and by-laws was appointed, consisting of the following members: J. W. Rodgers, chairman; Mrs. J. W. Rodgers, E. E. Schaefer, M. L. Vogel, Elmer Brame, Mrs. L. D. Johnson, L. D. Polk and George Bartholomew.

T.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty..... WHOLESALE GROWER OF **CUT FLOWERS**

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

166 N. Michigan Avenue
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing.

Wholesale Flower Markets

	Current Price List	Per doz.
Roses, Beauty, specials		$6 00
" " 36-in.		5 00
" " 30-in.		4 00
" " 24 in.		3 00
" " 20-in.		2 00
" " 15-in.		1 50
" " 12-in.		75@1 00
		Per 100
" Killarney Brilliant		4 00@15 00
" Killarney		4 00@12 00
" White Killarney		4 00@12 00
" Richmond		4 00@15 00
" Prince de Bulgarie		4 00@12 00
" Rhea Reid		4 00@15 00
" My Maryland		4 00@12 00
" Mrs. Chas. Russell		4 00@30 00
" Mrs. Geo. Shawyer		4 00@15 00
" Milady		4 00@15 00
" Sunburst		4 00@12 00
" Mrs. Aaron Ward		4 00@12 00
" Hadley		4 00@15 00
" Ophelia		4 00@15 00
" Our selection		3 00
Carnations		1 50@ 4 00
Cattleyas...per doz.		4 00 to 6 00
Freesias		3 00@4 00
Gardenias		$6.00 per doz.
Lilium Harrisii		12 50@15 00
Paper Whites		2 00@ 3 00
Romans		2 00@ 3 00
Stevia		1 50@ 2 00
Sweet Peas		1 00@ 2 00
Tulips		3 00@ 4 00
Valley		3 00@ 4 00
Violets		50@ 1 25
Adiantum Croweanum		75@ 1 00
Ferns	2 50	
Galax "	1 00@1 25	
Leucothoe		75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00	
Plumosus Strings..each,	60@ 75	
Smilax.....per doz.,	2 00@2 50	
Sprengeri, Plumosus Sprays		3 00@ 4 00
Boxwood, 25c per lb.		

High Grade Floral Publicity

Write today for full particulars and sample

McNeff-Swenson Co.

220 So. Michigan Ave., CHICAGO

Mention the American Florist when writing.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone, Central 328

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago
Long Distance Phone, Randolph 3619

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

JOPLIN, MO.—The second annual rose show of the Country club will be held about June 1. Many handsome trophies will be awarded.

LAFAYETTE, IND.—O. H. Carlson of Minneapolis and A. F. Longren of Chicago, visited F. Dorner & Sons Co.'s greenhouses this week for the purpose of inspecting the splendid new rose, Hoosier Beauty.

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 1.50

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

MARKET WELL SUPPLIED; PRICES LOW.

Although it was reported to be very dull by most of the stores, there was considerable business; about as much as is expected in the mid-lenten season. The market is full of flowers of all kinds, which are sold at very low prices in quantity lots. Fine long stemmed Spencer peas have changed hands at $6 per thousand, but it is said they will not be so plentiful the coming week. Roses are in full supply, as are carnations. There is bulbous stock of all kinds, particularly daffodils; fine Emperors, and $2 per hundred is a high figure, while by the thousand the price is almost cut in half. Very little southern stock has appeared as yet. Gardenias are away ahead of the demand. Cattleyas are also to be had in almost any quantity at very low prices. Lily of the valley sells fairly well and Easter lilies and callas are seen in abundance, but they now go mostly for funeral work. Violets are showing that the end of their season is approaching, the singles particularly are getting smaller. Charles Meehan's retort at the florists' club, that but for the commission men there would be no growers, is shown in the way the market is relieved by the large shipments that go out, even in this dull season, to supply the trade worked up by this important branch of the business. The stock that is now handled by the department and 10 cent stores, all new agencies since last year, is very considerable. The Snellenberg store carries a very large stock, but a lot of it comes from the overstocked market of New York, where prices are said to be even lower than here. The Wanamaker store is about to enlarge their space as their business in the plant end requires it. What about Easter? This is the question we hear on all sides. Robert Craig, Jr., the optimist, feels sure it will be a great season. They have a magnificent stock and have already booked large orders. The dull periods of the past season and the slow business of Lent, clouds up the future for some of the pessimistic ones, and sorry to say, there are too many of these gentry, even in this business of sunshine, who appear to be always working in the shade and cannot see the silver lining to the clouds. The men who are on the job, pushing and making ready for the business, will get it. To win the race one must train for it, so hustle, boys, hustle so that when the final sprint comes—the rush days of Easter week—you will be there with the goods and the organization to handle them.

PHILADELPHIA SPRING SHOW
MARCH 23-25.

NOTES.

The plant growers are now hustling for orders and report stocks in good shape. Rambler roses are said to have come along so well with the favorable weather, that they can be kept cold from now on, which insures good color and substance in the flowers. The Robt. Craig Co. has a splendid stock of the popular varieties of these roses in all sizes, many of them trained to fancy shapes, which are good sellers.

Wholesale Flower Markets

BOSTON, March 17.	Per 100
Roses, Beauty	5 00@50 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, March 17.	
Roses, Beauty, special, doz.,	5 00
" " fancy, "	3 50
" " extra "	2 50
" " No. 1, "	2 00
	Per 100
" " No. 2	4 00@ 6 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 6 00
" Taft	4 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Freesia	2 00@ 3 00
Mignonette	4 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Tulips	2 00@ 3 00
Daffodils	2 00@ 2 50
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 00
Smilax	15 00

CINCINNATI, March 17.	
Roses, Beauty	per doz., $1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	8 00@10 00
Asparagus Plumosus	per bch., 25c
Carnations	2 00@ 3 00
Hyacinths	3 00@ 5 00
Orchids, per doz	3 00@ 3 50
Violets	35@ 50
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	3 00@ 4 00
Rubrum Lilies	4 00@ 8 00
Tulips	3 00

ST. LOUIS, March 17.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	4 00@10 00
" White Killarney	4 00@10 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	3 00@ 4 00
Carnations	2 00@ 3 00
Orchids	35 00@50 00
Rubrum	6 00@ 8 00
Violets	40@ 60
Asparagus Sprengeri	per bu., 25@50
Asparagus Plumosus	per bu., 25@60
Harrisii	12 50
Jonquils	2 00@ 3 00
Tulips	3 00@ 4 00
Sweet Peas	50@ 1 00
Callas	8c@12½c
Ferns	per 1000, 2 00
Leucothoe	per 100, 60
Galax	per 1000, 1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Southern Wild Smilax
New Crop now ready for shipment. $2.50 per case
Natural and Perpetuated Moss.
Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA.

The Aschmanns are noted growers and at the old place John Aschmann, the worthy successor of his father, has plant stocks that are up-to-date in every respect. Azaleas are seen in quantity in the moderate priced quick-selling sizes, all in fine shape. Multiflorum lilies are also largely grown as are spireas, French hydrangeas, cinerarias and bulbous stock in great variety.

The establishment of the Aschmann Bros., at Second and Bristol streets, is a blaze of color. Three large houses are filled with choice azaleas in popular sizes. There is a house of French and Otaksa hydrangeas, another of Spirea Gladstone and two of Easter lilies very well flowered and right on time to the minute.

Paddy's day windows in the stores are made attractive with all the regulation "fixings", such as flags, pipes, hats, and lots of shamrock, the shamrock in the pots being popular and featured by most stores and are offered at from 50 cents to $1 each. They are boxed for shipping and delivered to any address.

"Jimmy" of the Vollers House of Fowers force, when asked by a boy from another store who was complaining of his late hours, when he got off, said, "I get away when the last box of flowers goes out."

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

The Robt. Craig Co., at its Forty-ninth and Market streets and Norwood establishments, is offering a fine line of Easter stock in lilies, spireas, azaleas, rhododendrons, rambler roses and lily of the valley.

Berger Brothers will be long on lilies for Easter. Their growers report splendid stocks of this great Easter flower. Fine lily of the valley is also a feature.

The M. Rice Co.'s force are as busy as beavers with their Easter baskets. Mr. Eschver reports business quite up to that of last season.

Every standard flower in quantity is the word with the Leo. Niessen Co. They are prepared for and expect a great Easter trade. K.

Milwaukee.

BRISK DEMAND FOR CARNATIONS.

Carnations have been in brisk demand for several days and have brought better prices than they have for some time. Taken as a whole, business has been fairly good, considering the unfavorable weather, and no complaints are being heard. Roses are arriving in splendid condition and the same holds good for sweet peas. Preparations are now being made for Easter on all sides and a glance at the calendar reminds one that the big flower day is only a few weeks off.

NOTES.

Holton & Hunkel Co. have a fine supply of plants to offer for Easter, including azaleas, spireas, genistas, rambler roses, lilies, etc. The demand for same is starting rather brisk and a cleanup in all lines is expected before the Easter week is over. Roses and carnations are arriving in large quantities at the store now and particularly noticeable is a splendid cut of the new rose, Mrs. Chas. Russell, the variety that H. V. Hunkel picked as a winner when it was first introduced.

Mrs. Ennis, of the Wisconsin Floral Co., reports trade as good, with the outlook encouraging for Easter. M. H. Moore, who is now acting as manager, helped to entertain the Chicago Lodge of Elks on March 13, when they performed the initiation ceremony for the Milwaukee Lodge. "The White Squadron," known as the Uniformed Marching Club, and a trainload of Chicago Elks, came up from the Windy City to participate in the big doings.

The C. C. Pollworth Co. will grow the new rose, Mrs. Chas. Russell, instead of American Beauty in the future, but on a much larger scale. C. C. Pollworth says that the demand for carnations was very brisk the past week.

Gust Rusch & Co. are handling a nice supply of stock and getting everything in readiness for Easter. A fine supply of the pretty pink rose, Mrs. George Shawyer, is now included in the daily shipments.

Albert Loeffler, of Watertown, is consigning some very fancy sweet peas to Holton & Hunkel Co.

Visitors: Carl Schultz, Menominee, Mich.; Arnold Ringier, of the W. W. Barnard Co., Chicago; E. J. Fancourt, representing S. S. Pennock-Meehan Co., Philadelphia, Pa.

Wholesale Flower Markets

PHILADELPHIA, March 17.	Per 100
Roses, Beauty, extra	60 00@75 00
" " first	15 00@25 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	6 00@10 00
" Sunburst	6 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@50 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	1 00@ 2 00
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Asparagus, per bunch.	50

PITTSBURGH, March 17.	Per 100
Roses, Beauty, special	40 00
" " fancy	25 00
" " extra	15 00
" " No. 1	8 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00@ 3 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	75@ 1 00
Violets	50@ 75
White Lilac, per bunch.	75
Asparagus Sprengeri, per bunch.	35@40
" Sprays, per bunch.	35@40

MILWAUKEE, March 17.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 4 00
Lilies, per doz., $1.50	
Snapdragon, per bunch, 25c @75c	
Sweet Peas	75@ 2 00
Valley	2 00@ 4 00
Violets	50@ 1 00
Tulips, Freesia	2 00@ 3 00
Daffodils, Trumpets	2 00@ 3 00
Romans, Paper Whites	2 00@ 3 00

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Wholesale Florist,

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C. S. & Co.
NEW YORK

JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00
Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00. Lilium Multiflorum, 7/9-in., case of 300 bulbs, $16.50. Lilium Giganteum, 7/9-in., case of 300 bulbs, $16.50.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

TRADE IS QUIET.

Business was rather quiet during the past week, with an increase in the supply of stock. The weather has been fine and stock has been coming on fast. This is very noticeable in plants as well as cut flowers; many fine rose plants, rhododendrons and other plant stock being now on the market. At this writing there is quite a lively movement in white carnations on account of the near approach of St. Patrick's day. American Beauty roses have not been very plentiful and the prices have remained fairly steady. The supply of various pink and white roses is increasing.

NOTES.

A number of changes will soon take place in the wholesale district. Traendly & Schenck, it is stated, have taken a large store at 436 Sixth avenue, between 26th and 27th streets. P. J. Smith will remove from his present location to 131 West 28th street, the store that Traendly & Schenck will vacate. The changes of location by J. K. Allen and H. E. Froment have been previously noted.

Very fine floral tributes were noted at the Elks' club house March 10 for the funeral of Max C. Anderson, a well-known manager of theaters. Fred. Lenz, of the staff of David Clarke's Sons, was in charge of the floral arrangements.

The interesting feature for this week will be the flower show. The promoters have worked hard and it is to be hoped that their efforts will meet with success.

The scores of the New York Florists' Bowling Club Thursday, March 11, were as follows:

P. Jacobson	161	173	180
C. W. Scott	176	170	160
H. C. Riedel	174	160	177
A. J. Guttman	187	172	181
W. P. Ford	155	191	177

A. F. F.

Boston.

MARKET CONDITIONS SATISFACTORY.

Business during the past week has been very good for the usual trade during Lent. Carnations are in short crop and sell quite readily at $2.50 to $3 per hundred. Roses sold fairly well also, the prices on the general run of commercial grades ranging from $2 to $10 per hundred. Violets are very plentiful, and consequently bring very low prices, but with Easter in sight they are sure to raise in price. Sweet peas also are plentiful, and only high quality goods bring good figures. Marguerites are beginning to make themselves a prominent factor at the markets and are bringing good prices. Bulbous stock is plentiful and does not sell extra well, although large quantities are used. The plant trade is not very active just now, but the orders are coming in fast for Easter.

NOTES.

Violets and sweet peas are being shipped in large quantities by Wm. Sim of Cliftondale, Mass. He has just commenced to cut large Spencers from one of his houses, and they are unsurpassed by any peas coming to Boston. Since the resignation of Mr. Sprowl, his salesman, he has been marketing his own goods at his stall at the Boston Co-operative Flower market.

W. W. Edgar & Co., of Waverley, Mass., are busy booking orders for the Easter business. They have a good crop of Easter lilies, azaleas, rambler roses, genistas, lilacs and hydrangeas. Magna Charta and Ulrich Brunner are the leading roses with them this season.

The body of Albert Scott, who disappeared from his home in West Roxbury shortly before Thanksgiving, was found March 14 at Quincy. At the time of his disappearance he was said to have been in a highly nervous state that bordered on melancholia.

The Gardeners' and Florists' Club held their annual banquet at the American House March 11. After the banquet there was an entertainment. The whole affair was very successful and a most enjoyable evening was experienced by all that attended.

The Budlong Rose Co., of Auburn, R. I., are cutting very fine American Beauties. The foliage is exceptionally good and the stems run about six feet in length. They also are cutting good Taft, Hadley, Killarney Brilliant and Cardinal roses.

W. R. Nicholson of Framingham has some of the finest mignonette coming to Boston. It is a strain of his own that he has been improving for some years. His carnations and yellow marguerites are also coming along nicely.

Sydney Hoffman has opened a new store at 194 Boylston street to take care of his Easter trade. He had the decorations for the spring opening at Filene's and Jordan Marsh Co.'s department stores.

John McFarland, of North Easton, Mass., is cutting very fine gardenias, freesias and lily of the valley. He has 7,000 Easter lily plants in fine condition for the Easter trade.

J. Foote, of Reading, Mass., has rather a novelty in pot and cut schizanthus. He is testing out its selling qualities this year, and so far is well pleased with the results. F. L. W.

Albany, N. Y.

One of the largest meetings held by the Albany Florists' club in some time was that for the present month. The announcement at the February meeting that growers would be asked to make exhibits had much to do with it. The result was shown along the north side of the meeting room, where a table four feet by 50 feet was covered with an array of blooms that showed the zeal of some of the growers to let the local trade know what they are doing. The list of exhibitors included:

S. S. Pennock-Meehan Co., Philadelphia, Pa.—New pink seedling carnation, Mrs. C. Edward Akehurst, grown by C. Akehurst & Son, White Marsh, Md.

Carnation Alice Coombs as grown by A. Roper, also Carnation Morning Glow, Spencer sweet peas, cattleyas, cornflowers, and white lilacs.

F. R. Pierson, Tarrytown, N. Y.—striking double variety.

A. N. Pierson, Inc., Cromwell, Conn.—White Carnation Matchless; Lilium formosum.

Welch Brothers, Boston—Carnation Gorgeous; a fine cerise with stems of unusual length and strength.

Roman J. Irwin, New York—Carnation Alice.

A. S. Burnes, Spring Valley, N. Y.—Lilies of many varieties, especially speciosum.

F. W. Velie, Rhinebeck, N. Y.—Single and double violets.

Ansel D. Carpenter, Cohoes, N. Y.—Early white seedling snapdragon to be introduced in 1916. This exhibit attracted considerable attention on account of the size of the flowers and length of stems.

William Hannell, Watervliet, N. Y.—Carnations Enchantress Supreme and Philadelphia; Pink Killarney, Sunburst and Hadley roses.

Henry Hansen, Catskill, N. Y.—Primroses and cinerarias.

Samuel Hanson, Troy, N. Y.—Pink and White Enchantress.

Joseph Traudt, Canajoharie, N. Y.—Genistas.

Fred Goldring, Slingerland, N. Y.—Azaleas and cyclamens.

Fred Henkes, Newtonville, N. Y.—Azaleas, primroses, carnations, and foliage plants.

Fred A. Danker, Albany, N. Y.—Cinerarias.

A lengthy discussion was held on

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the advisability of holding a flower show in the Albany Institute in November. President F. R. Bilson named a committee of 11 with F. A. Danker as chairman to arrange the preliminaries for the show. E. P. Tracey made a report on the trip he took as a representative of the club at the meeting of the State Federation of Floral Clubs at Ithaca on February 10. Mr. Tracey was named on a committee of the federation to increase the membership in the state body from the local clubs. Three applications received will be acted upon at the next meeting.

R. D.

Fort Smith, Ark.

The Electric Park Greenhouses have remodeled their store front and made some changes in the interior of their store, making quite an improvement. O. E. Carnes will make his entry in the florist business by taking charge of the store while Mr. Duey will continue the management of the greenhouses. Mr. Carnes was formerly in the oil business.

Brockman's Flower Shop has installed automobile delivery to take care of its increasing business. Several other florists are preparing to do the same.

Mrs. George Rye is in the lead to win an automobile in a newspaper contest.

J. F. Johnson & Co. are building a new greenhouse. C. J. B.

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	New York, March 17.	Per 100
Roses, Beauty, special		25 00@40 00
" " extra and fancy		15 00@20 00
" " No. 1 and No. 2		5 00@10 00
" Alice Stanley		5 00@10 00
" Prince d'Arenberg, special		8 00@10 00
" Francis Scott Key, special		8 00@10 00
" Mrs. Geo. Shawyer, special		5 00@ 8 00
" " extra		3 00@ 4 00
" " " No. 1 & No. 2		1 00@ 3 00
" White Killarney, special		6 00@ 8 00
" Killarney, My Maryland		
" " special		5 00@ 8 00
" " No. 1 and No. 2		1 00@ 3 00
" " Queen, special		5 00@ 8 00
" " Brilliant		1 00@ 6 00
" Aaron Ward		2 00@ 8 00
" Richmond, special		1 00@ 8 00
" Sunburst		1 00@ 8 00
" Taft		2 00@ 6 00
" Milady, special		2 00@ 8 00
" J. L. Mock		3 00@10 00
" Hadley		3 00@25 00
" Ophelia		3 00@12 00
" Mrs. Chas. Russell		2 00@12 00
Carnations		3 00@ 4 00
Cattleya Orchids, special		25 00
" inferior grades		15 00@20 00
Jonquils		2 00@ 2 50
Lilies, Longiflorum and Harrisii		3 00@ 6 00
Lily of the Valley		50@ 2 00
Tulips		1 00@ 2 00
Violets		10@ 35
Gardenias	per doz.	$1.00@$2.00
Adiantium Croweanum and Hybridum		50@ 75
Asparagus Plumosus	doz. bchs.	2 50
Smilax	doz. strings.	1 25@ 2 00
Paper White Narcissus	doz.	$1.50@$2.00
Sweet Peas, per doz. bunches		35@ .50
" Spencer type, 100 flowers		.50@1.00
White Lilac	per bunch.	50@ 75

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LINCOLN, ILL.—Gullett & Sons, wholesale and retail florists, according to a Decatur newspaper, of March 4, have awarded a contract to the John C. Moninger Co., Chicago, for the building of three houses, 60x500 feet, and two houses, 26x415 feet, at the wholesale plant east of town. Adolph Nielson, formerly of Chicago, is in charge and the family has recently moved here.

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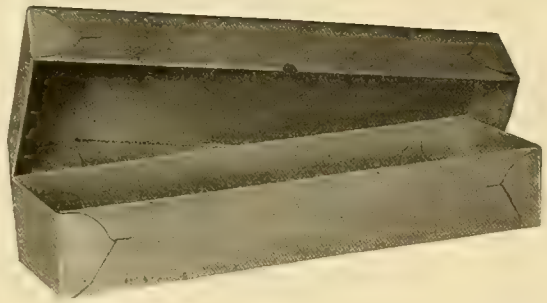

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San Francisco.

LENTEN LULL CAUSES LOW PRICES.

Business has been pretty dull during the past few weeks, and as we are in the middle of the Lenten season, there seems to be slight prospects of improvement for some weeks to come. There is plenty of stock of nearly every thing in the cut flower line to go around, and as a consequence, prices on nearly every thing have dropped considerably. Carnations are much lower than for a long time and the same is true of roses. Violets are still in great abundance and bringing very low figures. Bulbous stock of all kinds can be had in any quantity, and the prices they are bringing are anything but remunerative to the growers. Daffodils are about over, but there are plenty of other stock to fill the vacancy. Lily of the valley is in fairly good supply with steady prices prevailing. Freesias are about over for the season. Sweet peas are still scarce and very few of good quality are arriving, the common Earliest of All and white being the only two varieties in evidence. Orchids are very plentiful and the demand slow. There are plenty of lilies with little call as yet. Gardenias are none too plentiful, and the available supply is rapidly absorbed. The trade in plants is nominal and the same may be said to apply to everything in the green line.

NOTES.

The monthly meeting of the Pacific Coast Horticultural Society was held Saturday evening, March 6. There was a very large attendance. The final plans for the spring show as presented by the exhibition committee were adopted. A communication from the Chrysanthemum Society of America was read with reference to the fall show in the Palace of Horticulture. Definite action was posponed on motion of Joseph Thompson. It seemed to be the sense of the meeting that this communication be referred to the Menlo Park Horticultural Society, which centers in the greatest chrysanthemum growing section in the west. Menlo Park and vicinity are so located that they can put chrysanthemums into this market and the whole Pacific coast weeks before other localities. We hope that Chas. W. Johnson of the Chrysanthemum Society of America will communicate with the secretary of the Menlo Park Horticultural Society with a view of having the national society represented at the exposition this fall. It is once in a life time to us westerners that an opportunity like the present one offers itself, and the writer wishes that Mr. Johnson place himself in communication with the secretary of the Menlo Park society and I can promise that the growers there will make their usual remarkable display of chrysanthemus, both standard varieties and novelties.

The first flower show in connection with the exposition will be held under the auspices of the Pacific Coast Horticultural Society in conjunction with the department of horticulture of the Panama-Pacific International exposition at the Palace of Horticulture, exposition grounds, March 19-21. H. Plath has been selected as manager, John R. Fotheringham, assistant manager, and Tom Taylor, secretary. The following very excellent exhibition committee has been selected: Dan MacRorie, Jos. Thompson, Thos. Taylor, Frank Pelicano, Eric James, A. J. Rossi, Dan Raymond, Donald McLaren, Wm. Kettlewell, William Munro and John R. Fotheringham. The prizes for bulbous stock are varied and generous and the same can be said of plants. There is also to be a large display of cut flowers of bulbous stock. The last day will be devoted to floral arrangements, for which very valuable cash prizes and medals are provided for the successful competitors. This show is attracting a great deal of attention among the growers and private gardeners in this city and vicinity, and with H. Plath as managing director, we may expect to see something out of the ordinary. Mr. Plath has managed many shows in this city, and every one of them have been great successes. We hope this one will eclipse all his former efforts.

Frank G. Cuthbertson, secretary for the San Francisco exhibition of the American Sweet Pea Society, has issued a supplement to the original schedule of the society for its exhibition June 4 at the Palace of Horticulture, as follows: Open to gardeners and amateurs—Prizes donated by G. A. Dennison, chief of horticulture—Best display of sweet peas, arranged on tables, 3 ft. x 6 ft.; first prize, $25. John Bodger & Sons Co. prize, open to amateurs and private gardeners for two distinct varieties of Spencers; first prize, $15; second, $5. The Garden Magazine offer their handsome gold medal to the person or firm winning the most points at the exposition. President Lester L. Morse of the American Sweet Pea Society has offered a handsome silver cup valued at $50 for the most original floral design made out of sweet peas. The National Sweet Pea Society of Great Britain offers three medals for the best trade display by seedsmen or seed growers. The first prize is a gold medal, second silver gilt medal and third is a silver medal. Mr. Cuthbertson expects many more prominent premiums to be offered as the season progresses.

The exhibition committee of the Menlo Park Horticultural Society have decided to hold their spring flower show May 20. The show is to last for one day and evening. Owing to the fact that the fair will be holding many shows this spring it was not thought advisable to have a flower show lasting more than one day. John W. Daly will be in charge of the show, and that means that it is going to be a good one.

John Aitken has been appointed chief landscape engineer of the Jacob Stern estate at Menlo Park. Jack is a very competent and popular member of the craft and has the best wishes of all for his success.

M. H. Ebel and wife of Sacramento have been visitors during the week, taking in the Vanderbilt cup races.

G. N.

Hartford, Conn.

John Coombs is just getting around again after being confined to the house nearly all winter by sickness.

Friday, March 12 was carnation night at the Horticultural Society meeting.

Trade conditions are very satisfactory, stock of all kinds being plentiful.

J. F. C.

CENTRALIA, KAN.—Mrs J. R. Hount has taken the local agency for Mangelsdorf Bros. Co., florists, Atchison, Kan.

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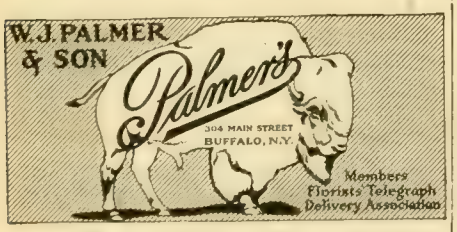

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Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

913 Grand Avenue

All Orders Given Prompt and Careful Attention

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing.

Kansas City, Mo.

Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

Mention the American Florist when writing.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Washington, D. C.

Blackistone,

14th and H. Street.

JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

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FREY & FREY,

1338 O Street, LINCOLN, NEB

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street. EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co. Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing.

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing.

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist
77 W. Madison St. CHICAGO

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

Little Rock, Ark.
PAUL M. PALEZ,
FLORIST,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
Mention the American Florist when writing.

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders
Member of The Florists' Telegraph Delivery.
Mention the American Florist when writing.

DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.
DULUTH, MINN.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF **HEINL'S**

New York.
MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.
Member of The Florists' Telegraph Delivery.

Memphis, Tenn.
The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.
ROCK'S FLOWERS
Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.
Mention the American Florist when writing.

GEORGE RYE
"Some Florist"
16 N. 6th St., **Ft. Smith, Ark**
Mention the American Florist when writing.

Houston, Texas.
Robt C. Kerr Floral Co.
Main and McKinney Phone, Preston 160

DENTON FLORAL CO., S. W. KANADY, Mgr. **DENTON, TEX.**
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1519 Farnam St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON, TORONTO
CANADA'S LEADING FLORISTS
F. T. D. Members 266 Yonge St.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

Trade Directory
PRICE: $3.00, Postpaid.
American Florist Company
440 S. Dearborn St., CHICAGO

Funeral Emblems Cut Flowers
Brown Bros. & Co.,
Ltd.
FLORISTS, NURSERYMEN AND SEEDSMEN
Bulbs Seeds
48 Hastings St., E.,
Vancouver, B. C.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc
229 WEST THIRD STREET

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Delivery.

Vaughan's Flower Seeds

SWEET PEAS

ASTERS

QUEEN OF THE MARKET

The Standard Early Flowering Type

White	Dark Blue	Dark Lilac
Crimson	Silvery Lilac	Azure Blue
Pink	Scarlet	Light Blue
	Flesh	

	Trade Pkt.	Oz.
Any of Above.....per lb., **$10.00**; ¼ oz., **25c**	.10	.80
Mixed, All Colors	.10	.60

THE KING

Petals somewhat resemble the quilled varieties, but are much larger and broader, those in the center being curled and incurved, completely covering the crown.

Rose. Pink. Violet. White. Each .....¼ oz., **40c**	.25	1.50

THE ROYAL

The stems grow directly from the ground and not on side-shoots from the main stem like other varieties.

Purple	.10	1.25

NEW ASTERMUM

The plants are of strong upright growth with 12 to 15 strong stems 20 inches long, each carrying a flower of perfect form.

Snow White, Rose Pink. Dark Lavender. Each of the above.....	.25	2.50
Lavender Gem. The flowers are of a true lavender shade and the petals are gracefully curled and twisted.....	.35	3.00
Peerless Pink. The flowers are enormous, globular in shape, many five inches across, of a most delightful and pleasing rich shell pink.....	.25	2.50
Crimson Giant. This shade has been one which has seemed to lack in intensity of color, but in this variety the blood red blossom is particularly bright.....	.25	2.00

	Trade pkt.	Oz.
Enchantress Pink. It is a mid-season variety and the form of flower while loose, is compact. The inner petals are broad and fold in perfect circles, each petal overlapping The outer petals gradually lose this trait until they stand out straight from the center	.25	2.50
Pink Beauty. Upright and sturdy growth, stems twenty inches long. Petals of flowers are incurved and a charming pink.....	.35	3.50
Sensation. Bushy and branching plant about two feet high, flowers double and incurved, resembling a Dahlia, and the flower a lively cardinal red	.25	2.50

SEMPLE'S BRANCHING

White	Cinnabar Carmine	Azure Blue
White turning to pink	Dark Red	Daybreak
Lavender	Rose Pink	Purple
Fiery Scarlet	Crimson	Deep Rose

Semple's Branching, Any of Above.....	.10	.80
Mixed, All Colors	.10	.60

CREGO

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect.

White. Shell Pink. Dark Pink. Lavender. Each of the above	.25	1.40

SWEET PEAS.

SPENCER VARIETIES

WHITE	Oz.	¼ lb.	Lb.
King White. Best white.....	$0.60	$2.00	$8.00
White Spencer	.25	.85	3.00
PINK			
Countess Spencer. Clear pink.....	.20	.70	2.40
Blanche Ferry. A giant type of Spencer form, with rose standard, and wings white suffused and tinted with light pink.....	.20	.60	2.00
Elfrida Pearson. Large pale pink flower, the buds and young flowers having a distinct tint of buff.....	.25	.85	3.00
Florence Morse. Standard richly flushed with a beautiful distinct shade of pink; wings soft blush pink	.20	.60	2.00
Rosabelle. A very fine large rose-colored flower, giant size and a strong grower producing abundance of sprays of fours.....	.60	2.00	8.00
Hercules. A pale rosy flower of giant size	.60	2.00	8.00
Mrs. Cuthbertson. Standard rose pink, wings white	.30	1.00	4.00
LAVENDER	Oz.	¼ Lb.	Lb.
Asta Ohn. A soft pinkish lavender self	.20	.70	2.60
Florence Nightingale. Bluish lavender	.25	.85	3.00
Margaret Madison. A beautiful self-colored azure blue. A lovely shade	.30	1.00	4.00

GRANDIFLORA VARIETIES

WHITE			
Dorothy Eckford. One of the best whites	$0.10	$0.20	$0.60
Nora Unwin. Giant white.....	.10	.30	1.00
PINK			
Gladys Unwin. Pale rosy pink.....	.10	.30	1.00
Lovely. Soft shell pink.....	.10	.25	.90
Prima Donna. Soft pink	.10	.25	.85
LAVENDER			
Frank Dolby. Largest and finest pale blue	.15	.45	1.50
Flora Norton. A very bright blue...	.10	.25	.90
Lady Grisel Hamilton. Lavender....	.10	.25	.80

For Complete List of Flower Seeds see our "Spring Book For Florists."

43 Barclay Street, NEW YORK **VAUGHAN'S SEED STORE,** **31-33 W. Randolph Street, CHICAGO**

The Seed Trade

American Seed Trade Association

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

LINNAEUS ALLEN writing from Floral Park, March 15, advises that Long Island cabbages for seed have kept very well so far this winter.

DES MOINES, IA.—Chas. N. Page, of the Iowa Seed Co., who is spending the winter at Point Loma, Calif., reports his health much improved.

SAGINAW, MICH.—Bean growers and jobbers from all over the state will meet here March 23 and form the Michigan State Bean Growers' Association.

American Seed Trade Association.

SAN FRANCISCO CONVENTION TRIP.

The schedules, fares and itinerary officially decided upon for the going trip to the seed trade convention at San Francisco, Calif., June 22-24 are presented herewith. President Morse hopes for a large attendance at this convention. The return journey may be made by each individual or group as he or they see fit, but it will be necessary to name the return route at the time of purchasing the tickets in order to secure the reduced rates. The trip to the Grand Canyon is $7.50 additional and if it is desired to return by way of Portland, Ore., $17.50 will be the extra fare. The committee desires to hear from the members as soon as convenient and trusts that a large number will avail themselves of the Santa Fe special from Chicago as per itinerary.

FARES AND EQUIPMENT.

For this special train the Atchison, Topeka and Santa Fe Railway System will provide the following equipment which is a duplication of the Santa Fe California Limited: Observation Pullman, compartment and drawing rooms as well as open sleepers, diner on Santa Fe lines for the trip, library club car. The railway fares are as follows going via one direct line, or as per itinerary and returning any other direct line. The return via Portland will be $17.50 additional. The side trip, Williams to the Grand Canyon and return is $7.50 additional.

Chicago to San Francisco and return	$ 62.50
New York (Standard Lines)	98.80
New York (Differential Lines)	94.30
Boston (Standard Lines)	103.70
Boston (Differential Lines)	97.70
Philadelphia (Standard Lines)	95.20
Philadelphia (Differential Lines)	92.95

ITINERARY.

June 12	Leave	Chicago	8:05 P.M.
June 13	Arrive	Kansas City	8:45 A.M.
June 13	Leave	Kansas City	9:00 A.M.
June 14	Arrive	Albuquerque	11:00 A.M.
June 14	Leave	Albuquerque	11:30 A.M.
June 15	Arrive	Grand Canyon	6:00 A.M.
June 15	Leave	Grand Canyon	7:40 P.M.
June 16	Arrive	Redlands, Cal.	1:00 P.M.
June 16	Leave	Redlands, Cal.	3:00 P.M.
June 16	Arrive	Riverside	4:00 P.M.
June 16	Leave	Riverside	11:00 P.M.
June 17	Arrive	San Diego	7:00 A.M.
June 17	Leave	San Diego	11:59 P.M.
June 18	Arrive	Los Angeles	7:00 A.M.
June 18	Leave	Los Angeles	11:30 P.M. So.Pac.
June 19	Arrive	Lompoc	8:00 A.M.
June 19	Leave	Lompoc	11:30 P.M.
June 19	Arrive	Oceano	1:00 P.M. So.Pac.
June 19	Leave	Oceano	10:00 P.M.
June 20	Arrive	San Francisco	8:00 A.M.

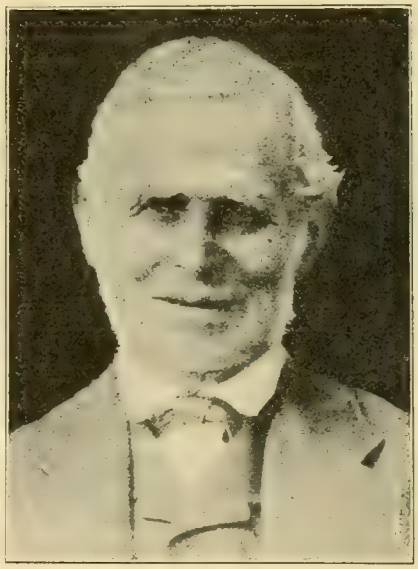
S. F. LEONARD, Chairman,
E. L. PAGE,
W. S. WOODRUFF,
FRANK LECKENBY,
HENRY B. FISH,
Transportation Committee.

PUGET SOUND CABBAGE.—The heads passed through the winter in very fair condition and from present appearances the crop promises to be a normal one.

CHICAGO.—Prices for grass seed on the Board of Trade March 17 were as follows: Timothy, $5.00 to $6.75 per 100 pounds.—Chas. P. Guelf, of the Jerome B. Rice Seed Co., Cambridge, N. Y., is due to return March 18.

C. Young & Sons Co., St. Louis, Mo.

The C. Young & Sons Co., which has a store and conservatories covering an area of 60,000 square feet at Belt avenue between Waterman and Berlin avenues, and a store at 1406 Olive street, has begun its fiftieth year of existence in St. Louis. The business was established by Christopher Young, who came to St. Louis from Toronto, Canada, in November, 1865. His family included five sons who assisted him in a small gardening business. They started with three small greenhouses where their present West End establishment is located, a part of St. Louis' most exclusive residence district. At that time the region was a forest and a few scattered farms. After the market for greenhouse products opened in the west and southwest, the Youngs began to advertise more extensively. They issued their first catalogue in the latter part of the seventies.



Christopher Young.

Founder C. Young & Sons Seed and Plant Co., St. Louis, Mo.

The Late T. Lee Adams.

As recorded in the seed trade department of THE AMERICAN FLORIST last week, T. Lee Adams, president of the T. Lee Adams Seed Co., one of the oldest seed firms in Kansas City, Mo., died at his home March 3, following a two years' illness. He was in his sixty-fifth year. Born in Waynesville, O., he removed to Kansas City in 1873, and identified himself with the Turnbull, Reynolds & Allen Seed Co., and in 1881 started in business for himself. He was prominently identified with both civic and religious interests of Kansas City, was a member of the Commercial, the Knife and Fork, and the Rotary clubs, and for 29 years had been a member of the congregation and a trustee of the First Presbyterian church. He is survived by a brother, David S. Adams, also a resident of Kansas City.

His life was a benediction to many, an example worthy of emulation, and the profusion of floral tributes in evidence at his bier testified to the feelings of profound sorrow that his death brought to a wide circle of friends. Funeral services were held March 5, and the remains were taken to Waynesville, O. for burial.

Non-Warranty Clause Decides Suit.

Louisville, Ky. — Thomas Wallace sued Wood, Stubbs & Co. for $488.50, claiming the defendant company sold him the wrong kind of corn. This suit has been decided in favor of the defendants by a unanimous verdict of the jury, the defense being based on the non-warranty clause.

NEW YORK.—The Harry A. Bunyard Co. has been incorporated, with a capital stock of $25,000.

LINCOLN, NEB.—The Gunn Seed Co. opened for business at 219-221 South Tenth street, March 1, E. S. Gunn and E. A. Pegler proprietors. Mr. Gunn was formerly general manager of the Galloway Seed Co., at Waterloo, Ia., and previously, for 19 years, vice-president and manager of the retail and mail order department of the Griswold Seed Co. Mr. Pegler has been handling poultry supplies for a number of years here in connection with his wholesale pickle business. His poultry department has been turned over to the new firm and Mr. Pegler will now give all of his time to the pickle and vinegar trade.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's Seeds

WE often have an overstock of popular seeds and bulbs which we are able to supply below the market.

Ask us about it and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

KENTIA SEED
FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.
Mention the American Florist when writing.

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
Mention the American Florist when writing.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

TOMATO SEED
Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners.

Valley for Easter

CHICAGO MARKET BRAND
Best Valley in existence, giving the best results all year round.
$15.00 for 1000 $8.00 for 500
4.50 for 250 2.00 for 100

FLORIST MONEY MAKER BRAND
Best Valley at moderate prices.
$13.00 for 1000 $7.00 for 500
$4.00 for 250

H. N. BRUNS
3032 Madison St., CHICAGO.

Barnard's Lawn Mixtures
Sell Rapidly and Afford a Good Profit to Dealers.

Perpetual Green There is no better seed for the making of a luxuriant and permanent lawn. This is our standard mixture, same as sold by us for years to leading parks, private estates, golf and link grounds, etc. Put up in ½-lb. and 1-lb. cartons; also in 5, 7 and 14-lb. cloth bags Price, in cartons, per lb., 18c; in bulk, 17c. Retail price, lb., 30c.

Choice Mixture A good, well-balanced mixture which we do not hesitate to recommend. Same containers as above. Price, in cartons, per lb., 13c; in bulk, 12c. Retail price, lb., 25c.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO

LILY OF THE VALLEY PIPS
Extra fine qualities. New crop.
Danish and German.
Ask for quotations.
LOECHNER & CO., 11 Warren Street, NEW YORK

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS GROWERS FOR THE TRADE
Write for Prices

Onion Seed
Write us for price on both globe and flat varieties. We are also quoting ONION SETS.
Schilder Bros., CHILLICOTHE, OHIO.

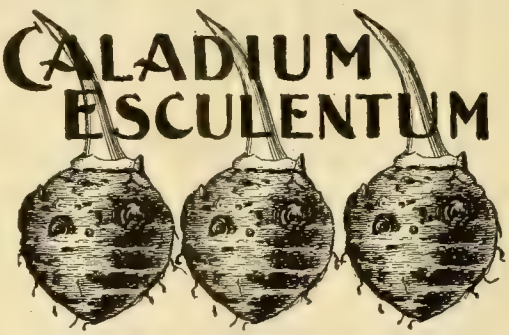
Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

Spring Bulbs For Counter Trade

GLADIOLUS

For Forcing and Field.

	Per 1000
Hyde Park, first size (very early bloomer)	$60.00
Mrs. Francis King, first size (3000 for $25.00)	9.00
Mrs. Francis King, medium size (3000 for $19.00)	7.00
Thick, healthy bulbs grown by us.	
Augusta, first size	12.00
Augusta, medium	10.00
Our own growing, sound and healthy.	
America, first size	12.00
America, medium	10.00
Our own growing, sound and well graded.	
Princeps	30.00
Florists XXX, Mixed (Light Colors)	15 00
Scarlet and Red Shades	11.00
Pink Shades	16.00
Striped Shades	22.00
Yellow Shades	27.50



	Per 100	Per 1000
5-7-inch cir	$ 1.75	$ 15.00
7-9-inch cir	3.50	30.00
9-11-inch cir	6.00	55.00
12-inch and up cir	14.00	125.00

Get Our "Book For Florists."

BEGONIAS

Tuberous Rooted.

	Per 100	Per 1000
Single Separate Colors	$2.50	$20.00
Single Mixed Colors	2.00	18.00
Double Separate Colors	3.50	30.00
Double Mixed Colors	3.00	28.00

TUBEROSES

TRUE DWARF PEARL.	Per 1000
First Size, 4-6 inch	$10.00
Medium Size, 3-4 inch	5.00

Cold Storage Lilies

	No. in case	Per case
Giganteum, 7-9-in	300	$16.00
Giganteum, 8-10-in	225	16.00
Giganteum, 9-10-in	200	20.00

CHICAGO **Vaughan's Seed Store** NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

Woolworth Bldg., New York City

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns

James Vick's Sons

Seedsmen

ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same

King Humbert Cannas

Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5 00 per 100; 4 in. plants, $8 00 per 100.

Satisfactory references or cash.

W. W. COLES, Kokomo, Ind.

Seedsmen requiring the very best selections of

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

Fancy Caladium Bulbs

4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

Tampa Floral Co., Tampa, Fla.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,

1004 Betz Bldg., Philadelphia, Pa.

Card brings a Catalogue

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited. Swedesboro, New Jersey

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

CRAIG SPECIALTIES FOR EASTER AND SPRING, 1915.

LILIES

Plants with from 4 to 10 flowers, 12 cents per bloom
Made up pans from 15 to 25 flowers, 12 cents per bloom
Plants with less than 4 flowers, 15 cents per bloom
Cut Lilies, medium..........$12 per 100 blooms

RHODODENDRONS

Prices, $1.50, $2, $2.50, $3, $3.50 and $4 each
Very large plants........$5, $6 and $7.50 each
Pink Pearl................$2, $2.50 and $3 each

HYDRANGEAS

Hydrangea Otaksa, 6-inch, $6, $9, $12, $15 and $18 per doz.
Hydrangea Otaksa, 7-inch and 8-inch, $2, $2.50, $3, $3.50 and $4 each
Hydrangea Otaksa, Specimen, $5, $6 and $7.50 each

THE NEW FRENCH HYDRANGEA

6-inch and 7-inch pots, from 3 to 15 flowers, $9, $12, $15, $18, $24, $30, $36 and $48 per doz.
April delivery, 2½-inch pots. Hydrangea Otaksa, strong plants, $8 per 100; $75 per 1,000.

HALF STANDARD BABY RAMBLERS

Orleans, President Taft, Phyllis, etc., exceptionally fine plants, 3-foot stems, $1.25, $1.50 and $2 each.

PHYLLIS PINK BABY RAMBLER

5-inch and 6-inch pots......$6 and $9 per doz.

ORLEANS (New)

5-inch and 6-inch pots......$6 and $9 per doz.
7-inch pots, very heavy, made up, $12 and $15 per doz.

ERNA TESCHENDORFF

5½-inch and 6-inch pots....$6 and $9 per doz.

ELLEN PAULSEN

5½-inch and 6-inch pots....$6 and $9 per doz.
7-inch pots ....$12 and $15 per doz.

PINK RAMBLER ROSES
LADY GAY AND DOROTHY PERKINS

In grand condition, trained into fan, globular and pyramidal shapes, $1.25, $1.50, $2, $2.50, $3, $3.50 and $4 each.
Special ball shapes, wire frames. $2.50, $3, $4 and $5 each
Baskets ....$7.50 and $10 each

TAUSENDSCHON—Thousand Beauties

Strong plants, 6-inch and 7-inch pots, $1, $1.25 and $1.50 each
Trained plants, fans, globular and pyramidal shapes, $2, $2.50, $3, $3.50, $4, $5, $6 and $7.50 each.
Baskets ....$7.50 and $10 each

HYBRID ROSES—MAGNA CHARTA

Magna Charta, very fine, 6 to 18 flowers, $9, $12, $15 and $18 doz.

ROSES—FRAU KARL DRUSCHKI AND SOLIEL D'OR

6-inch and 7-inch pots, $12, $15, $18, $24 and $30 per doz.

JUNIATA—NEW CLIMBING ROSE

Specimen plants, 6-inch and 7-inch pots, $12, $15, $18, $24 and $30 per doz.
Specimen plants, $3, $3.50, $4, $5, $6, $7.50 and $10 each
Baskets ....$7.50 and $10 each
Round globes on wire frames, perfect plants, $3.50, $4, $5, $6 and $7.50 each

EXCELSA—NEW CLIMBING ROSE

We offer splendid plants in 6-inch, 7-inch and 8-inch pots at $1.25, $1.50, $2, $2.50, $3.50, $4, $5, $6, $7.50 and $10 each.
Baskets of Excelsa at......$7.50 and $10 each

UMBRELLA ROSES

$3.50, $4 and $5 each.

SPIRAEA GLADSTONE

6-inch pots, very heavy, $6 per dozen; $45 per 100
7-inch pots, very heavy............$9 per doz.
8-inch tubs, very heavy, made up, $12 per doz.
10-inch and 11-inch tubs, very heavy, made up ....$18 and $24 per doz.

SPIRAEA QUEEN ALEXANDRA

6-inch and 7-inch pots, very heavy, $0.75 and $1 each

GENISTAS

3-inch pots ....$15 per 100
4-inch and 4½-inch pots....$3 and $4 per doz.
5½-inch and 6-inch pots....$6 and $9 per doz.
7-inch pots ....$12 and $15 per doz.
Large plants ....$1.50, $2, $2.50 and $3

MARGUERITES

6-inch pots ....$4 and $6 per doz.

AZALEAS

6-inch and 7-inch pots, $0.75, $1, $1.25, $1.50 and $2 each
Specimens at $2.50, $3, $3.50, $4, $5, $6 and $7.50 each

CROTONS

2½-inch pots, strong plants, $20 per 100; $175 per 1,000
4-inch pots, strong plants, $30 per 100; $275 per 1,000
5-inch pots, strong plants, $50, $75 and $100 per 100
6-inch pots, strong plants, $12, $15, $18 and $24 per doz.
7-inch pots, strong plants, $24, $30 and $36 per doz.
8-inch pots, made up beautiful plants, $24, $30 and $36 per doz.
10-inch pots, made up beautiful plants, $5, $6 and $7.50 each
12-inch and 14-inch tubs, made up beautiful plants ....$10 and $15 each

LILY OF THE VALLEY

5-inch pots ....$7.50 per doz.

DRACAENA MASSANGEANA

4-inch pots ....$7.50 per doz.; $50 per 100
6-inch pots ....$15 and $18 per doz.
8-inch pots ....$24 and $30 per doz.
11-inch tubs, very handsome, $3.50, $4, $5 and $6 each

DRACAENA LORD WOLSELEY

2-inch pots ....$12 per 100
3-inch pots ....$25 per 100
4-inch pots ....$35 per 100
5-inch pots ....$9 per doz.
6-inch pots ....$12 per doz.

DRACAENA STRICTA GRANDIS

2¼-inch pots..........................$20 per 100
3- inch pots..........................$35 per 100
4- inch pots..........................$50 per 100
5- inch and 6-inch pots, $9, $12, $15, $18 and $24 per doz.

DRACAENA AMABILIS

2¼-inch pots.........................$20 per 100
3- inch pots.........................$35 per 100
4- inch pots.........................$50 per 100
5- inch pots...............$9 and $12 per doz.
6- inch pots..............$15 and $18 per doz.

DRACAENA CRAIGII

Small plants, 4-inch pots................$1 each

DRACAENA TERMINALIS

2¼-inch pots.........................$10 per 100
3- inch pots, strong plants.........$25 per 100
4- inch pots, strong plants.........$35 per 100
5- inch pots..........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA BAPTISTII

6- inch pots..........$1, $1.25 and $1.50 each
2¼-inch pots.........................$20 per 100

DRACAENA SHEPHERDII

6-inch pots, heavy........$12 and $15 per doz.

DRACAENA GLADSTON (Rare)

2¼-inch pots.........................$20 per 100
4- inch pots..........................$6 per doz.
5- inch pots..........................$9 per doz.
6- inch pots..........$12, $15 and $18 per doz.

DRACAENA GODSEFFIANA

2¼-inch pots.........................$10 per 100
3- inch pots..............$15 and $20 per 100
4- inch pots.........................$25 per 100

DRACAENA INDIVISA

5-inch pots ....$20 per 100

DRACAENA SANDERIANA

2¼-inch pots.........................$15 per 100

DRACAENA KELLERIANA

2¼-inch pots.........................$12 per 100
3- inch pots.........................$20 per 100
4- inch pots.........................$35 per 100
7- inch pots, made up....$18 and $24 per doz.

DRACAENA FRAGRANS

4-inch pots..........................$35 per 100
6-inch pots.................$6 and $9 per doz.
8-inch tubs.........................$18 per doz.
10-inch tubs.................$2 and $2.50 each
Larger plants..............$4, $5 and $6 each

DRACAENA GUILFOYLEII (Rare)

2¼-inch pots.........................$20 per 100
4- inch pots..........................$6 per doz.
5- inch pots..........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA TITWORTHII (Rare)

2¼-inch pots.........................$20 per 100
4- inch pots..........................$6 per doz.
5- inch pots..........................$9 per doz.
6- inch pots.........$12, $15 and $18 per doz.

DRACAENA ANERLEYENSIS (Rare)

2¼-inch pots.........................$25 per 100
4- inch pots.........................$50 per 100
5- inch pots..........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA IMPERIALIS (Rare)

2½-inch pots.........................$20 per 100
4- inch pots.........................$50 per 100
5- inch pots..........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA—MARGUERITE STORY

2¼-inch pots.........................$20 per 100

DRACAENA—KNERKII

2¼-inch pots.........................$20 per 100

DRACAENA SUPERBUS

2¼-inch pots.........................$20 per 100

PHOENIX ROEBELENII

10-inch and 12-inch tubs, specimen plants, $10, $12.50, $15 and $20 each

FICUS PANDURATA

6-inch pots, 2½ feet tall...............$2 each
7-inch pots, 3 feet tall.............$2.50 each
8-inch pots, 4 feet tall...............$3 each
10-inch and 11-inch tubs, 5 feet tall, $4 and $5 each
Branch plants, exceptionally fine, $2.50, $3, $3.50 and $4 each

PANDANUS VEITCHII

Well-colored plants.
4-inch pots...........$6 per doz.; $45 per 100
5-inch pots..........................$9 per doz.
6-inch pots.........................$12 per doz.
7-inch pots................$18 and $24 per doz.
8-inch pots..........$24, $30 and $36 per doz.

PANDANUS UTILIS

4-inch pots, strong plants.........$25 per 100
6-inch pots, strong plants..$50 and $75 per 100

FICUS UTILIS

6-inch pots, 24 inches tall..............$2 each
Larger plants.................$3, $4 and $5 each

FICUS CRAIGII

4-inch pots, 15 inches tall..........$35 per 100
6-inch pots, 18 inches to 24 inches tall, $6 to $9 per doz.

BERRIED AUCUBAS

8-inch, 10-inch and 11-inch tubs, $1.50, $2, $2.50 and $3 each

VARIEGATED AUCUBAS

Fine plants for boxes...............$35 per 100
7-inch and 8-inch pots, $75c, $1, $1.25 and $1.50 each

GARDENIA VEITCHII

2½-inch pots, heavy..$8 per 100; $75 per 1,000
4- inch pots, heavy.$20 per 100; $180 per 1,000
6- inch pots, heavy, in bud and flower, $9 per doz.
6- inch pots, heavy, in bud, will flower for Easter..........$12, $15 and $18 per doz.

CYCAS REVOLUTA LEAVES

Leaves, 36 to 42 inches long........$3 per pair
Specimen plants, in tubs, $20, $25, $35 and $50 each

ABIES NORDMANNIANA

7-inch and 8-inch, heavy, 75c, $1 and $1.25 each
Large tubs ....$2.50 each

NEPHROLEPIS SCHOLZELI

2¼-inch pots.........$6 per 100; $50 per 1,000
4- inch pots, heavy, $20 per 100; $180 per 1,000
6- inch pots, heavy, $6 per doz.; $45 per 100
8- inch, three-quarter pots, $12 per doz.; $90 per 100
11- inch tubs ....$24 and $30 per doz.

NEPHROLEPIS ELEGANTISSIMA IMPROVED

2¼-inch pots..........$6 per 100; $50 per 1,000
4- inch pots.........................$20 per 100
6- inch pots.................$6 and $9 per doz.
8- inch pots..............$12 and $15 per doz.
Larger plants......$2, $2.50, $3 and $3.50 each

NEPHROLEPIS TODEAOIDES

2¼-inch pots..........$5 per 100; $45 per 1,000
4- inch pots........$20 per 100; $180 per 1,000
6- inch pots.................$6 and $9 per doz.
8- inch pots........................$12 per doz.
9-inch and 10-inch tubs, $24, $30 and $36 per doz.

NEPHROLEPIS SMITHII

2¼-inch pots..........$8 per 100; $75 per 1,000
4- inch pots...............$20 and $25 per 100
6- inch pots..........................$6 per doz.

NEPHROLEPIS BOSTONIENSIS

2¼-inch pots........$6 per 100; $50 per 1,000
4- inch pots.......$20 per 100; $180 per 1,000
6- inch pots..........$6 per doz.; $45 per 100
6- inch pots, heavy..$9 per doz.; $70 per 100
8- inch pots.............$12 and $15 per doz.
11- inch tubs....$2, $2.50, $3, $4 and $5 each

NEPHROLEPIS ROBUSTA (New)

2¼-inch pots, strong plants, $8 per 100; $75 per 1,000
4- inch pots, strong plants, $20 per 100; $180 per 1,000
6- inch pots, strong plants, $50 and $75 per 100
8- inch pots, strong plants, $12 and $15 per doz.
11- inch tubs................$3 and $3.50 each

NEPHROLEPIS SCOTTII

2¼-inch pots........$5 per 100; $45 per 1,000
4- inch pots.......$20 per 100; $180 per 1,000
6- inch pots..........$6 per doz.; $45 per 100
8- inch, three-quarter pots, $12 per doz.; $90 per 100
11- inch tubs............$2, $2.50 and $3 each
13- inch tubs, specimens....$4, $5 and $6 each

NEPHROLEPIS ELEGANTISSIMA COMPACTA

2¼-inch pots..........$6 per 100; $50 per 1,000
4- inch pots.........................$20 per 100
6- inch pots..........................$6 per doz.
8- inch pots.........................$12 per doz.

"TEDDY JUNIOR"

Fine young plants, from 2¼-inch pots, $3 per doz.; $7 per 100; $60 per 1,000
6-inch pots.............$6 per doz.; $45 per 100

NEPHROLEPIS BOSTONIENSIS HARRISII

2¼-inch pots..........$6 per 100; $50 per 1,000
4- inch pots........$20 per 100; $180 per 1,000
6- inch pots...........$6 per doz.; $45 per 100
6- inch pots, heavy....$9 per doz.; $70 per 100
8- inch pots...............$12 and $15 per doz.

NEPHROLEPIS TUBEROSA PLUMOSA

2¼-inch pots..........$8 per 100; $75 per 1,000
4- inch pots.........................$20 per 100
6- inch pots.........................$50 per 100

ASPARAGUS PLUMOSUS NANUS

2¼-inch pots..........$4 per 100; $35 per 1,000
3- inch pots..........$7 per 100; $65 per 1,000
4- inch pots........$12 per 100; $110 per 1,000

ASPARAGUS LUTZI

4-inch pots, heavy, 60c each; $7.50 per doz.; $50 per 100
5-inch pots, heavy, $1.00 each; $10 per doz.; $75 per 100

ADIANTUM HYBRIDUM

2¼-inch pots.........$6 per 100; $50 per 1,000
3- inch pots........$10 per 100; $90 per 1,000
4- inch pots.........................$20 per 100
8- inch pots........................$12 per doz.
11- inch tubs.......................$24 per doz.

NEW SCARLET VERBENA—KARL MULLER

2½-inch pots..........$5 per 100; $40 per 1,000
3- inch pots..........$7 per 100; $60 per 1,000

PELARGONIUM—EASTER GREETING

4-inch pots..........$2.50 per doz.; $20 per 100
6-inch pots.............$5 per doz.; $40 per 100

ROBERT CRAIG COMPANY, 4900 MARKET STREET, BRANCH: NORWOOD, PA. **Philadelphia, Pa.**

Canna Roots

10,000 King Humbert, 2 to 4 eyes each, in perfect condition, at $2.00 per 100; $15.00 per 1000.

Also **Compte de Bouchard, David Harum, Egandale, Florence Vaughan, Gladiator, Mephisto, Niagara, Souv. d' A. Crozy, Venus, Wyoming, Yellow Crozy,** at $2.00 per 100; $15.00 per 1000.

Dahlia Roots

Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan.

The above are the best varieties for cut blooms Strong roots, strictly true to name, at

$3.00 per 100; $25.00 per 1000.

Not less than 25 of a variety at 100 rates. Lots of 500 or more, either of Cannas or Dahlias, made up in any way desired (but not less than 50 of a variety), at the 1000 rate. Packed free for cash with order.

J. T LOVETT, Little Silver, N. J.

Cannas

Dry bulbs, 1 to 3 eyes of Allemania, Burbank, Italia, Gray, Pennsylvania, Vaughan, Henderson, Patry, at $1.25 per 100.

Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.

Coleus, 10 varieties, April 1, 2½-in. pots, $2.00 per 100.

Alternantheras, red and yellow, April 1, $2.00 per 100.

Geraniums, S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

Pansy Plant, Giant flowering, transplanted plants, $1.50 per 100.

Petunias, from double seed, April 1st, $2.50 per 100.

— **CASH** —

Jos. H. Cunningham
DELAWARE, OHIO.

Lily of the Valley Pips

From Cold Storage.

2500 to case.......................... per 1000, $17.00
New crop, 1000 to case.............. per 1000, 16.00

ST. LOUIS SEED CO.
411-413 Washington St., St. Louis, Mo.

FOR SALE.

1000 Augusta and 2000 America Gladiolus Bulbs, flowering size, healthy stock, $20.00.

ARTHUR RUEFFER,
Care of H. Wehrmann,
Maywood, Ill.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white each, ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant — Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink, Lavender and White. Trade pkt. 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers very popular with florists. Trade pkt. 25c., ¼ oz. 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink, Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi-Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1.00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt. $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c Single striped and blotched, ¼ oz. 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c.

The Storrs & Harrison Co.
Painesville, Ohio.

Mention the American Florist when writing

FOR SALE **Rooted Chrysanthemums, Coleus, Smilax Clumps, Alternantheras and Madame Salleroi.** Would exchange for rose plants or rooted White Enchantress Carnation plants. Address

FAIRVIEW GREENHOUSES, BELVIDERE, ILL.

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

Mention the American Florist when writing.

CHAS. H. TOTTY
MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Mention the American Florist when writing.

DREER'S

Twelve Valuable Cut-Flower Dahlias

Cactus Dahlia Lawine

Candeur (Cactus). A wonderful pure white, which in the fully developed flower more closely resembles an incurved Chrysanthemum than any other sort.
Field roots, 15c each; $1.50 per doz.; $12.00 per 100.

Delice (Decorative). The most popular pink variety. Its beautiful soft, yet lively color, a glowing rose-pink, together with its perfect shape, stout, stiff stems, and the fact that when cut it retains its freshness for a long time, makes this one of the most valuable for cutting.
Field roots, 10c each; $1.00 per doz.; $8.00 per 100.

Flamingo (Decorative). As a cut flower this ranks in the same class with Delice, and it is the first of its type to flower, not only flowering early but continuously, and holding up in good shape to the end of the season. While it frequently shows an open center this rather adds to its attractiveness; in color it is a glowing rose-pink.
Field roots, 20c each; $2.00 per doz.; $15.00 per 100.

Galathea (Cactus). A medium-sized flower appreciated for its delicate color, which is an even, tender soft-pink.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Lawine (Cactus). White, with just a suggestion of blush as the flower matures; one of the best.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Mont Blanc (Decorative). The best all around white for cutting, flowers of good size, of good form, on good stems and very free flowering.
Field roots, 10c each; $1.00 per doz.; $8.00 per 100.

Miss Minnie McCullough (Decorative). One of the most popular autumn tints, rich bronze with yellow suffusion.
Field roots, 10c each; $1.00 per doz.; $8.00 per 100.

Mme. A. Lumiere (Decorative). Ground color white, suffused with red, the tips pointed with bright violet-red.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Nerthus (Cactus). Rich, glowing, bronzy, orange-yellow, passing to a carmine-rose at the tips, the whole suffused with a glowing, golden color.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Pink Pearl (Cactus). Mallow-pink at base of petal gradually shading to white at tips; a good flower.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Rheinkonig (Cactus). Pure snow white flowers of splendid form, 5 inches and over in diameter. These are of great substance, lasting splendidly when cut.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

Wodan (Cactus). Bold, large, but not coarse flower, frequently 7 inches in diameter, of a pleasing, delicate salmon-rose color, shading to old-gold in the center.
Field roots, 15c each; $1.50 per doz.; $10.00 per 100.

For the most up-to-date list of Dahlias, new and old, see Dreer's Garden Book for 1915. also our Current Wholesale Price List.

Henry A. Dreer, 714-716 Chestnut Street, Philadelphia, Pa.

The above Prices are intended for the trade only.

Mention the American Florist when writing.

Vaughan's Easter Stock

ROSES, HYDRANGEAS, RHODODENDRONS, DEUTZIAS and other seasonable stock.

Also, let us quote you on CANNAS, ROSES, CARNATIONS, etc., for Spring delivery. We have some rare bargains.

Write us at once.

CHICAGO **Vaughan's Seed Store** NEW YORK

Greenhouses, Western Springs, Ill.

Mention the American Florist when writing.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, March 16.—Mushrooms, 45 to 50 cents per pound; lettuce, 20 cents per box; radishes, 25 cents to 50 cents per dozen bunches; asparagus, $1.50 to $2.50 per dozen bunches; celery, 12 stalks, 15 cents to 25 cents; cucumbers, $1.25 to $1.50 per dozen.

New York, March 16.—Cucumbers, $1.25 to $1.50 per dozen; mushrooms, 90 cents to $1.60 per 4-pound basket; tomatoes, 15 cents to 25 cents per pound; radishes, per 100 bunches, $2.00 to $2.50; lettuce, per strap, 50 cents to $1.00.

History of Kalamazoo Celery.

The first man to raise celery on the low land near Kalamazoo was Ivan Van Haaften, who raised one-fourth of an acre on the suggestion of Thos. M. Cobb, representative of this district at that time. That was about the year 1867 or 1868. As Mr. Van Haaften could not sell the celery that fall, he did not raise any more until the year 1873. In the year 1871, L. De Bruin, a gardener of Kalamazoo, raised about one-half acre. This he sold to the hotels there. One year later John Schaal raised about one acre and he was the first man to ship celery out of that town. These first shipments went to a firm named Rice & Moore of Grand Rapids, Mich. In 1873 celery was shipped to other places nearby. In the meantime W. Den Adel came to Kalamazoo from the Netherlands, and a partnership was formed between Ivan Van Haaften, his son, Cornelius, and W. Den Adel. These men went into the celery business on a much larger scale and were the first to ship as far as New York and Philadelphia, Pa. After a few years this partnership was dissolved. Ivan Van Haaften and his two sons, Peter and Cornelius, continuing the business under the firm name of Van Haaften Gardening Co., under which name the two sons are still doing business.

It was no easy task to raise celery in those early years of the industry. The largest part of the land had to be worked with the spade, as no one would put their horses on this marsh land. A great deal of it was covered with wire grass, and unless the weather was dry, it was almost impossible to bring such land under cultivation. Oh! the backache we used to have after hoeing in that wiry stuff all day. We soon tired of this, so we got to work and made shoes for the horses. The first we made with a heavy leather top, but soon found that the leather stretched when wet. Then we put iron clamps over the top of the hoofs, the same as are used today. We were the first to use boards for blanching the celery. Today there are millions of feet of lumber used for this purpose, and there are also thousands of pairs of these marsh shoes made and used.

The first celery raised was the Large White Solid and Boston Market; then after a few years Peter Henderson introduced the Golden Dwarf, and a little later he also introduced the most profitable of all celery, the White Plume. The best variety for eating is the old Boston Market, or Giant Pascal, but as this kind is not very profitable, it is seldom raised now. Nearly all the celery shipped from Kalamazoo is of the golden self-blanching variety. Hundreds of carloads of this are shipped every year. It is a nice looking celery, but it is not in it with the old style celery for quality.

CORNELIUS VAN HAAFTEN.

Early Potato Planting.

Truck growers who annually plant a considerable acreage of potatoes are warned by the United States department of agriculture that there was, on January 1, 1915, a very much larger supply of northern-grown potatoes in the hands of growers and dealers than was the case January 1, 1914. Experience has demonstrated that a large hold-over crop of northern-grown potatoes which is in good condition and selling at a reasonable price when the early truck-crop potatoes reach the market means low prices—sometimes so low that the shipment of such crops nets a loss to the grower. Under such conditions a small acreage means a smaller loss than a large acreage.

With 43,000,000 more bushels of potatoes in sight January 1, 1915, than were available at the same time last year and with a 1915 price of 43.2 cents as compared with 66.2 cents a year ago, a price which under the then existing conditions did not improve before the truck crop began to move, there is little hope that the conditions will be better this year. The price now is just about 33 per cent less than it was a year ago. The distribution of the crop is much better than last season, so there is little likelihood that the price of hold-over stock will reach last year's mark even by the end of the storage period.

Nashville, Tenn.

STOCK PLENTIFUL AND TRADE GOOD.

The weather for the past two weeks has been ideal for the growers; cool, but with a bright sunshine that tempted everything to grow at its best, and the result has been beautiful flowers and plenty of them. Trade has held up remarkably well, and the supply has fully equaled the demand. Roses were never better and carnations are prime. Violets have been on in great abundance and are very large and fine. Pot plants, especially cyclamens, are abundant; azaleas, too, are fine and meet with a ready sale. Bulbous stock is plentiful and sells comparatively cheap.

NOTES.

The sudden death of Hon. H. C. Anderson, speaker of the state senate, of the legislature now in session, created a large demand for funeral flowers, and wagon loads were sent by sympathizing friends. The senate and house of representatives sent a very handsome pall, made by the Joy Floral Co. The governor and secretary of state sent a large anchor, and other beautiful designs were sent by state and city officials. The funeral was at Jackson, Tenn.

The growers in this locality seem satisfied for the present with their capacity, and there will be very little extension of glass this season. However, there will be a lot of remodeling and changing around so as to get more space. The supply grown in this city seems to be fully up to the demand, and there is invariably an abundant supply of the very best of flowers, so there is very little need for great extension for the present.

To promote a love of flowers, and also to make the city beautiful, there has been organized in this city the "Garden Club," which seems much interested in developments along this line. Window-box gardening seems to be a fad that is about to be promoted by all flower lovers to stimulate a love for flower culture among those who have few pleasures to brighten their lives.

The Joy Floral Company has had on sale very beautiful specimens of Scotch heather, which they have bloomed to perfection. The heather is not well enough known here, however, to have very much demand for it. A taste for it will have to be cultivated.

The McIntyre Floral Company is offering roses at one dollar per dozen and carnations at 50 cents. They have good flowers and a good trade.

All the growers say they will have a fine supply of flowers of all kinds for the Easter trade.

M. C. D.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark **American Spawn Co. St., Paul, Minn.**

ONION SETS

32 pounds to the bushel.

Crates 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our Onion Sets.

	½ pk.	Pk.	Bu.
Yellow Danvers Sets	$0.30	$0.50	$1.75
White Silver Skin	.30	.55	1.85
Red Wethersfield	.30	.50	1.75

J. BOLGIANO & SON, BALTIMORE, MD.

Almost 100 Years Established Trade.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

400,000 Rooted Carnation Cuttings

We have the following varieties in extra strong stock for **IMMEDIATE DELIVERY:**

	Per 100	Per 1000
Matchless (white)	$6 00	$50 00
White Wonder	4 00	25 00
White Enchantress	2 50	20 00
Shasta	2 50	20 00
Rose Pink Enchantress	2 50	20 00
Philadelphia (light pink)	6 00	50 00
Gloria (light pink)	$3 00	$25 00
Gloriosa "	2 50	20 00
Mrs. C. W. Ward (pink)	2 50	20 00
Northport (dark pink)	2 50	20 00
Peerless Pink "	6 00	50 00
Enchantress	2 50	20 00
Champion (scarlet)	$6 00	$50 00
Beacon "	3 00	25 00
Commodore "	2 50	20 00
The Herald "	2 50	20 00
Benora (variegated)	3 00	25 00
Conquest "	2 50	20 00

For list of **Chrysanthemum Rooted Cuttings,** see our advertisement in the Ready Reference Department.
Liberal discounts on large orders.

J. D THOMPSON CARNATION COMPANY, Joliet, Ill.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing.

Spring List Roses

Ferns, Plants, Vines, Bulbs, Etc.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

Mention the American Florist when writing.

250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000
White Enchantress	$2.00	$17.50
Pink Enchantress	2.00	17.50
Rose Pink Enchantress	2.00	17.50
Mrs. Ward (dark pink)	2.00	17.50
White Perfection	2.00	17.50
Herald (extra fine red)	$3.00	$27.50
Josie Merle (fine pink seedling)	3.00	25.00
Philadelphia	3.00	25.00
Washington	3.00	25.00

2½ inch Pots

Josie Merle $3.50 per 100; $30.00 per 1000
Philadelphia 4.00 per 100; 35.00 per 1000

ROSES

BENCH PLANTS

	Per 100	Per 1000
Killarney	$6.00	$50.00
Richmond	6.00	50.00
Milady	6.00	50.00
Maryland	$6 00	$50.00
Ward	6 00	50.00
Shawyer	6.00	50.00

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

Have Caught up and am Now Ten Days Ahead on Deliveries of

"ALICE" CARNATION CUTTINGS

Have over 50,000 in propagating benches and can make prompt shipments. **Don't miss** trying some of this **commercial** acquisition.

Prices to Trade only. Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

PETER FISHER, - Ellis, Mass.

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

DETROIT, MICH.—T. I. Ilgenfritz, of the Monroe Nursery Co., has been here recently forwarding plans for the entertainment to members of the American Association of Nurseryman, which meets here June 23-25.

LEXINGTON, KY.—Louis E. and Walter H. Hillenmeyer, nurserymen, have purchased the Old Commonwealth distillery plant and grounds of eight acres, and will remodel same into a storage warehouse for nursery stock.

BLOOMFIELD, IND., March 6.—County Agricultural Agent C. F. McIntosh has issued a call to all persons in Greene county who are interested in orchards to meet in his office in the court house March 15 to organize the Greene County Horticultural Society.

HOUSTON, TEX.—Application for the appointment of a receiver of the Henk Dirken Floral and Nursery Company was filed by J. C. Hutcheson in the sixty-first district court, February 23. The petition alleges that $526.71 is due on a lease entered into August 26, 1913, for the entire block 1, Main street addition, and that installments of rent have not been paid.

Nursery Stockholders Liable for Notes.

Dayton, O., March 10.—The state supreme court has affirmed Montgomery county common pleas court in a decision whereby stockholders in the Albaugh Nursery and Orchard Company are liable to the amount of $23,795.20 on notes held by the Fourth National bank of Dayton. This decision affects only about six of the stockholders who will be liable for nearly $8,000, the rest of the amount having been met by the other stockholders at the time the first decision was rendered.—Dayton Journal.

Rochester Park Commission.

FAMOUS BOARD WIPED OUT.

On Wednesday, March 4, Charles S. Whitman, governor of New York state, signed a bill which puts out of existence the Rochester board of park commissioners, and substitutes a commissioner of parks, who is to be appointed by the mayor.

The retiring body, which has toiled and fought for a quarter of a century, has placed the public gardens and parks of that city among the foremost of the world, both in point of beauty and recreational and health giving attributes, and made them the envy of older and much larger cities. As late as 1890 Rochester was, with the exception of a few inconsequential and neglected city squares, a parkless city. Today a great system of parks and an arboretum, at present covering 1,603 acres, bears witness to the service that the park commission has rendered to the "Flower City"; a service to the city of which citizens and commission may both be justly proud.

The relation of Dr. Charles Sprague Sargent, who for many years has been director of the Arnold Arboretum, Boston, Mass., to Rochester's parks has been fortunate, and with Superintendent of Parks Calvin C. Laney, and his capable assistant, John Dunbar, in cooperation with Chairman Wm. C. Barry, the Highland park arboretum and pinetum has grown to be a valued addition to the city's park system.

The retiring members of the commission are: Alexander B. Lamberton, who has been president of the board since 1904; William C. Barry, vice-president of the present board and a member of the first board; John E. Durand, treasurer of the commission during its whole history; Calvin C. Laney, whose term as superintendent has been continuous since 1899, he having been recommended for that position by Frederick Law Olmsted; John Dunbar, first assistant superintendent, who has been identified with Rochester's parks since 1891. He is widely known both in the United States and abroad for his knowledge, attainments and achievements as an arboriculturist. He has also served as president of the Rochester Florists' Club.

NELSON'S
Big Trees and Shrubs
Florists and gardeners desirous of pleasing their clients, will do well to send for our special price list of "Immediate Effect" nursery stock. We make a special discount to gardeners.
SWAIN, NELSON & SONS CO.
785 Marquette Bldg., Chicago.

Jackson & Perkins Company
NEWARK, NEW YORK
Wholesale growers for the trade—trees and plants of all kinds.
SEND FOR LIST.

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
BALTIMORE, MD.

500,000 California Privet

Two years, 2 to 3 ft., 5 to 8 branches, extra fine.....$19.00 per 1000
Two years, 2 to 3 ft., 3 to 6 branches ..... 15.00 per 1000
Two and three years, 3 to 4 ft., 6 to 12 branches, extra fine..... 25.00 per 1000
Bright, clean and handsome, with remarkable root system.

Amoor Privet. One year, 12 to 18 in., extra fine, $15.00 per 1000; two years, 1½ to 2 ft., $20.00 per 1000; two years, 2 to 3 ft., $30.00 per 1000.

Berberis Thunbergii. Two years, transplanted and stocky, 9 to 12 in., $4.50 per 100; $40.00 per 1000; and 12 to 18 in., $5.50 per 100; $50.00 per 1000.

Special rates on lots of 5000 or more. Contracts for California Privet in car lots for fall delivery solicited.

J. T. LOVETT, Little Silver, N. J.

BIG TREES

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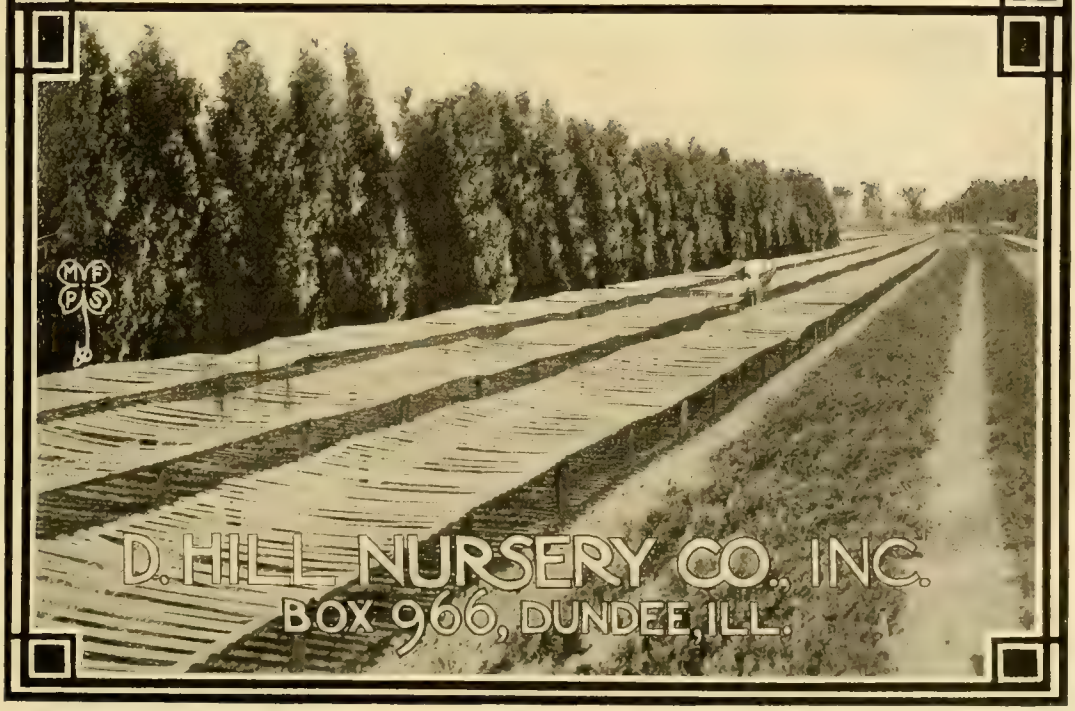

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3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
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Indica, 5 to 8-in. pots, all sizes and varieties ..... $9, $12, $18 and $24 per doz.
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Blooms and buds ..... $10 and $12 per hundred.

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In varieties as Souv. de Chardtard, General de Vibraye, Radiant, Bouquet Rose, La France, Mme. Moulliere, Avalanche, Mont Rose, in 5, 5½, 6, 6½, 7 and 8-in. pots ..... 50c, 75c, $1, $1.50, $2 and $3 each.
Larger plants in varieties ..... $4 and $5 each.

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Tied into shapes of crowns and baskets.

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Crimson Rambler, 6½, 7 and 8-in. pots ..... $1.50, $2 and $2.50 each.
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Flower of Fairfield, 6½, 7, 8, and 9-in. pots ..... 75c, $1, $1.50, $2, $2.50 and $3 each.

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Erica Melanthera, 75c, $1.00 $1.25 each.
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Genistas, 50c, 75c; and specimen, $3.50, $5.00, $6.00 each.
Hydrangea Otaksa, 50c, 75c, $1.00, $1.25, $1.50, $2.00, $2.50 to $5.00 each.
Hydrangea Otaksa, new French variety, 75c, $1.00, $1.50, $2.00, $2.50 each.
Hydrangea Otaksa, white, 50c, 75c, $1.00, $1.25, $1.50 $2.00, $3.00 each.
Marguerites, 50c, 75c, $1.00, $1.25, $2.00, $2.50 each.

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Excelsa, crimson, $1.00, $1.25, $1.50, $2.00, $2.50, $3.00 $4.00 each.
Crimson Baby Rambler, 50c, 75c each.
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White Baby Rambler, 50c, 75c each.
Dorothy Perkins, $1.25, $1.50, $2.00, $3.00, $4.00, $5.00 each.
Hiawatha, $1.25, $1.50, $2.00, $3.00, $4.00, $5.00 each.
Tausendschon, $1.00, $1.25, $1.50, $2.00, $3.00, $4.00, $5.00 each.

The above will be in the best possible condition for Easter. Greenhouses: 40 minutes from North Station, Boston. Come and see our stock.

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Scholzeli and **Scottii Ferns,** 2¼-in. pots, $5.00 per 100.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Begonias, Tuberous Rooted, Single, seperate colors, $3.00 per 100.
" " " " mixed colors, $2.25 per 100.
" " " Double, separate colors, $4.50 per 100.
" " " " mixed colors, $4.00 per 100.
" " " Single Frilled, separate colors, $7.00 per 100.
English Ivy, 4-in. pot plants, 3 ft. tops, $12.00 per 100.
" " 3-in. pot plants, 2 ft. tops, $9.00 per 100.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Gloxinias, separate colors, $4.00 per 100.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Pelargoniums, 3-in. pot plants, 10 varieties, $10 00 per 100.
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Enchantress	3 00	25 00
Gloriosa	3 00	25 00
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Schenectady, N. Y.

CLUB MEETING.

Schenectady has a florists' club. Eight persons interested in the trade met formally on the evening of March 10 in the Rosendale Flower Shop, 126 Jay street, Schenectady, and discussed the subject of organization upon the suggestion of the proprietor, G. E. Kopper. It was decided to choose officers, and Marvin P. Champlin of 220 Nott terrace was elected president and G. E. Kopper, vice president. Mr. Burkhart, a clerk in Mr. Kopper's store, was chosen secretary. The club will meet regularly the second Monday evening of each month. Following the meeting refreshments were served and a social time enjoyed. John C. Gorman, of Lord & Burnham Co.'s traveling force, was present at the meeting and was made a charter member.

Announcement is made by the state conservation commission of a bargain in trees for state municipalities to encourage reforestration. The commission will supply trees at 50 cents a thousand to cities, towns, counties, school districts and institutions supported by charity within the state. The commission's foresters are ready to cooperate with the communities and institutions in the planting in conformity with the rules and regulations of the commission. The low price and offer of co-operation are made to encourage the reforestration of tracts good for no other purpose.

G. E. Kopper is planning to build a propagating house at his establishment, Rosendale Nursery, Rosendale road, this spring. The structure will be 10 feet by 150 feet, and will connect two other greenhouses. R. D.

Reading, Pa.

The florists' association held its monthly meeting Thursday evening, March 4, in the Moore building. Regular routine business was transacted and Frederick Miller, of Norristown, was elected to the membership of the association. Plans were discussed for the annual banquet that will be held April 8 at the Berkshire hotel. The following committee was appointed to make arrangements for the affair: Stanley Giles, Harry Huesman, Fulmer Laucher, Fred Franks and William Kern. The following were appointed as decoration committee: Stanley Giles, Marry Huesman and Harry Heck. T.

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Boxwood, Bush shape, 12-in..... 25c
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Pyramids, 36-in.....$1.75
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" 48 in..... 3.25

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Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei, 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.

Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped, $1.50 each.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

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Pyramids, 2 -ft.....$1.00 each
Pyramids, 2½-ft..... 1.50 each
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Pyramids, 3½,ft..... 2.50 each
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Globes, 14x14 in..... 3.00 each
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Nice Bushes, 15-in.....35c each

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2½ in.	**Asparagus Sprengeri**	2.50	22.50
4 in.	**Asparagus Sprengeri**	6.50	60.00
2¼ in.	**Abutilons,** 8 varieties	3.00	25.00
3½ in.	**Begonia,** flowering in bloom	8.00	75.00
3½ in.	**Cinerarias,** choice mixed	6.50	60.00
3 in.	**Cyclamens,** ass't varieties	8.50	80.00
2¼ in.	**Fuchsias,** 15 choice varieties	3.00	25.00
2¼ in.	**Heliotropes,** 3 varieties	3.00	25.00
2½ in.	**Marguerites,** white and yellow.	2.75	25.00
2½ in.	**Marguerite** Mrs. Sanders	3.00	28.00
4 in.	**Primula Obconica,** in bud and bloom	7.50	70.00
3 in.	**Primula Obconica,** in bud and bloom	4.00	38.00
3½ in.	**Vinca Variegata**	6.50	60.00

5 and 6 in. **Dracaena Indivisa,** 20c and 25c each.

Geraniums, 2 and 2¼ in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, etc., $2.50 per 100; $20.00 per 1000.

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25,000 Amelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

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NELROSE, the new perpetual-flowering variety. Famous in America and Europe. Plants, $6 per 100; $50 per 1,000. Seed, $1 per trade packet. F. W. FLETCHER, Originator, Auburndale, Boston, Mass.

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Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias $1 each and up. C. H. Frey, 1133 O St., Lincoln, Neb.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

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ASPARAGUS PLUMOSUS NANUS — Good, strong, healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, 3, 4 and 5-in., 7c, 15c and 35c each. Sprengeri, 2½-in., 3, 4 and 5-in., 4c, 6c 15c and 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

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Asparagus plumosus, $25 per 1,000. Albert M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2½-inch, $2 per 100, $5 per 300. J. C. Schmidt, Bristol, Pa.

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Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 in., $1.50 each. The Storrs & Harrison Co., Painesville, O.

Azaleas, all colors, $1 to $1.50. C. H. Frey, 1133 O St., Lincoln, Neb.

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Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

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REGONIA ERFORDII, strong transplanted seedlings, 75c per 100; prepaid. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

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Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOXWOOD.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in. $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Caladium esculentum, 5-7-inch, $1.75 per 100; $15 per 1000; 7-9-inch, $3.50 per 100; $30 per 1000; 9-11-inch, $6 per 100; $55 per 1000; 12-inch and up, $14 per 100; $125 per 1000. Begonias, tuberous rooted, single separate colors, $2.50 per 100; $20 per 1000; mixed, $2 per 100; $18 per 1000; double separate colors, $3.50 per 100; $30 per 1000; mixed, $3 per 100; $28 per 1000. Tuberoses: True dwarf Pearl, 1st size, 4-6-inch, $10 per 1000; medium, 3-4-inch, $5; Cold storage lilies, giganteum, 7-9-inch, 300 to case, $16 per case; 8-10-inch, 225 to case, $16 per case; 9-10-inch, 200 to case, $20 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, begonias, tuberous rooted, single in five separate colors, 50c per doz.; $3 per 100; double in five separate colors, 60c per doz.; $4.50 per 100. Caladiums (Elephant's ear) 5-7-inch, $2 per 100; $18 per 1,000; 7-9-inch, $3 per 100; 9-11-inch, $6 per 100; 12-inch up, $12 per 100. Tuberoses, 1st size, $1 per 100; $9 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Canna roots, King Humbert, 2 to 4 eyes each, $2 per 100; $15 per 1000. Compte de Bouchard, David Harrum, Egandale, Florence Vaughan, Gladiator, Mephisto, Niagara, Souv. d. A. Crozy, Venus, Wyoming, Yellow Crozy, $2 per 100; $15 per 1000. J. T. Lovett, Little Silver, N. J.

CANNAS, Strong plump, 2 and 3-eye roots of Pennsylvania, Burbank, Crozy, Wyoming, Pres. Cleveland, David Harum, etc., $1.50 per 100. Cash. W. H. Culp & Co., Wichita, Kansas.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, dry bulbs, 1 to 3 eyes, Allemania, Burbank, Italia, Gray, Pennsylvania, Vaughan, Henderson, Patry, $1.25 per 100. Jos. H. Cunningham, Delaware, O.

Cannas, 2 to 3 eye roots: Florence Vaughan, Chas. Henderson, Mme. Crozy, Pennsylvania, $2.50 per 100. King Humbert, $3.50 per 100. A. Henderson & Co., 369 River St., Chicago.

CANNAS, standard varieties divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Vaughan's Firebird, 3-inch, dozen, $6.50; 25 for $12.50. Vaughan's Seen Store, Chicago and New York.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

CARNATIONS.

STOP! LOOK! READ!

For immediate delivery.

FINE CARNATIONS FROM SOIL.

As we shall grow Roses more extensively this year we are cutting down on our Carnation growing. This being the case, we have a surplus of some very choice carnation stock to offer; stock offered is what we had intended to grow ourselves, for with the careful culture given them they have been worked up to large, healthy plants and as such we guarantee that you will find them REAL LIVE VALUES, so here is your chance to secure choice stock at prices no higher than others, but of a quality far superior.

		100.	1,000.
1,000	Champion Red	$6.00	$50.00
1,500	Joy "	4.00	30.00
8,000	Victory "	3.00	25.00
2,500	Matchless, White	6.00	50.00
1,500	White Wonder "	4.00	35.00
4,000	Perfection "	3.00	25.00
1,500	Philadelphia Pink	5.00	40.00
1,000	Rosette, Dark "	3.00	25.00
6,000	Afterglow, Dk. "	4.00	35.00

J. A. BUDLONG.,
82-84 E. Randolph, Chicago.

Carnation Alice, $12 per 100; $100 per 1,000. Peter Fisher, Ellis, Mass.

Carnations. Wood Bros., Fishkill, N. Y.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

400,000 ROOTED CARNATION CUTTINGS.

We have the following varieties in extra strong stock for IMMEDIATE DELIVERY:

	Per 100	Per 1000
Matchless (white)	$6.00	$50.00
White Wonder	3.00	25.00
White Enchantress	2.50	20.00
Shasta (white)	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Philadelphia (light pink)	6.00	50.00
Gloria (light pink)	3.00	25.00
Gloriosa (light pink)	2.50	20.00
Mrs. C. W. Ward (pink)	2.50	20.00
Northport (dark pink)	2.50	20.00
Peerless Pink (dark pink)	6.00	50.00
Enchantress	2.50	20.00
Champion (scarlet)	6.00	50.00
Beacon (scarlet)	3.00	25.00
Commodore	2.50	20.00
The Herald	2.50	20.00
Benora (variegated)	3.00	25.00
Conquest (variegated)	2.50	20.00

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.

162 N. Wabash Ave. Chicago.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.

56 East Randolph St. Chicago, Ill.

Carnations, White Enchantress, Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1000. Herald, $3 per 100; $27.50 per 1000. Josie Merle, Philadelphia, Washington, $3 per 100; $25 per 1000. 2½-inch pots: Josie Merle, $3.50 per 100; $30 per 1000. Philadelphia, $4 per 100; $35 per 1000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations, R. C., Champion, $6 per 100; $50 per 1000. Philadelphia, $6 per 100; $50 per 1000. Scarlet Glow, $25 per 1000. Georgeous, $5 per 100; $40 per 1000. Beacon, $25 per 1000. 2½-inch: Winsor, $30 per 1000; Philadelphia, $35; Enchantress, $35; Champion, $65; Georgeous, $55; Scarlet Glow, $35; C. W. Ward, $35. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder, White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1000. Herald, Philadelphia, $4 per 100; $35 per 1,000. Vaughan's Seed Store, Chicago and New York.

CHRYSANTHEMUMS.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

WHITE.

	Per 100	Per 1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00

YELLOW.

Golden Glow	2.00	15.00
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Yellow Eaton	2.00	15.00
Nagoya	2.50	20.00

PINK.

Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
Chieftain	3.50	30.00

CRIMSON.

Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

ROOTED CHRYTHEMUM CUTTINGS.
March Delivery.

WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100; PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.

Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.

A. HENDERSON & CO.,
369 River Street, Chicago, Ill.

Chrysanthemum cuttings, Chadwick Improved, $3 per 100; $25 per 1,000. W. H. and Golden Chadwick, Chrysolora, Maj. Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall, Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons: Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. Morris Floral Co., Morris, Ill.

CHRYSANTHEMUMS. R. C.: Smith's Advance, Unaka, Chrysolora, Chadwick Supreme, Golden Glow, Golden Wedding, Jeanne Nonin and other standard varieties. Also pompons, singles and anemones, $1.50 per 100; $12.50 per 1,000. Send for complete list. CRABB & HUNTER FLORAL CO., Grand Rapids, Mich.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, rooted cuttings, 60c per 100; 2-in. pots, $1.50 per 100. New Haven Floral Co., New Haven, Ind.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1000; $2.50 per 100; 500 at 1000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Cyclamen in bloom, 5-in., 35c; 6-in., 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

Dahlias, tweve valuable cut flower varieties. For prices see advertisement elsewhere in this issue. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1000. J. T. Lovett, Little Silver, N. J.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DEUTZIAS.

Deutzea gracilis, 50c to 75c each. C. H. Frey, 1133 O St., Lincoln, Neb.

DRACAENAS.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EASTER PLANTS.

BLOOMING PLANTS.
Ready now and for Easter.

Azaleas, in bud, 75c to $3.00 each.
Primula, 3-in., 5c and 6c; 4-in., 10c and 15c.
Spiræas, 35c and 50c.
Lilies, 8c, 10c and 12c per bud.
Hyacinths, all colors, single, 3 and more in pot, 5c and 10c; boxes with 10 to 12 hyacinths, $1.00 each.
Tulips, 3c and 4c.
Cash, please.
ERNEST ROBER, Wilmette, Ill.

Easter plants: Azaleas, all sizes from 75c to $3; specimens, $3.50 to $8 each; Mme. Van der Cruyssen, Empress of India, Schryveriana, Empereur du Bresil, Prof. Wolters, Niobe, also Blushing Bride, $1.25 to $2 each. Hydrangeas Otaksa and French, 50c to $1.50 each. Baby Rambler and H. P. roses, 50c to $1 each, in bloom. Hyacinths, in pots, pans and boxes, 8c per bulb. Single hyacinths, 4-in. pots, 10c. 40,000 lily plants, plants have 5 or more flowers to pot, $100 per 1000 buds or blooms; 3 or 4 blooms to pot, $110 per 1000 buds or blooms. Poehlmann Bros. Co., Morton Grove, Ill.

Easter plants: Hydrangeas, 50c to $5 each. Roses: Dorothy Perkins, $1.50 to $7 each; Excelsa, $2 to $7; Hiawatha, $2 up; Crimson Rambler, $1.50 to $2.50 each; Rubin, $1.50 to $3; Tausendschon, $1.50 to $3 each; Flower of Fairfield, 75c to $3 each. Daisies: $1 to $6 each. Azaleas, Indica, $9 to $24 per doz.; Blushing Bride, Daybreak, Elsa Roelker, Lady Roosevelt, $1.50 to $3.50 each. Easter lilies, bloom and buds, $10 and $12 per 100. Anton Schultheis, 316 19th St., College Point, N. Y.

Easter plants: Acacia Paradoxa, $2 to $6 each. Bougainvillea, $1 to $5 each. Ericas, 50c to $1.50 each. Genistas, 50c to $6 each. Hydrangea Otaksa, 50c to $5 each; French varieties, 75c to $2.50 each. Marguerites, 50c to $2.50 each. Roses: Excelsa, $1 to $4 each; Crimson Rambler, 50c and 75c each; Pink Rambler, 50c to 75c each; White Rambler, 50c and 75c each. Dorothy Perkins, $1.25 to $5 each. Hiawatha, $1.25 to $5 each; Tausendschon, $1 to $5 each. Thomas Roland, Nahant, Mass.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Easter plants: Genistas, 25c to $1 each. Spireas, pink or white, 40c and 50c each. Hyacinths, 10c to 50c each. Tulips, 25c to 50c each. Daffodils, 20c to 35c each. Roses: Baby Rambler, 40c, 50c and 75c each; Tausendschon, 40c, 50c and 75c each; Erna Teschendorff, 40c, 50c and 75c each; Ellen Paulsen, 50c and 75c each. Easter lilies, $15 per 100 buds and blooms, $125 per 1000 buds and blooms. Azaleas: Van der Cruysen, Empress of India, Niobe, Prof. Wolters, Simon Mardner, Vervæneana, $1, $1.25, $1.50 and $2 each. Rhododendrons, $1 to $2 each; specimens, $6. Holton & Hunkel Co., Milwaukee, Wis.

Easter plants: Lilies, rhododendrons, hydrangeas, roses, Spirea Gladstone and Queen Alexandra, genistas, marguerites, azaleas, lily of the valley, dracænas, palms, ficus, pandanus, berried aucubas, Gardenia Veitchii, ferns, all kinds; asparagus. For varieties and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia.

Easter plants: Lilies, azaleas, hydrangeas, spireas, cinerarias, begonias, primula, hyacinths, tulips, daffodils, ferns, araucarias, dracænas, palms, asparagus, ficus, etc. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Easter plants: Roses, hydrangeas, rhododendrons, deutzias, and other seasonable stock. Vaughan's Seed Store, Chicago and New York.

FERNS.

Boston ferns, 2-in. .... $3.00 per 100
Boston ferns, 3-in. .... 6.00 per 100

Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100.

Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.
ERNEST ROBER, WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotuim Schiedel, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

BOSTON and HARRISII FERNS, strong, 2½-inch, $3.50 per 100; $30 per 1,000; 2-inch, $3 per 100; $25 per 1,000. BOSTON WHITMANI FERNS, 5, 6 and 7-inch, 25c, 40c and 60c. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Ferns, Boston, 2¼-in., $4 per 100; $35 per 1000. Teddy Jr., fern, 2¼-in., $6 per 100; $60 per 1000. Scholzelii and Scottii, 2¼-in., $5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns, Boston, 4, 5 and 6-in., 15c, 30c and 40c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Rubbers, 5 and 6-in., 35c to 50c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

FUCHSIAS, good assortment, strong rooted cuttings ready now, $1 per 100; prepaid. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

Extra fine lot of 2-inch GERANIUMS ready for immediate shipment: Nutt, Buchner, $18 per 1,000. Ricard, Mme. Barney, Henderson and Anna Vincent, $22 per 1,000. Heliotrope, double petunias, $18 per 1,000. Cash with order. Cherry Park Gardens, Fredonia, N. Y.

GERANIUMS, Mme. Buchner and Castellane, extra strong 2½-in., $3 per 100; $25 per 1,000. CRABB & HUNTER FLORAL CO., Grand Rapids, Mich.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and four other varieties, 2½-inch pots, $3 per 100; $25 per 1,000. Joseph H. Cunningham, Delaware, O.

Geraniums, 2 and 2¼-in. pots, Nutt, Ricard, Poitevine, Viaud, Henderson, Buchner, etc., $2.50 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 3 and 4-inch, 7c and 10c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Lady Washington, strong 4-inch stock, best varieties, 12¼c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, March 29 to Apr. 15, S. A. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

GLADIOLUS.

GLADIOLI SPECIAL.

Fill your empty benches now with gladioli, G. & R. own home grown.

America, Augusta, Mrs. Francis King, the forcing varieties, first size, 1¼-in. up, 80c per 100, $7.50 per 1000; in lots of 5000, $7.00 per 1000.

PINK BEAUTY, the early garden variety, in bloom two weeks before the others, first size, 1¼-in. up, $6.00 per 1000.

PRINCEPS, amaryllis-flowered gladiolus, first size, 1-in. up, 80c per 100; $7.50 per 1000.

Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Gladiolus, Hyde Park, 1st size, $60 per 1000. Mrs. Francis King, 1st size, $9 per 1000; medium size, $7. Augusta, 1st size, $12 per 1000; medium size, $10. America, 1st size, $12 per 1000; medium size, $10. Princeps, $30 per 1000. Florist's XXX (light colors), $15 per 1000. Scarlet and red shades, $11; Pink shades, $16; Striped shades, $22; Yellow shades, $27.50. Vaughan's Seed Store, Chicago and New York.

America, 1¾-2-inch, $6 per 1,000; America, 1¼-1¾-inch, $4 per 1,000. Baron Hulot, 1½ and over, $12 per 1,000. Halley, 1¾ and over, $14 per 1,000. Panama, 1-1¼-inch, $12 per 1,000. LECHNER BROS., WEBSTER GROVES, MO. Agents for The Growers Association, Anna Paulowna, Holland.

Mrs. King, No. 1, $7 per 1000; No. 2, $5. America, No. 1, $6; No. 2, $5. Bulblets, $10 per bushel. You can pay more, but you can't get better at any price. I want room and cash. GEO. S. WOODRUFF, Independence, Iowa.

1,000 Augusta and 2,000 America gladiolus bulbs, flowering size, $20. Arthur Rueffer, in care of H. Wehrman, Maywood, Ill.

GLADIOLUS BULBS, sixty named varieties. Send for whole Price List. MELROSE BULB IMPORTING CO., A. F. 5, Melrose, Mass.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, R. C., Centefleur, Picciola, Poitevine, Diadem, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

HYDRANGEAS.

Hydrangeas, new French, 6-inch pots, 3 to 6 heads, 50c to $1 each. C. H. Frey, 1133 O St., Lincoln, Neb.

Hydrangea Otaka, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaka, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

GERMAN IVY, R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

ENGLISH IVY, extra strong R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

English ivy, 4-in., 3 ft., $12 per 100; 3-in., 2 ft., $9 per 100. The Storrs & Harrison Co., Painesville, Ohio.

LANTANAS.

LANTANAS, 2-inch, 6 varieties, 3c. MEMPHIS FLORAL CO., Memphis, Tenn.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILIES.

Easter lilies, 10 to 12 ins. above pots, 3 to 6 buds, 10c per bud; 12 to 18 ins., 12c per bud; 20 to 30 ins., 15c per bud. C. H. Frey, 1133 O St., Lincoln, Neb.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley pips, per 1,000 from $12 to $16. Chas. Schwake & Co., Inc., 90-92 W. Broadway, New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

Lily of the valley, Chicago Market Brand, best valley in existence, giving the best results all year around, $15 per 1,000; $8 per 500; $4.50 per 250; $2 per 100. Florist Money Maker Brand, best Valley at moderate prices. $13 per 1,000; $7 per 500; $4 per 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley, cold storage, extra select, very best, $2 per 100; $15 per 1,000; Hamburg, $1.50 per 100; $12 per 1,000. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Lily of the valley pips, from cold storage, 2,500 to case, $17 per 1,000; new crop, 1,000 to case, $16 per 1,000. St. Louis Seed Co., 411 Washington St., St. Louis, Mo.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST., CINCINNATI, O.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Big trees. We have the following in 3-4 and 4-5-in. caliber; American ash, white birch, catalpas, elms, lindens, maples, oaks, Carolina poplars, Lombardy poplars, sweet gums and tulips, Norway spruce. Choice assortment of imported evergreens. The Rakestraw-Pyle Co., Kennett Square, Pa.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ONION SETS.

ONION SETS, 32 pounds to the bushel. Crates, 1 bu., 15c; 2 bu., 25c; 2 bu. sacks, 10c. We reclean, hand pick and guarantee sound all our onion sets. Yellow Danvers sets, ½ pk., 30c; pk., 50c; bu., $1.75. White Silver Skin, ½ pk., 30c; pk., 55c; bu., $1.85. Red Wethersfield, ½ pk., 30c; pk., 50c; bu., $1.75. J. Bolgiano & Son, Baltimore, Md. Almost 100 years' established trade.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Palms, Kentias, 20 to 24 inches above pot, 50c each; 28 to 30 inches above pot, $1 each; 30 to 36 inches above pot, $1.75 each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cocos Weddelliana, 2-in., $1.50 per doz.; $10 per 100; $90 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Belmoreana. McHutchison & Co., 17 Murray St., New York.

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It may be to your interest to build now, even if the market has not been fully what could have been expected. Write us for sketches and estimates, and let us prove to you that you can erect **first-class, up-to-date houses,** without paying a price so high that the interest on the outlay would consume too large a part of your returns.

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GREENHOUSE MATERIAL HOTBED SASH

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

125,000 PANSIES, Romer's Prize Winners (Germany). A grand collection, extra strong plants; worth more money, 50c per 100; $3.50 per 1,000, prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

225,000 large stocky (September transplanted) field-grown blooming PANSY PLANTS. Henry Mette's strain; all salable stock. Satisfaction guaranteed, $1 per 100; $10 per 1000. Cash. Ready about April 1. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS from cold frame coming in bud and bloom. From Danish seed, $1 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Large flowering pansy in bloom and bud; fine stocky transplanted plants, 75c per 100; $7 per 1000. Gus SCHLEGEL, Olney, Ill.

Pansy plants, giant flowering, transplanted, $1.50 per 100. Jos. H. Cunningham, Delaware, O.

Pansies, $2.50 per 1,000; 5,000 for $10. Elmer Rawlings, Olean, N. Y.

PERENNIALS.

REMEMBER. If it's a Hardy Perennial or so called old Fashion Flower worth growing, we have it in one shape and another the year around. We have the largest stock in this country, all made in America, and our prices will average 75c per doz.; $5.50 per 100. Why say more here? Send for our Wholesale Price List of varieties and benefit from the opportunities this notice affords you. Address,
R. W. CLUCAS, Mgr.,
Palisades Nurseries, Inc., Sparkill, N. Y.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Primula obconica, in bud and bloom, 4-in., $7.50 per 100; $70 per 1,000; 3-in., $4 per 100; $38 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, Dreer's Snow Ball, 3-in., 85c per doz.; $6 per 100. Henry A. Dreer, 714-716 Chestnut St., Philadelphia.

Petunias, from dbl. seed, $2.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULAS.

Primula obconica, 4-in., 15c; 5-in., 25c each. C. H. Frey, 1133 O St., Lincoln, Neb.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

Privet, California, 2-year, 2 to 3 ft., 5 to 8 branches, $10 per 1000; 2-year, 2 to 3 ft., 3 to 6 branches, $15 per 1000; 2 and 3-year, 3 to 4 ft., 6 to 12 branches, extra fine, $25 per 1000. Amoor, 1-year, 12 to 18 ins., $15 per 1000; 2-year, 1½ to 2 ft., $20 per 1000; 2-year, 2 to 3 ft., $30 per 1000. Berberis Thunbergi, 2-year, transplanted, 9 to 12 ins., $4.50 per 100; $40 per 1000; 12 to 18 ins., $5.50 per 100; $50 per 1000. J. T. Lovett, Little Silver, N. J.

200,000 CALIFORNIA PRIVET all sizes, 12 to 18, 18 to 24, 24 to 30 at $12, $15 and $20 per 1,000; fine stock. 50,000 SHRUBS and VINES low. Get trade list. 1,000,000 frost proof cabbage plants now ready. BENJ. CONNELL, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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ROSES.
Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

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MADISON. NEW JERSEY.

ROSE PLANTS.
Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00

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162 North Wabash Ave., CHICAGO

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, R. C., Zurich, Bonfire, Chretien, Lord Fauntleroy Silver Spot, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

SALVIA BONFIRE, strong, R. C., 75c per 100, prepaid. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

SANTOLINAS.

SANTOLINAS, 2¼-in., $20 per 1,000. CRABB & HUNTER FLORAL CO., Grand Rapids, Mich.

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PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Ginseng, $1 1,000. Specialty Farm, Rockford, Minn.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

TRITOMAS.

Tritoma Pfitzeri, strong crowns. Write for prices. Thomas J. Oberlin, Sinking Spring, Pa.

VINCAS.

10,000 3-inch Variegated Vincas, extra fine, $5 per 100. 15,000 fall struck cuttings, $1 per 100; $9 per 1000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

TO EXCHANGE.

To exchange—chrysanthemums, coleus, smilax clumps, alternantheras and Mme. Salleroi to exchange for rose plants or rooted White Enchantress Carnations. Fairview Greenhouses, Belvidere, Ill.

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SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.
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Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. N. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

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The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Sterling Iron Reservoir Vases. Place your orders early. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Ornamental iron work. The Van Dorn Iron Works Co., Cleveland, O.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

Florists' Wire Work at lowest prices. Komada Bros., 1008 Vine St., Philadelphia, Pa.

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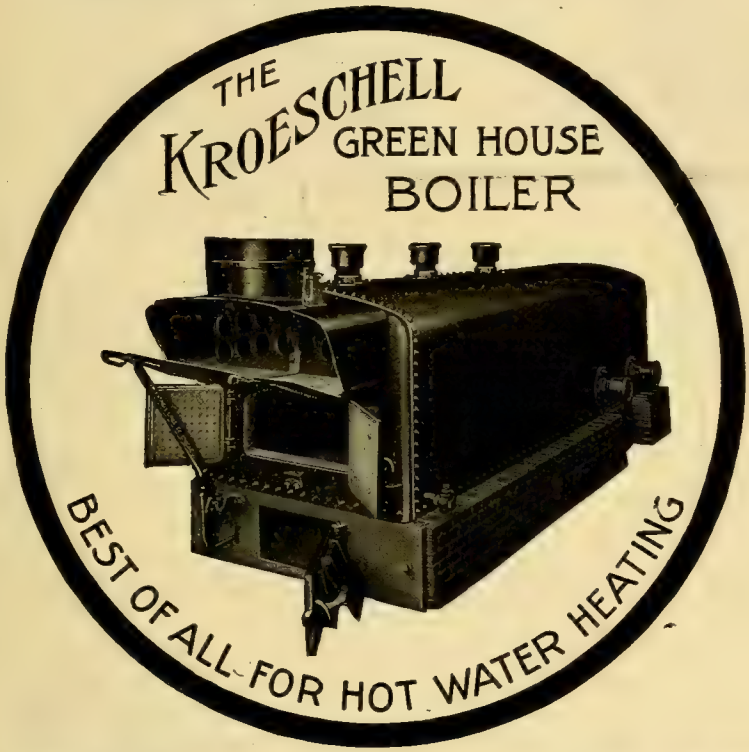
CAST IRON BOILERS—FOOL ECONOMY (false ratings, fuel waste, danger of breakdowns, dealers' profits), or
KROESCHELL BOILERS—FUEL ECONOMY (honest ratings, safety, quick heat, no boiler pits, no dealers' profits.



KROESCHELL BROS. CO., 452 W. Erie Street, CHICAGO, ILL.

WHAT THE USERS SAY
—ABOUT—
KROESCHELL BOILERS

Cast Iron Boiler Cracked in Two Years.

We have a No. 4 Kroeschell Boiler. It takes care of 7000 sq. ft. of glass; it would take care of twice that amount.
I first had a new cast iron boiler which lasted two years when it cracked to pieces. The second was a second-hand boiler.
I consider your boiler the best paying investment I ever made.
You can refer anyone to us.
MARYSVILLE FLORAL CO., Marysville, Ohio.

Cast Iron Cannot Be Compared with Kroeschell.

We bought a No. 2 Boiler in 1904. It takes care of 5000 sq. ft. of glass, and we could add 2000 more. We are very well satisfied. **We used a cast iron boiler before we had yours. It cannot be compared with the Kroeschell Boiler.** Your boiler has certainly a great capacity for heating water.
HALL & ROBINSON, Montreal, Canada.

Kroeschell Better than Cast Iron.

I bought a No. 6 Boiler in 1903. I now have 10,000 sq. ft. of glass, and we could add 3300 more. **This is ahead of five or six cast iron boilers** which I have used. **I saved $50 per season** on the coal bill.
M. C. WARD, Quincy, Mass.

I bought a No. 4 Boiler in 1902. Have 7000 sq. ft. of glass; could add 200 more. It is perfectly satisfactory. Would keep only Kroeschell Boiler. **Would not have a cast iron boiler for a gift.** GEO. ENGEL, Xenia, Ohio.

Mr. Engel has increased his plant and ordered another No. 4 Kroeschell.

Ft. Wayne, Ind.

GOOD DEMAND ABSORBS HEAVY SUPPLY.

Business during the past week has been very good, and the supply has been much better than previous, during the weeks of March, owing to the sunshine every day and the atmosphere of spring that has generally prevailed. The current week promises more social activity, although the demand during the past week moved off a quantity of flowers in funeral work. Roses and carnations were cleaned out to a great extent, especially in the shorter lengths, as the short-stemmed flowers work up well in designs. Carnations have increased in numbers and bring $3 per hundred. Roses are more plentiful than a week ago. Killarneys are the bulk of the rose supply, although Ophelia, Hillingdon and Shawyer are showing up well. Sweet peas arrive in large quantities. Violets find comparatively few calls. Bulbous stock is slow in demand, especially Dutch hyacinths, Romans and Paper Whites. The Easter stock looks very promising, and from the outlook there will be plenty of demand.

NOTES.

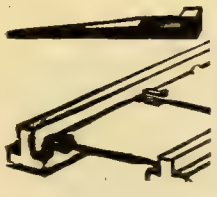
A. J. Lanternier & Sons in Walton avenue are busy preparing for Easter. Their pot plants, especially Easter lilies, look very promising.

The Flick Floral Co. is showing some fine Easter stock in many varieties in their greenhouses in South Wayne.

Visitors: T. W. Plant, of the Haeger Brick and Tile Co., Elgin, Ill.; M. McCarthy, representing Philip Carbone, Boston, Mass.

H. K.

Boilers OF HIGH GRADE.....
For GREENHOUSES
See Our Catalogue.
Steam and Hot Water GIBLIN & CO., Utica, N. Y



Siebert's Zinc Glazing Points.
Good for small or large glass, do not rust, easy to drive, ⅝ and ¾ inch. Per lb. 40c. 5-lbs. $1.85. 20-lbs., $7.00
Vaughan's Seed Store
Chicago New York

Rochester, Minn.

The R. Bragg Co. moved into its new branch store on West Zumbro street, opposite the St. Mary's hospital, the same to be used to take special care of the hospital trade which is steadily on the increase. This company now operates two stores and the Rochester Greenhouses.

The present outlook for the Easter trade is very promising, and judging from Christmas business, which was much better than a year ago, the Easter business should show a marked increase. The weather conditions have been very fine the past two weeks.

A. F. Biehler, until recently manager of the Spokane Greenhouses, at Marshall, Wash., is visiting his brother, Jos. Biehler, manager of the Rochester Greenhouses.

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ADVANCE MATERIALS Are Good.
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Save 10% to 20% on Greenhouses

We get most of our business through recommendations from thoroughly satisfied customers—we thrive on repeat orders.

We have received absolutely no correspondence expressing dissatisfaction on price, delivery or quality of construction.

Send for Our Latest Catalogue

Let us send a capable representative to see you without cost to you. We do this because of the implicit confidence in our material and service

"We Understand Our Business Thoroughly".

What They Say:

Jan. 20, 1915
Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,
L. Buckendorf,
Norfolk, Neb.

WILLENS CONSTRUCTION CO.

Long Distance Phones:
Lawndale 757—Harrison 7073

1529 S. Spaulding Ave., Chicago

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BOILER FLUES
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4-inch Patent Clamp

We make a specialty of handling carefully selected Boiler Flues, 4-inch diameter and other sizes for greenhouse piping, Gutter Posts, etc. Also we make a specialty of flues for retubing boilers All flues are thoroughly cleaned inside and out, trimmed, and are ready for use General sales agents for Stuttle's Patent Clamp for joining flues—no packing, no leaks. New Standard Pipe and all kinds of Greenhouse Fittings. Right prices and prompt shipment.

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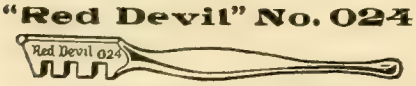
4-inch Patent Elbow

MASTICA

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

"Red Devil" No. 024



The glazier's standard tool for cutting all kinds of glass. The "Red Devil" glass cutter that is used by all. Known and recognized throughout the world as **THE BEST** cutter ever made. Sold everywhere by the hardware trade. Ask your local dealer for "Red Devil" No. 024. Send us three 2c stamps for One only free sample.

SMITH & HEMENWAY CO., 170 Chambers St., New York.

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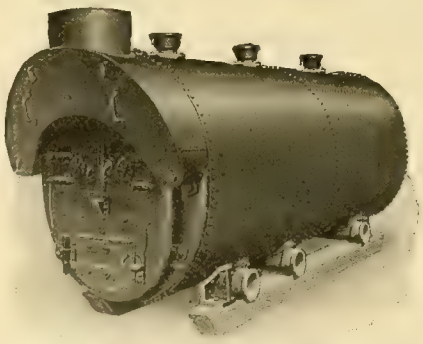
INTERNAL-FIRED BOILER

For Hot Water Heating



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— and —
Lawn Settees

The McDonald Foundry
Columbus, Ohio.
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Mention the American Florist when writing.

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10,000 $1.75; 50,000 $7.50. Manufactured by
W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

Attention, Mr. Greenhouse Man.

When erecting your next bench, why not build with material that will last? Our clay tile benches, made from burned clay, same as flower pots, need no replacing, and the cost is very little more than wood. Tile bottoms furnished anywhere in carload or less quantities.

Write today for circular.

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Send for samples of **Three Color Shipping Labels** and Florists' Tags.
Letterheads and Envelopes showing special designs for florists.

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The above illustration represents an interior view of the range of short-roof houses that we built for Henry Baer at Peoria, Illinois. This type of house is recommended by all growers who are using our short-roof houses for they are neat, have an abundance of ventilation, and you will notice that there is no unnecessary space at all to heat. No unsightly posts mar the interior appearance of the houses and taken all in all there are no better houses to be had. It will be to your interest to get our sketches and estimates for your new house. Our construction is strong, lasting and efficient; at the same time it is inexpensive.

A. DIETSCH CO., 2642 Sheffield Ave., Chicago

Mention the American Florist when writing.

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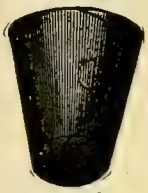

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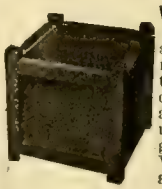

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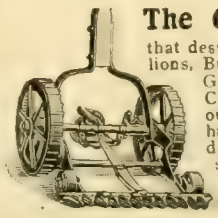

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Vol. XLIV. CHICAGO AND NEW YORK, MARCH 27, 1915. No. 1399

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THE NEW YORK SPRING SHOW.

Grand Central Palace, March 17-23.

A Newspaper Writer's View.

"Eden rediscovered!" exclaimed an enthusiastic spectator who gazed from the balcony of the Grand Central Palace on the opening day of the New York flower show, which was held in that city March 17-23. In truth, he was not far wrong, for the New York Florists' Club had transformed the huge coliseum into one huge floral bower. The formal decorations were simple in the extreme, being used merely as a background upon which the gorgeous floricultural displays were built up. The great white pillars were twined with smilax, and quantities of the same foliage hung from the balconies. In front, as one entered the Palace, formal box trees, trimmed into fantastic shapes—a bird perched on top of an archway being especially noticeable—and dark, glossy bay trees met the eye. Scattered through the arena, at points of vantage were palms, bay trees and gigantic foliage plants, most of the finer specimens being contributed by Bobbink & Atkins, Rutherford, N. J.; Julius Roehrs Co., Rutherford, N. J., and the Secaucus Exotic Nurseries, Secaucus, N. J.

Without being so crowded as to spoil the effect, every foot of space, both on the ground floor and in the balconies was filled with growing plants and cut flowers, and on account of the mild weather, all were in a flourishing condition. The feature of the exhibit was the two rose gardens staged by A. N. Pierson, Inc., Cromwell, Conn., and F. R. Pierson Co., Tarrytown, N. Y. The attendance was such as gladdened the heart of the florists, the crowds at times making passage very difficult. The arrangements were practically the same as the preceding season, five wide aisles running the entire length of the hall. At the end were the exhibits of the seedsmen, Stumpp & Walter Co. and J. M. Thorburn & Co., in particular, exhibiting a number of varieties of spring blossoms that were a perfect riot of color. Among the tulips the Rev. Eubank, a large mauve single blossom, exciting special comment.

The retail florists were lined up along both the side walls. G. E. M. Stumpp erected a pergola covered with English ivy and embowered in ramblers; and close by Max Schling gave pointers to the trade on the artistic arrangements of baskets of flowers for all occasions. Tiny birch bark baskets, filled with foliage plants of assorted hues, delighted with their beauty and simplicity. The Horticultural Society of New York entertained visitors in their large summer house, which was fitted up with chairs and settees. In the center was banked a mass of tulips, the color scheme being such as to delight an artist; while in one corner a mammoth acacia, exhibited by Mrs. F. A. Constable, Mamaroneck, N. Y., won first prize in the single specimen class for private growers.

The Orchids.

The orchids, as usual, attracted wide attention, the varied cattleya being especially to the front in all exhibits. The majority of honors in the commercial class went to Julius Roehrs Co., who captured first, in both orchid plants and cut flowers in groups, as well as many single specimens. This display of plants was particularly striking, being set in a huge frame, illuminated by the indirect lighting system, so that the whole picture appeared as a slice of nature, the plants seemingly growing wild. There was a goodly showing of cattleya, Dendrobium nobile and Wardianum, lælia, odontoglossum and oncidium; while suspended from a cord, and suggesting Omar's

"Every hyacinth the garden wears
Drop't in her lap from some once lovely head".

was a beautiful specimen of phalænopsis, springing from a human skull, green with mold. Lager and Hurrell, Summit, N. J., were second in commercial plants, their artistic arrangement eliciting much praise. A comprehensive display of many varieties of the cattleya formed the base, from the centre of which rose a moss covered pole, with branching arms, from each of which hung little baskets filled with profusely flowering Phalænopsis Schilleriana, of delicate rose purple. Among the private growers Geo. Schlegel, Bay Ridge, N. Y., had a fine

showing of plants of the varied cattleya, surmounted by specimens of the yellow oncidium and Phalænopsis grandiflora; while Clement Moore, of Hackensack, N. J., exhibited some splendid brasso-lælias, sopho-lælias and brasso-cattleyas. A particularly striking specimen, a hybrid, recently grown by him and named after the Queen of Belgium, was offered for sale at $250, the proceeds to go to the Red Cross Society. The substantial prize offered by the Ritz-Carleton hotel for the best showing of cut orchids table display, brought out some fine specimens from private growers, Geo. F. Baker, Tuxedo Park, N. Y., showing a dozen or more of the standard varieties. The judges, however, awarded the palm to Arthur N. Cooley, Pittsfield, Mass., by reason of the quality of the blooms and artistic arrangement.

Comparison between the different groups of foliage plants, and even single specimens was difficult, owing to the fact that they were so widely scattered, both upstairs and down. In the commercial class the principal awards went to Bobbink & Atkins, Julius Roehrs Co. and F. R. Pierson Co. In the flowering and foliage plant display, and also the forced shrubs and herbaceous plants collection, everything was won by the Julius Roehrs Co., its display of blossoming fruit trees eliciting special admiration. The conifer collections were exhibited in the balcony. A well balanced showing of trees and shrubs was staged by F. R. Pierson Co., Julius Roehrs Co. and Bobbink & Atkins. Although the Pierson exhibit captured first, there was little to choose between the symmetrical displays of that and the Roehrs collection. In the latter a fine specimen of Retinospora fllifera japonica was especially attractive. In the collection of foliage plants, Julius Roehrs Co. was easily first, the plants excelling both in growth and healthy color. The layman was especially attracted by a fine Coccoloba pubescens, its huge elephant-like ears rising horizontally one above another. A flourishing palm, 20 feet in height, also drew first in the specimen class. Bobbink & Atkins won many firsts in the single specimen class, their Kentia Belmoreana and Kentia Forsteriana being particularly well grown. As in the previous exhibition, F. R. Pierson Co. carried everything before it in its showing of ferns. They were all of the nephrolepis type, and their variety was the envy and admiration of all. Among the private growers of palms and foliage plants, W. B. Thompson, Yonkers, N. Y., and Mrs. D. Willis James, Madison, N. J., were easily first, while the stag horn fern of F. E. Lewis, Ridgefield, N. J., was a particularly vigorous specimen of this unique family.

Plants in Flower.

The azalea display was decidedly prominent, A. N. Pierson, Inc., getting the palm for the largest and most effective collection in the commercial class, while Julius Roehrs Co. bore off the honors in the single specimen class. Much admiration was expressed for the fine showing of hydrangeas, splendid collections ranging from pink to white, mingled with vivid blue being shown by F. H. Dressel, Jr., Weehawken, N. J., and Julius Roehrs Co. The latter also carried off the award in the collection of lilacs, this showing of both the white and purple varieties being unsurpassed. The display of rhododendrons was scarcely up to expectations, F. R. Pierson Co. getting first prize in the collection, and Bobbink & Atkins in the single specimen classes. The private growers covered themselves with glory in the flowering line. Mrs. A. M. Booth, Great Neck, N. Y., won many congratulations for her artistic staging of a collection of flowering plants and bulbs. A. Lewisohn and Ralph Pulitzer ran a close race for first honors in the specimen class, first and seconds being carried off by them in cyclamen, cineraria, Primula malacoides, P. obconica, and schizanthus plants. F. V. Burton, Newburgh, N. Y., carried off first prize with a magnificent anthurium, four feet high, and also exhibited a banana tree in fruit. Percy Chubb had a collection of cinerarias, particularly luscious in coloring, and Mrs. H. Darlington's collection of purple and white lilacs was beautiful and fragrant in the extreme. Wm. Fischer, New Caanan, Conn., easily won first with his magnificent specimen of marguerite, which was an almost perfect dome, thickly studded with the star flowers. A. Lewisohn carried off second; while Madsen & Christiansen, Wood Ridge, N. J., won a special prize for their Paris daisy. D. G. Reid and F. E. Lewis divided the spiræa honors between them, the former exhibiting a collection of pure white blossoms, the latter, those of delicate pink. Never have more splendid collections of lilies been displayed, and the group exhibited by C. W. Knight easily deserved the blue ribbon, some of the specimens being six feet in height. Others showing in this class were W. B. Thompson, Yonkers; Mrs. Ernest Iselin, New Rochelle, and Mrs. F. A. Constable, Mamaroneck. Payne Whitney, Manhasset, N. Y., had entries in nearly all the bulbous classes and carried off numerous prizes, as did Mrs. D. Willis James, and Mrs. A. M. Booth, Great Neck, N. Y. Mrs. James won especial commendation in the hyacinth classes, her King Menelik, dark purple, and City of Haarlem, deep gold, forming a striking contrast. In the nymphæa class, particular interest attached to the specimens of the Mrs. Woodrow Wilson, named for the late lamented lady of the White House. A gorgeous display of 50 specimens of the calla Elliottiana, great golden bells, in pots, staged by George Gould, Lakewood, N. J., was very appropriately awarded a gold medal. In the commercial class F. R. Pierson Co. was conspicuous for a fine showing of lilies, while William H. Siebrecht, Astoria, L. I., had a display of lilies of the valley that pleased the judges as well as the spectators. Peter Blenheim directed his efforts to his tulips, which showed an unusual variety of colorings. The showing of carnations was up to the standard, the Cottage Gardens Co., Queens, N. Y., delighting the eye with a magnificent collection ranging from darkest maroon to white, through all shades of pink, each variety being displayed separately in a gilt basket, surrounded with ferns. A. Roper, Tewksbury, Mass., won a silver medal for his display of 50 specimens of a new variety not yet in commerce, the flower being a delicate shade of pink. The Cottage Gardens Co. also had a flower that especially pleased the florists, in their new seedling,

NEW YORK SPRING SHOW.

Cut Roses Exhibited by A. N. Pierson, Inc., Cromwell, Conn., and F. R. Pierson Co., Tarrytown, N. Y.

GROUP OF FLOWERING PLANTS EXHIBITED BY MRS. A. M. BOOTH, GREAT NECK, N. Y., AT THE NEW YORK SPRING SHOW.

Crystal White, a pure white blossom of unusual size. P. A. B. Widener, Ogontz, Pa., was one of the private growers much to the front, his vase of 150 specimens winning first prize. Although allowed the privilege of "decorative green, ribbon and other accesories" the exhibit was severely simple, nothing but the long stemmed, spicy flowers, in many shades of pink, being employed in the huge bouquet.

Cut Blooms.

The cut flower exhibits were staged in the balcony, antirrhinums, mignonettes, stocks and wallflowers being shown in abundance. An especially fine display of pink antirrhinum, 50 spikes, was shown by W. D. Howard, Milford, Mass. Among the private growers competition ran high in the display of cut pansy blossoms, the award falling to D. G. Reid. His collection was displayed on a board covered with purple velvet, which showed up to good advantage his magnificent yellow beauties, but did scant justice to those of the purple and black variety. In size and coloring, however, they ranked supreme. Other good showings were made by Wm. E. Iselin, Adolph Lewisohn and Payne Whitney.

As always, the rose was queen of the flowers, and never have more perfect specimens been offered for competition. A. N. Pierson, Inc., and F. R. Pierson Co., divided between them nearly all the honors in the commercial division. The miniature rose gardens laid out by these two firms were the first thing to catch the eye from the balcony, and both were bits of a veritable Eden. The former had erected a rustic summer house in one corner, and surrounded the plot with a rustic fence, both of which were completely overgrown with pink ramblers. White tea roses were posted as sentinels at each gateway, while the balance of the garden was given over to dwarf specimens of the fragrant flower. The setting of F. R. Pierson Co. was much more elaborate. Here were rustic bowers, wherein marble statues were enthroned, quaint little trellised arbors with a seat "just big enough for two," while in the centre was an old-fashioned sun dial. Pink ramblers were used in profusion to cover the various bowers. A most artistic effect was gained by placing in the centre, surrounding the dial, a circle of plants of deep crimson, shading to a delicate pink on the outskirts of the garden. The collection of perpetuals, teas and hybrids was won by A. N. Pierson, Inc., while a silver medal went to the South Park Floral Co., New Castle, Ind., for the best new rose not yet in commerce, the George Elgar, a small yellow blossom. Of course, the section devoted to cut roses, roped off at one corner of the hall, was the centre of attraction. Here the Pink Killarney, Richmond, Mrs. George Shawyer reigned supreme, while the exquisite yellow Sunbursts drew exclamations of delight from all beholders. There were several competitors for the 100 American Beauty and 50 American Beauty classes, F. R. Pierson Co. carrying off first in the former and L. A. Noe, Madison, N. J., in the latter. Of equal interest was the showing of Killarney Queens, A. N. Pierson, Inc., carrying off the honor in the 100 specimen class, closely followed by F. R. Pierson Co. The Ophelia was a general favorite this year, there being a number of specimens of this velvety flower. A. N. Pierson, Inc., was easily the leader among the commercial growers, scoring 11 first out of a possible 20, as well as a number of seconds. Among the successful competitors in the private growers were P. A. B. Widener, who won four blue ribbons, his showing of Frau Karl Druschki, 12 specimens, a pure white variety, being especially admired. Mrs. F. A. Constable's Sunbursts were equally admired.

Table Decorations.

Crowds, thick as bees around the honeycomb, surrounded the roped off plats wherein seven of the leading New York hotels contended for the silver cup offered by the Horticultural Society of New York for the most artistically decorated table, set for 12. The honor fell to the Holland house, whose table was a symphony in white, green and gold. Yellow rosebuds and white sweet peas were artistically disposed in a tall silver vase, the same flowers being banked at the base. Simplicity ruled, there being no floral favors, or extraneous floral arrange-

ments to detract from the beauty of the centre-piece. The Hotel Biltmore employed an elaborate arrangement of yellow rose buds and white carnations; the Hotel Manhattan used luscious crimson Jacks with a liberal banking of ferns; while the Hotel McAlpine was a riot of scarlet and gold, narcissus and poinsettia with clouds of golden tulle giving an effect that would delight any Spanish heart.

The violets and sweet peas made a splendid showing, especially in the private growers' class.

W. B. S.

true flower lover would protest, and that was the introduction of booths housing commercial interests that could not be called trade exhibits, for they were not even distantly related to floriculture, which seemed to be entirely out of place at a flower show of such quality and excellence. This cheapened the show and when in looking over the exhibits one came across one of these enterprising "fakirs" with his "line of talk" one would wonder if he had not struck the "midway" of a country fair.

Although the tea garden conducted for the benefit of the Red Cross work in Europe was not a trade exhibit; nevertheless with its humane and charitable work it is worthy of space anywhere. The tea garden, under the patronage of such prominent society leaders as Mrs. Belmont Tiffany, Mrs. August Belmont, Mrs. Wm. K. Draper and others attracted many of the society folks, thus increasing the show admissions.

One of the new features of this year's show was display rose plants, arranged as a rose garden, covering 500 sq. ft. with appropriate accessories. There were two contestants in this class, A. N. Pierson, Inc., Cromwell, Conn., who was awarded the first prize of $300, and F. R. Pierson Co., Tarrytown, N. Y., who received the second prize of $200. A. N. Pierson's garden was perhaps the most pleasing, with its rustic fence and summer house, center of grass represented by moss, and stepping-stone walk, the scheme being a simpler and more naturalistic one. There might have been improvements in both exhibits.

The classes which were open to private gardeners only, brought forth several exhibitors and keen competition.

The ingenuity and individuality of Julius Roehrs Co., Rutherford, N. J., was shown in the unique arrangement of orchid plants in variety, covering 100 sq. ft. and arranged for effect; also of forced shrubs and herbaceous plants, covering 200 sq. ft., and arranged for effect. A scenic effect was obtained by framing in the orchid group, which was arranged in a case with a pleasing background of green cloth and illuminated by light reflected from hidden electric bulbs. This easily obtained the first prize, the second going to Lager and Hurrell, Summit, N. J., who arranged their plants in tiers on a rectangular table. The Roehrs Co.'s forced shrubs and herbaceous perennials were arranged in the form of a rock garden, with a few shrubs in the background and many Alpines scattered in among the rocks, was awarded first prize with commendation; equal second prize was recommended for the group of Bobbink and Atkins, Rutherford, N. J., which was made up entirely of shrubs.

Two other striking Roehrs' exhibits were a display of cut orchids, covering 100 sq. ft., and a large group of azaleas of striking colors, each variety being named.

Mrs. H. Darlington, of Mamaroneck, N. Y. (P. W. Popp, Gr.), showed 12 forced lilacs, five feet in height, and carrying fine flower; the plants of Marie Legraye in this group were better than of Charles X.

Class 340, staged on Saturday, a display of cut roses, covering 200 sq, ft. and containing not less than 500 or more than 1,000 blooms again brought the two Piersons to the front. Both groups were well arranged but F. R. Pierson Co.'s group containing 1,000 cut blooms deserved the first prize of $200 which it received.

NEW YORK SPRING SHOW.

Private Gardeners' Display of Bulbous Flowers.

College Man's Impressions.

Who can resist the charm and beauty of flowers? Certainly those who attended the third annual flower show went away with a greater appreciation of their beauty and a keener interest. The flower show, which was held under the auspices of the Horticultural Society of New York and the New York Florists' Club, was indeed a success, due to the loyal and unceasing labor of the flower show committee. The florists and gardeners are deeply indebted to these men who have undoubtedly, through the brilliant success of this year's show, made the annual flower show an established institution. This event is without doubt one of the greatest advancements made in floriculture, and was the very thing needed to bring the men of the profession together, both wholesaler and retailer, private gardeners and commercial men. Its influence on the general public is educational, and can not help but increase the love of flowers and thus result in augmenting the ranks of the buying public. That the show was the best ever held was the universal opinion. Both the general excellence of the stock, and the artistic arrangement of the exhibits, were noticeable on all sides.

It is noted that many of the trade exhibits are to be found in the same locations from year to year. This the exhibitors probably realize to be an important point, for their friends and customers will know just where to find them. Some of those who have exhibited in past years but were missing this time were M. H. Walsh, Thomas Roland, Anton Schultheis and W. A. Manda, Inc., but there were several new exhibitors and all the available space in the hall was occupied.

There was one thing to which the

NEW YORK SPRING SHOW.

F. R. Pierson Co's Lilies and F. H. Dressel, Jr's., Hydrangeas.

NEW YORK FLOWER SHOW COMMITTEE OFFICIALS.

F. R. Pierson, Chairman.

Chas. H. Totty, Chairman Jurors.

John Young, Secretary.

F. R. Pierson Co.'s interesting collection of nephrolepis in variety was well staged and received first prize.

A. N. Pierson, Inc., received first prize for some very fine Adiantum Farleyense in class 140 of six plants and class 141 of 12 plants.

The Department of Parks, borough of Manhattan, was awarded a gold medal for a fine arrangement of foliage and flowering plants. A silver medal was awarded Mrs. A. M. Booth, Great Neck, N. Y. (E. Fardel, Gr.), for a collection of freesia hybrids and hilleborus hybrids.

Fine specimen schizanthuses were exhibited, one shown by A. Lewisohn, Ardsley, N. Y. (J. Canning, Gr.), being four feet in diameter.

Good Primula malacoides, full of flower spikes, were shown. The forced bulbs were universally good. The new water-lily, Mrs. Woodrow Wilson, was to be seen. The hydrangeas were not very good, the heads being small.

T.

The Art of the New York Show.

There are two things that go to make a beautiful flower show. The first is the splendor of the plants and flowers, and the second, and in some respects the most important, their artistic arrangement. Various exhibits of plants and flowers were fully up to, and in some instances, ahead of those of previous shows. There was beauty everywhere; no corners were filled up with indifferent stock, just to help out. Everybody had put their best foot forward, and the most successful flower show New York has ever had is the result.

The great beauty of the exhibition as a floral spectacle, however, lies, not so much in the general excellence of the plants and flowers, as in the art and decorative effect of their arrangement. The high lights, or features of the show that at all times held the crowds, were the exhibits where the various plants or cut flowers had been so placed as to color and foliage, and aided by the art and accessories of the decorator, that they presented a beautiful picture, a combination of nature and art that was ideal. There were a number of such examples, probably the most striking being the rose gardens of F. R. Pierson Co., Tarrytown, N. Y.,

Arthur Herrington, Manager.

and A. N. Pierson, Inc., Cromwell, Conn. Each of these was ideal in conception and finished with close attention to detail to get the best effect. Had the pot plants been placed in rows across the same space, they would have received but a passing glance, while their artistic arrangement, with the latticed enclosure of the F. R. Pierson entry, and the rustic fence, summerhouse and lawn effect of A. N. Pierson's exhibit, made these, two of the most attractive features, surrounded at all times by admiring throngs. These same firms were also contestants for the best collection of cut roses, arranged for effect, and here again the art of the decorator, with his pedestals, baskets and vases, together with ferns and other plants as a setting, made wonderfully fine groups that were a symphony of grace and color, most elaborate and striking features, which would not have been nearly so effective, staged on a flat platform in the ordinary fibre jar. The decorative effect of the frame with its concealed lights, placed against an especially arranged bank of orchids, by the Julius Roehrs Co., Rutherford, N. J., making in effect a huge picture of the beautiful flowers, was at all times an attractive center for the visitors. Another artistic effect by the same firm was produced with the aid of flower tubes held by suction clamps against mirrors, placed in the rear of their tables of orchid plants. These contained sprays of cut blooms, which were doubly effective by reflection in the glass. A. N. Pierson, Inc., for the commercial exhibit, had for a setting a large pergola, covering the entire space and decorated with asparagus. Their display of pot plants and cut flowers was much enhanced by this picturesque covering.

Much greater care and art had been displayed in the arranging of the various groups of foliage and flowering plants, in most cases the pots being concealed with ivy or sheet moss, giving a much more finished appearance. The group of blooming plants staged and arranged by W. H. Duckham was a riot of color, but there was art in their placing and the blending of colors was perfect. J. Canning and P. W. Popp had very artistically arranged groups of blooming plants that looked as if sections of their gardens had been lifted and carried intact to the hall. It is this garden effect, this getting close to nature, that is most effective.

The retail florists were not much in evidence, but those present voted with a loud aye! as the exhibits of Max Schling and G. E. M. Stumpp, together with that of F. R. Pierson Co., were at all times uncomfortably crowded. All had arranged elaborate booths or pergolas. That of Max Schling was a high skeleton cupola decorated with ferns. The space was filled with elegantly arranged, high handled baskets of growing plants and cut flowers. There were also bunches of cut flowers, notably a shower bouquet of orange blossoms. He called his display the "Place of Art", which his work seemed to prove, as the examples were all artistic to a degree. G. E. M. Stumpp's exhibit was very unique and interesting. Flower trays in various shapes and coloring, the low, shallow dishes, which hold water and in which flowers are placed with the aid of the English glass blocks, and the japanna holders, were beautifully filled. Small china or porcelain birds were placed on

Robert Pyle, West Grove, Pa.
Vice-President American Rose Society.

Wallace R. Pierson, Cromwell, Conn.
President American Rose Society.

Harry O. May, Summit, N. J.
Treasurer American Rose Society.

the edges of the trays, or amongst the flowers, held in place by plasticine, which is a sort of gum that enables them to be stuck on anywhere. Flower tubes for single roses, with rubber suction clamps were attached to sheets of glass, and were very effective with choice blooms in each. Hanging willow cages with birds and rings, in which hung a china or porcelain bird, were very decorative, as were garden sticks with their gaily colored wooden birds. There were also arranged baskets of cut flowers. F. R. Pierson Co.'s booth had a latticed and mirror background, made gay with wistarias and rambler roses. Choice plants and baskets of flowers were also displayed.

The miniature estate laid out by Woodrow & Marketos was a piece of decorative work, with its lawns, pergola, water basin, walks and large mansion, all in good proportion, that was much appreciated and always the center of an admiring crowd. The lawns were of clover, and the flower borders or beds of cut flowers. It was very well done. The rock garden of Julius Roehrs Co., Rutherford, N. J., was very effective and could be elaborated on to make a splendid feature. The seedsmen did much to add to their exhibits, with their trellis effects and grass borders. The displays of J. M. Thorburn & Co., and A. T. Boddington, with their masses of blooming spring bulbs, were very decorative.

F. R. Pierson is a believer in decorative effects, and worked hard to make the show a success artistically, as well as excelling in the variety and culture of the plants and cut flowers exhibited. To the lover of flowers, it is a privilege to be able to see such an exhibition. It is inspiring to a degree and one comes away with an aroused ambition and the way is pointed out for greater things. The Philadelphians feel their work is cut out for them; if they are to go this show one better in the Fourth National, in 1916, they will have to get together at once, and hustle as they have never done before.

K.

FORT SMITH, ARK.—Burley C. Johnston is looking forward to a heavy Easter demand. Many of the florists here have fine stocks of bedding plants, which are expected to move during the next two or three weeks.

Benjamin Hammond, Beacon, N. Y.
Secretary American Rose Society.

Louis J. Reuter, Westerly, R. I.
Vice-President-Elect American Rose Society.

American Rose Society.

The Business Meeting.

The sixteenth annual meeting of the American Rose Society was called to order Friday, March 19, following a dinner at the Parker House, at which the guests were welcomed by Hon. James F. Curley, mayor of Boston, Wallace R. Pierson, Cromwell, Conn., president of the society, and Patrick Welch, Boston, president of the Society of American Florists, who acted as toastmaster.

Following the address of President Pierson, the reports of Secretary Benjamin Hammond and Treasurer Harry O. May were given, the reading of the latter in detail being omitted, totals only being given, and the treasurer stated that at no time in his ten years of service in that office was there so large a cash balance in the treasury as at present. The reports of the three officers were greeted with applause.

Alex. Cummings, Jr., chairman of the central test garden committee, read his report, and Prof. Mulford, of Washington, D. C., in reporting conditions at the Washington test garden, stated that the grounds as laid out were in a splendid location and easily accessible. The quantity of material for planting received so far was liberal, he reported, but that considerable more could be used to advantage. He added that efforts would be made to make it a universal as well as ornamental addition to the public service, and that any support that the American Rose Society could give would be appreciated. Prof. A. C. Beal, of Cornell University, Ithaca, N. Y., chairman of committee on test gardens, reported the conditions as laid out and published in the last annual bulletin as being most encouraging as to the successful work required in such an enterprise, and further efforts would be made to sustain the work for general benefits.

The selection of the next annual meeting place being next in order, William F. Gude, Washington, D. C., spoke of the importance of the coming national flower exhibition to be held in Philadelphia, Pa., in 1916, and

R. & J. FARQUHAR & CO'S DUTCH GARDEN AT THE BOSTON SHOW.

moved that the American Rose Society accept the invitation already extended to its executive committee, provided that satisfactory arrangements be made. Thomas Roland, Nahant, Mass., moved an amendment to strike out the proposition to make the acceptance conditional in any way, stating that the American Rose Society should do all in its power to aid the people of Philadelphia in making a great success of their effort. The motion was accepted; Eber Holmes, of Montrose, Mass., moved the passage of the motion in its amended form, and it was unanimously carried. A letter from Frank A. Friedley, Cleveland, O., stating that a flower show would be held in that city in November, which would be a large exhibition, and that one of the days had been set apart as "rose" day, with a prize list of $700, was then read. An invitation was extended to the American Rose Society to take charge of the rose exhibition. This announcement was received with much interest, and it was moved and seconded that the president be directed to appoint a committee to act for the American Rose Society in doing whatever was necessary to make the rose show in Cleveland a success. The president named W. G. Bates, as one member of the committee, the other two members to be selected later.

The next business was the nomination and election of officers, which resulted as follows by unanimous choice: S. S. Pennock, Philadelphia, Pa., president; Louis J. Reuter, Westerly, R. I., vice-president; Benjamin Hammond, Beacon, N. Y., secretary, re-elected; Harry O. May, Summit, N. J., treasurer, re-elected. Wallace R. Pierson, Robert Simpson, Robert Pyle and Eber Holmes were elected members of the executive committee. The matter of amending the by-laws so that the retiring president should become a member of the executive committee for the term of one year was brought up by President Pierson, and after a few questions were raised and answered, it was moved that a recommendation making the addition of such addition to the by-laws be brought up at the next annual meeting.

S. S. Pennock, Philadelphia, Pa.
President-Elect American Rose Society.

On motion of Joseph Heacock, which was seconded by Eber Holmes, being duly carried, it was decided that the American Rose Society should affiliate with the S. A. F. & O. H., the American Rose Society having 104 members in good standing, and that the president of the American Rose Society be directed to accept a seat in the board of directors of the S. A. F. & O. H.

President Pierson called attention to the matter of a standard for the growing of roses which was brought up in the annual meeting of 1911 by Past-president Wm. H. Elliott, and a committee at that time made a report upon the subject, but nothing had developed from it in a definite way. S. S. Pennock spoke upon the desirability of going into this work of adopting a standard method for designating cut blooms for commercial sale. After discussion, the president was instructed to appoint a committee to act in the matter in conjunction with the executive committee, and the following were named as such standard committee: S. S. Pennock, Philadelphia, Pa.; Patrick Welch, Boston, Mass.; Frank H. Traendly, New York.

The meeting adjourned to re-convene at the annual meeting of the Society of American Florists at San Francisco, Calif., August 17-19, 1915.

Secretary Hammond's Report.

Ten years ago in this building the present secretary assumed the duties of his office, and during the past ten years there has been a substantial development in the growth and influence of the American Rose Society, because each one has helped. From its first start, the aim was to increase the general interest in the cultivation, and to improve the standard of excellence of the rose for all the people. Every year, one after another, able men have done all they could to uphold the usefulness of the society by contributions to its support, in attending its meetings, in making its exhibits, and now the membership is spreading far and wide. The American Rose Society to be American in fact as well as in name, embraces various sections of country in which the climatic conditions are different, and there is probably no variety of flower that covers so much ground as does the rose. No matter where the

rose is, there is no single flower which carries with it more attraction than the rose in full bloom; no bud has more significance in its choiceness than the rose-bud; no flower as a gift to sick or well has so much character or feeling attached to it as the rose. It grows in the confines of Mexico, on the Rio Grande river; it grows in the highlands of the Laurentian mountains beyond Lake Superior; it thrives in abundance in the warm breezes of the Pacific ocean; it thrives in the east and it blooms in the south, and a society to hold an interest in a connection of this kind is no small affair.

The past year has seen culminated efforts that have gradually grown up to provide test gardens for roses in various geographical locations. At Hartford, Conn., the rose garden there attracted attention which stirred up efforts in other directions. At the city of Washington interest was stirred up and now there has been started a national rose garden of some considerable proportions. At Cornell University, Ithaca, N. Y., which is an ideal region for climatic conditions for outdoor roses, there is now a garden that if pushed with persistent energy will become very soon as famed as some of the choicest spots in Europe. In Minneapolis in one of the beautifully located parks is a rose garden that has demonstrated what can be done where the winters are sharp and long, and the result as seen there is a credit to the man whose genius has created it. In southern California the rose is almost of spontaneous growth. In Oregon, Washington and British Columbia there the rose in the brilliancy of its colors, in the heydey of their bloom, make a showing that is wonderful. All these things when reduced to simple every day use add to the beauty of the home, and old as the hills comes the cry—"there is no place like home." The effort of the American Rose Society is to lead off and to affiliate with every local society that has its annual rose shows; to encourage the same by distribution of its medals. The past year the rose society in the city of Syracuse, N. Y., joined the American Rose Society. It has 244 members. In the city of Newport, R. I., two organizations have joined the society, viz.: The Newport Garden Club and the Garden Association.

The bulletin of the past year giving a record of some of the work accomplished is a book of value. It gives accurate illustrations of the rose gardens at Washington and Cornell; it gives articles from California and Oregon bearing upon this subject of rose adaptation which is of interest and value to every commercial rose grower, not only in America but in Europe as well, because America is a great rose market for imported stock. The past three years the limited income of the American Rose Society has been greatly assisted in its premium list by the associations with whom its main exhibition has been placed. There is no one connected with the American Rose Society in an official way that accepts any compensation whatever either for time or effort given. The society stands today in a position of influence in the development and adaptation of the rose for general display. One of the things we want to do and which was tried, when for over a year we published the Rose Journal, simply as a means of keeping in touch with its membership. The matter of scale of points as adopted by the society is one thing that has been accepted in various parts of the country. The judgment as made upon either plants or blooms by the able men who have been selected as judges and who have acted in the capacity of judging accurately the various points of value, have gained a confidence far and wide of local associations.

A society like the American Rose Society with interests in all parts of the country has a patriotic value as well as a commercial value; it touches local interests and home interests that are re-echoed far and wide from one place to another. The past year more medals were distributed than we ever before have given and last year was the first year that the five-year limit covering the Mrs. Gertrude M. Hubbard fund was reached. This medal went to a man in Massachusetts, M. H. Walsh of Woods Hole, while a close competitor for the honor was the well known rosarian, John Cook of Baltimore, Md., with his Rose Radiance. It is the hope of the society to see its growth in members largely increased; to see the spirit of affiliation take a wider form; to see the rose test gardens spring up in sections that will show what can be done in Texas, in Idaho or Montana, or what may be done in Kansas or Kentucky or what may be done in the Gulf states.

As a society, we have held our meetings mainly in the east. The coming year there is the greatest exhibition that was ever planned or carried out in commemoration of what is said to be the greatest physical work of engineers that the world has ever seen, the opening of the Panama canal, and what will be used to show up the grounds of the exposition to a large extent will be roses, because it is held in the land of roses. How many of our members will attend that exposition is unknown, but wherever you go on that journey you will find the rose in evidence, and wherever the next annual exhibition may be, we hope that it will reach a company of people who will make it a decided success in every way.

Our finances are in fair condition. The life membership fund has grown until it is $3,150, which is used as a permanent fund, and the larger this permanent fund becomes the more the

NEW YORK SPRING SHOW.
Rhododendron Display of Julius Roehrs Co., Rutherford, N. J.

GENERAL VIEW OF THE BOSTON SHOW.

American Rose Society will become a society of permanent ability to do good. Associate members are what we need, but if we get a membership, which we may get of associate members, we will have to have from time to time during the year publications of decided interest to the home rose grower. One thing that helps more than any other is colored illustrations, but these are expensive pieces of work if well done, but I hope the time will come when the publications of the American Rose Society will be so accurately illustrated and illustrated in colors that they will be a part of the choice products of the printer's art. To accomplish this we want an increased membership of all classes, and if there is anyone here today who is not a member of the American Rose Society we would be glad to have them join us in any of the three grades of membership, because when we leave Boston we want to leave it stronger than when we came, just as we have done each time we have been here.

THE BOSTON SHOW.
Exhibit of M. H. Walsh, Wood's Hole, Mass.

The Exhibition.

The exhibition of the American Rose Society, held at Horticultural hall, Boston, March 18-21, in co-operation with the Massachusetts Horticultural Society, was one of the best ever seen in this city, which has a splendid record for fine exhibitions. The spacious building was packed to its utmost capacity with surprising exhibits in both plants and cut flowers. To the rose growers the specimen plants of M. H. Walsh, Woods Hole, and Thomas Roland, Nahant, were unquestionably the most attractive features of the display, the latter exhibitor also showing some well grown ericas and acacias. The general public, however, appeared to be more interested in the Dutch garden arranged by R. & J. Farquhar & Co., with tanbark paths and many flowering shrubs and plants, including Azalea Kaempferi and A. mollis, magnolias, wistarias, primulas, spiraeas, bulbous stock, etc. A windmill in motion was part of a landscape and beneath it was a gardener's tool house, with wooden shoes hung outside and a red-tiled roof with lichens showing here and there. These accessories, it is said, were imported from the Netherlands expressly for this show. Some additional well grown plants were noted from the W. W. Edgar Co., Waverley. Orchids were well displayed by F. J. Dolansky, Lynn; J. T. Butterworth, Framingham, and a number of private growers. Cyclamens from various experts made a grand showing.

Cut blooms of roses were well displayed by S. J. Reuter & Sons; Joseph Heacock Co., Philadelphia, Pa.; A. N. Pierson, Inc., Cromwell, Conn.; Waban Rose Conservatories, Natick. The principal contributors of carnations were Albert Roper, Tewksbury, and A. A. Pembroke, Beverly. The cut flowers arranged for effect attracted much attention, especially the work of Thos. F. Galvin, Inc., E. MacMulkin, Mrs. Duncan Finlayson, Henry Comley and Wax Bros.

Peirce Bros., Waltham, exhibited climbing Killarney rose; H. Huebner, Groton, new antirrhinums, and Jackson Dawson, of the Arnold Arboretum, new hardy azaleas.

The Massachusetts Horticultural Society gave M. H. Walsh a special prize of $100 for his fine display of roses and R. & J. Farquhar & Co. gold medal for Dutch garden. The American Rose Society's premiums were distributed as follows: Waban Rose Conservatories, two first, one second; A. N. Pierson, Inc., five first; S. J. Reuter & Son, one first, two seconds; Wm. Crust, one first; Thos. Roland, one first, one second and Toronto Horticultural Society medal; Jos. Heacock Co., two first, one second; Penn, the florist, two first; Henry R. Comley, one first; Sidney Hoffman, one second; M. H. Walsh, American Rose Society's silver medal, four first, two seconds and Toronto Horticultural Society medal; W. W. Edgar Co., one first.

The official awards in detail were as follows:

PLANT AWARDS.

Azalea indica.—Four plants, four varieties: 1st, Wm. Whitman; 2d, W. W. Edgar Co. Specimen plant: 1st, Miss Cornelia Warren; 2d, A. W. Preston. Palms.—Pair, in pots: 1st, Mrs. Frederick Ayer; 2d, Wm. Whitman; 3d, Weld Garden. Specimen palm: Weld Garden. Ericas.—Six plants in not less than three species: 1st, Miss Cornelia Warren. Acacias.—Group of plants in bloom to occupy 100 sq. ft.: 1st, Mrs. Frederick Ayer; 2d, Mrs. Frederick Ayer. Specimen plant in bloom: 1st, Weld Garden; 2d, Mrs. Frederick Ayer; 3d, Mrs. Frederick Ayer. Hydrangeas.—Collection, not

THE BOSTON SHOW.
Thos. Roland's Roses and J. T. Butterworth's Orchids.

less than six varieties: 1st, W. W. Edgar Co. Primula acaulis.—Six plants. 1st, Mrs. J. L. Gardner. Hardwooded greenhouse plants.—Specimen plant: 1st, Miss Cornelia Warren. Rambler roses.—Three plants, distinct varieties: 1st, M. H. Walsh; 2d, M. H. Walsh. Group of roses—Not less than 12 plants: 1st, Thomas Roland; 2d, W. W. Edgar Co. Cyclamens.—Twelve plants, in not over seven-inch pots: 1st, Mrs. Lester Leland; 2d, Mrs. J. L. Gardner; 3d, Mrs. C. G. Weld. Six plants, in not over ten-inch pots: 1st, Mrs. Lester Leland; 2d, Mrs. J. L. Gardner; 3d, Edward A. Clark. Specimen plant: Edward A. Clark. Cinerarias.—Grandiflora type, six plants: 1st, Mrs. C. G. Weld; 2d, Edward A. Clark; 3d, Mrs. J. L. Gardner. Specimen plant: Mrs. J. L. Gardner. Stellata type, six plants: 1st, Mrs. J. L. Gardner; 2d, Wm. Whitman. Specimen plant: Mrs. J. L. Gardner. Schizanthus.—Six plants: 1st, Edward A. Clark; 2d, Miss Cornelia Warren; 3d, Mrs. J. L. Gardner. Hyacinths.—Six pans, not exceeding 10 inches in diameter, six bulbs of one variety in each: 1st, Wm. Whitman; 2d, Edward A. Clark. Single pan not exceeding 12 inches in diameter, 10 bulbs of one variety: 1st, A. F. Estabrook; 2d, Edward A. Clark; 3d, Edward A. Clark. Single pan not exceeding 10 inches in diameter, six bulbs of one variety: 1st, Wm. Whitman; 2d, Edward A. Clark; 3d, Edward A. Clark. Two eight-inch pans, two distinct varieties, for amateurs only: 1st, Miss M. A. Rand; 2d, Henry L. Rand. 3d, Miss M. A. Rand. Single early tulips.—Six eight-inch pans, one distinct variety in each pan: 1st, Wm. Whitman; 2d, A. W. Preston; 3d, Wm. Whitman. Joost van Vondel, white, three eight-inch pans: 1st, Mrs. J. L. Gardner; 2d, A. F. Estabrook. Any other white variety: 1st, Wm. Whitman; 2d, A. F. Estabrook; 3d, A. W. Preston. Mon Tresor: 1st, Wm. Whitman; 2d, A. W. Preston. Any other yellow variety: 1st, Mrs. J. L. Gardner; 2d, Wm. Whitman; 3d, A. W. Preston. Vermilion Brilliant: 1st, A. W. Preston. Any other red variety: 1st, Wm. Whitman; 2d, A. F. Estabrook; 3d, A. W. Preston. Kaiserskroon: 1st, Wm. Whitman; 2d, J. T. Butterworth; 3d, A. F. Estabrook. Pink Beauty: 1st, Wm. Whitman; 2d, Mrs. J. L. Gardner; 3d, A. W. Preston. Any other pink or pink and white variety: 1st, Mrs. J. L. Gardner; 2d, Wm. Whitman; 3d, A. W. Preston. Duchess of Parma: 1st, Wm. Whitman; 2d, A. F. Estabrook. Two eight-inch pans, two pans, for amateurs only: 1st, Miss M. A. Rand; 2d, Henry L. Rand; 3d, Miss M. A. Rand. Double tulips.—Six eight-inch pans: 1st, Wm. Whitman; 2d, A. W. Preston; 3d, A. F. Estabrook. Narcissi.—Collection of large trumpet variety, 12 eight-inch pans, one distinct variety in each: 1st, Wm. Whitman; 2d, A. W. Preston. Four eight-inch pans, one distinct variety in each: 1st, Wm. Whitman; 2d, A. W. Preston. Collection of short trumpet varieties, 10 eight-inch pans, one distinct variety in each: 1st, Wm. Whitman; 2d, A. W. Preston. Four eight-inch pans, one distinct variety in each: 1st, A. W. Preston; 2d, Wm. Whitman. Two eight-inch pans, two varieties, for amateurs only: 1st, Miss M. A. Rand; 2d, Miss M. A. Rand; 3d, Henry L. Rand. Crocus.—Three eight-inch pans, one distinct variety: 1st, Miss M. A. Rand; 2d, Mrs. J. L. Gardner. Lily of the valley.—Six pans: 1st, J. T. Butterworth; 2d, J. T. Butterworth; 3d, Mrs. C. G. Weld. Amaryllis.—Twelve pots, distinct varieties: 1st, Mrs. J. L. Gardner. Lilium longiflorum.—Six pots: 1st, D. T. Walker; 2d, Mrs. Frederick Ayer; 3d, Mrs. C. G. Weld. General display of spring bulbous plants.—All classes: 1st, Weld Garden. Forced bulbs (for amateurs only).—Six pans: 1st, Miss M. A. Rand; 2d, Miss M. A. Rand.

CUT FLOWER AWARDS.

Roses in vases.—Any red other than Richmond: 1st, S. J. Reuter & Sons. Twenty-five blooms of Killarney: 1st, Joseph Heacock Co.; 2d, A. N. Pierson, Inc. Twenty-five blooms white or any white sport of Killarney: 1st, Joseph Heacock Co.; 2d, A. N. Pierson, Inc. Twenty-five blooms Lady Hillingdon: 1st, Joseph Heacock Co. Twenty-five blooms Mrs. Charles Russell: 1st, Waban Rose Conservatories. Twenty-five blooms Mrs. Aaron Ward: 1st, A. N. Pierson. Twenty-five blooms any other pink variety: 1st, Joseph Heacock Co.; 2d, John Welch Young. Twenty-five blooms any new named variety: Waban Rose Conservatories, Mrs. Moorfield Storey, silver medal. Carnations.—Vase of 100 cut blooms of one variety, with foliage: 1st, Albert Roper; 2d, A. A. Pembroke. Fifty blooms, any named crimson variety: 1st, J. A. Nelson; 2d, M. A. Patten. Fifty blooms, dark pink: 1st, M. A. Patten; 2d, A. A. Pembroke. Fifty blooms, light pink: 1st, A. A. Pembroke. Fifty blooms, flesh pink: 1st, A. A. Pembroke; 2d, J. A. Nelson. Fifty blooms, scarlet: 1st, J. A. Nelson; 2d, M. A. Patten. Fifty blooms, white variegated: 1st, J. A. Nelson; 2d, M. A. Patten. Fifty blooms, yellow: 1st, A. A. Pembroke. Fifty blooms, white: 1st, A. A. Pembroke. Artistic display of carnations: 1st, Penn the Florist. Violets.—Bunch of 100 blooms of any single variety: 1st, Esty Bros.; 2d, Edward Bingham. Bunch of 100 blooms of any double variety: 1st, Edward Bingham; 2d, John L. Gale. Sweet peas.—Fifty sprays, any white variety: 1st, Wm. Sim; 2d, E. Townsend. Fifty sprays, light pink: 1st, Wm. Sim; 2d, E. Townsend. Fifty sprays, deep pink: 1st, Wm. Sim; 2d, E. Townsend. Fifty sprays, scarlet: 1st, Wm. Sim. Fifty sprays, lavender: 1st, Wm. Sim. Marguerites.—One hundred blooms, yellow: 1st, James Wheeler. Antirrhinums.—Vase of 25 spikes: 1st, Mrs. C. G. Weld; 2d, F. W. Fletcher. Camellias.—Collection of 12 blooms: 1st, Walter Angus; 2d, E. Townsend. Gardenias.—Twelve blooms: 1st, Mrs. Frederick Ayer; 2d, E. Townsend.

O. P. Bassett.
Of Bassett & Washburn, Chicago.
Eighty Years Young March 30, 1915.

The Philadelphia Spring Show.

The feature of the spring exhibition of the Pennsylvania Horticultural Society, which opened Tuesday, March 23, was the largest collection of tulips, hyacinths and daffodils in competition for the Michell, Waterer, and Dreer premiums. These are offered for selected named varieties, including the newest sorts, and are a great incentive to the skilled gardeners of this city and suburbs, as was shown by the many entries in the various classes. The quality of the stock was superb, nothing better ever having been seen here. The new daffodil, King Alfred, was staged by a number of growers, some of the flowers being immense. The Darwin tulips were especially fine, as were all the other classes, notable among them being the varieties President Cleveland and Princess Beatrice, new single and double pinks. The hyacinths were remarkable for size of spikes and coloring. The pans of Emperor and Empress daffodils were very full and showy. A collection of crocuses were interesting. Spireas were seen in quantity, new pinks in Rubens, Alexandria Improved, Philadelphia and America were very attractive. There were collections of hydrid tea roses, herbaceous plants, calla lilies, and a table of superb new sweet peas from the Burpee Fordhook farms.

Take it all in all, the exhibition lacked only decorative features to make it an artistic success. Every flower show should have a setting or background, a decorative plan, into which the various exhibits would fit, to carry out and become a part, contributing to make a perfect exhibition which would be at once inspiring and educational. Every effort must now be made to excel in next year's national show anything that has gone before. It will mean hard work, but the whole country looks for something great in this city, and all must unite to raise this standard and bring together the greatest collection of plants and flowers ever seen in this country. K.

LITTLE FALLS, MINN.—C. A. Sorenson is the only florist here, doing a small business in bedding stock with a little market gardening.

HUTCHINSON, KAN.—J. R. Souder, florist of Emporia, Kan., closed a deal March 16 for 10 lots located on Eleventh street, east, and will erect a range of greenhouses in the near future.

GREENVILLE, O.—James Frost built one new house for carnations last year and is thinking of adding another this season. He has given up market gardening, selling the land used for that purpose.—C. R. Wills is reducing his lettuce area, extending the space given to geraniums and chrysanthemums.—C. O'Brien reports a heavy run of funeral work.

The Insect Outlook for New England.

Abstract of an address by H. F. Fernald, Amherst, Mass., delivered at a meeting of the Massachusetts Horticultural Society, March 6, 1915.

The entomological conditions existing in this country when it was first settled, and as late as the eighteenth century, may perhaps fairly be termed aboriginal. Probably nine-tenths of the country was unsettled and covered only by its native plants, shrubs and trees, and these were attacked only by native insects. During the nineteenth century the spread of civilization westward enormously extended the area devoted to cultivated crops of various kinds and furnished corresponding opportunities for enormous increases in the abundance of insect- and also for destruction. New pests from foreign countries obtained a foothold here, in nearly every case escaping from their enemies in the process, and native forms, restricted in habitat, found new opportunities for progress in the coming of the settler. Shipboard surroundings can hardly be considered conducive to successful insect immigration. If an insect leaves Europe for example in one stage of its existence, and enters upon a long voyage, it is probable at least, that before its arrival its life in that stage will have terminated, and that it will transform into the next succeeding one. If freshly cut logs containing the larvae of the leopard moth, for example, form the cargo of a sailing vessel, which might be a long time in reaching its destination, it is probable that the changes in those logs due to cutting, drying, etc., would prevent the larvæ from forming.

During the last quarter of a century, the great increase of wealth in this country has caused large estates covered with rare and exotic plants to appear; acres of farm lands have been transformed into arboretums, stocked with plants from other countries; thousands of nurseries importing plants from all parts of the world have been established. Growing plants imported into Massachusetts alone, from foreign lands, represent a value of over $2,000,000, and as most of these are brought in with earth around their roots, the chance for new pests to establish themselves in this section has become greater than ever before. The importation of fruit from other countries affords another apportunity for the same thing to happen.

In order to protect ourselves as far as possible from unchecked invasion of this country by foreign pests in these ways, the inspection of all imported nursery stock is now provided for in nearly all states. Under these laws the actual inspection is left to the authorities of the states to which it goes. Reports of inspections show that many dangerous pests have been discovered in this way and destroyed. But while inspection of imported stock is valuable, its limitations should also be recognized. The work is often done under unsatisfactory conditions. The stock cannot be left open too long before planting or it will dry out and die; it may be in a place where the light is poor and something may be overlooked on that account; the shipments practically all arrive during two months in the fall and two in the spring, and it is often impossible to get sufficient trained men for such a short time.

On the other hand we have developed artificial methods of control to an extent unparalleled elsewhere in the world; have studied life histories carefully to learn where treatment could be effectively applied; have attempted to increase the effectiveness of parasites and diseases. Yet in spite of all these efforts our annual losses by insects are greater than ever before. If we consider the factors liable to cause increased loss in the future. we find them to be several. Our agricultural methods are liable to continue along their present lines, the acreage of crops of any one kind will increase rather than diminish, and the insect enemies of these crops as well as their parasites will thrive and follow them. It is probable that the intervals between outbreaks will become shorter because of the abundance of food, and each outbreak means a loss before it can be stopped. Insects not now important may change their food, and introduced forms will spread more widely over the United States and exact a larger loss than at present. New pests from other parts of the world will establish themselves, and the distribution of pests will be limited only by climatic conditions and food supply.

The discovery of parasitic and other enemies which at least reduce the importance of imported pests has resulted successfully in several cases. The discovery and introduction into Massachusetts of the gypsy and brown tail moths is of course of particular local interest and is important because it is the most extensive experiment of its kind ever attempted. Such attempts as this have their dangers, however. A careful and exhaustive study of the inter-relations of the forms concerned must be completed or the risk of introducing forms more injurious than beneficial will result. When properly conducted, however, this is one of the most promising ways in which man can be aided in his struggle against insects.

Much of our loss at the present time is due to ignorance, indifference and neglect on the part of those who can least afford losses by insects. When a general understanding of the problems of insect control shall have been reached, so that the work of an intelligent farmer in protecting his crops from insects is no longer nullified by the failure of his neighbors to similarly care for theirs, the real methods of control will become more evident and the results more commensurate with the efforts put forth. New principles of attack, different methods, and above all a more general understanding of conditions and the realization of the necessity of concerted action will undoubtedly accomplish much.

The Late William Hatcher.

William Hatcher, one of the oldest residents in the District of Columbia, and for nearly 30 years a gardener and florist at the Soldiers' home, died at his home on Harewood road in the District, March 16, at the age of 86 years. His immediate family were with him at the time of his death, which was due to pneumonia. He retired from active service three years ago. A native of England, he came to this country at the age of 15. He is survived by his widow and two sons, both of whom have been employed for many years at the Soldiers' home. Funeral services were held March 18, the burial taking place at Rock Creek cemetery.

The Late William B. Patterson.

William B. Patterson, well-known florist, died suddenly at his home, Rosemont Gardens, Montgomery Ala., March 16.

TOWN TALK.

EDDYVILLE, IA.—The greenhouse of Charles Bickford was destroyed by fire March 12.

WINSTON-SALEM, N. C.—A handsomely equipped flower shop will be opened by the Shelton Seed Store.

CHARLESTON, S. C.—The Carolina Floral Store has not felt the strained war conditions in its business, having had more trade than last year.

WILMINGTON, DEL.—Wm. H. Vance says trade is rather slow, although there is a considerable outlet in funeral work. Easter prospects are good.

BROOKLYN, N. Y.—Joseph Trepel has opened a new florist shop at 1070 Flatbush avenue. The establishment is equipped in the most up-to-date style.

OTTAWA, KANS.—John T. Lester says this has been the darkest winter for many years in this vicinity, but business has been fine. Stock in all lines has been scarce with prices good.

LINCOLN, ILL.—John C. Moninger Co.'s baseball team, the Striech Colts, will open the season March 28, by playing Gullett & Sons' team at the I. & M. Park, near the new greenhouse.

HAMILTON, O.—There was a big snow storm here, March 18, and many telegraph and telephone wires are down. John Lodder & Sons say there is plenty of stock for Easter and look for a good business.

MERIDIAN, MISS.—Mrs. N. G. McKinney is as busy as can be with Easter prepartions. The war, she says, has not affected her trade in the least, and she is looking for a bigger business than ever this season.

DULUTH, MINN.—Seekins, who was recently burned out at Third avenue, east, is now settled at his branch store, at Second avenue, west. Walter Jaap says the local demand will about take care of all his Easter stock this year.

ITHACA, N. Y.—Contracts for the new floricultural greenhouse range at Cornell University have been let to the Wm. H. Lutton Co., Jersey City, N. J., King Construction Co., North Tonawanda, N. Y., and Johnston Heating Co., New York.

HOUSTON, TEX.—The Texas State Florists' Association, through President Kerr, has invited the members of the executive committee of the Society of American Florists to attend the second annual convention at Fort Worth, July 13-14.

FLINT, MICH.—Following a recent meeting here under the auspices of the state agricultural department, 125 bean growers of Genesee county have decided to organize and co-operate with the bean jobbers' association. J. F. Rieman, of Burton, has been chosen temporary president.

NEW HAVEN, CONN.—Retailers say the competitive conditions are deplorable with daffodils at 35 cents per dozen and violets and sweet peas at 35 cents per bunch. A few years ago Golden Spur and Von Sion sold here for 75 cents per dozen and there were not enough of them to go around.

TERRE HAUTE, IND.—B. Stover says St. Patrick's day, so far as green carnations are concerned, is on the wane. There is so much cheap stock on the market that green carnations are not wanted. Last year he sold 500, this year 50. Business otherwise has been good and the weather ideal. There has been no snow since January and he is now looking forward to a good Easter business. There has been a great deal of funeral work here.

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We do not assume any responsibility for the opinions of our correspondents.

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IT is said the attendance at the New York show March 17-23, was 75,000.

THE horticultural humbug dispensed to the public through the newspapers is well illustrated in the Chicago Tribune of March 24, where the "Garden Editor" seriously recommends a tablespoon of castor oil for an ailing rubber plant.

VICE-PRESIDENT DAN MACRORIE, of the Society of American Florists, has returned to San Francisco after visiting Chicago and eastern cities, fully convinced the attendance at the convention next August will eclipse that of all previous annual meetings of the national society.

Personal.

R. Karlstrom, for many years identified with the establishment of W. A. Manda, South Orange, N. J., will, it is stated, move to Cromwell, Conn., to take charge of A. N. Pierson's new landscape department.

Edwin Lonsdale's many friends will be pleased to learn that his health is steadily improving at Burpee's Floradale Farm, Lompoc, Calif., according to latest reports.

Am. Institute Chrysanthemum Show.

The annual chrysanthemum show of the American Institute of the City of New York will be held in the Engineering Societies' building, Nos. 25-33 West Thirty-ninth street, New York, November 3-5, 1915. The schedule of premiums will be announced when ready.

WM. A. EAGLESON, Sec'y.

Killing Weeds With Plant Poisons.

Killing weeds by plant poisons and afterward growing crops on the same land is a subject that seems to be of much popular interest. There are but few situations, however, where this method is feasible. In Australia, fields containing prickly pear have been sprayed with an arsenite of soda solution, and after the pear has been killed, the land plowed and planted to crops. According to reports from specialists of the United States Department of Agriculture it has been found satisfactory to handle honeysuckle under certain conditions by spraying the tops with fuel oil or crude petroleum, and after the leaves are dead and dry, setting fire to them. This removes all the tops and obviates the great inconvenience encountered in cutting them off or plowing them under. Considerable attention has also been given to applications for killing the vegetation and sterilizing the soil. This method is applicable to driveways, pathways, tennis courts, railroad rights of way, and similar situations.

For the past five years experiments have been made at Arlington Farm to find the best material, the best strength of application, the best time of application and other points. The list of materials used in the tests embraced practically all materials that had been suggested as being effective, and these tests have shown that of many materials there are three which, at the prices assigned, are better than any of the others, namely, arsenite of soda, common salt, and fuel oil. There are several points to be considered in selecting the best material among these three. The prices used as a basis were as follows: Commercial arsenite of soda, 25 cents per pound; common salt, $12 per ton; fuel oil, 12 cents per gallon. These are approximately the maximum prices which the small purchaser would be asked to pay. Under certain conditions the consumer may find the price of one of these substances relatively lower than the others. The character of the vegetation also governs the choice; broad-leaved plants seem to be relatively more affected by arsenite of soda than by salt or oil, as compared with narrow-leaved vegetation, such as grass. Salt is often objectionable when used on brick walks or other conspicuous places on account of the white residue which remains for some time.

As to the number of applications required, it has been found that several light applications are better than one heavy one, which is partly due to the fact that weed seeds in the soil, which are but little affected by these treatments, germinate and produce a new crop of weeds after the first crop is killed. After the first year, however, the number of applications may be reduced until weeds entirely cease to come up. The quantity of these herbicides to use depends on the character of the vegetation and the soil. On some of the arsenite of soda plats where the vegetation was largely broad-leaved plants the tops had been practically killed by a remarkably light application at a cost of $1.50 per acre, but the effects were merely temporary and new tops immediately sprang up. As an illustration of the quantity of material required, a weedy driveway having such plants as bluegrass, crab grass, plantain, clover and dandelion could be almost cleared by treating it with any one of the following substances, the amounts being given on a basis of 1 square rod: One-fourth pound of commercial arsenite of soda dissolved in 6 gallons of water; 22 pounds of common, coarse salt dissolved in 9 gallons of water; or 1 gallon of fuel oil. All these applications would cost approximately 12 cents per square rod, or $20 per acre, for the materials.

In the experiments the results with common salt have been somewhat erratic, so that preference should be given the other two substances. However, if a small area is to be treated, and the cost is therefore not a primary consideration, salt should be used in larger quantities than advised above, dissolving it at the rate of 1 pound to 1½ quarts of water. All applications should be made when there is no prospect of rain for 24 hours.

Flour From Flowers.

Although the title of this paragraph would seem to indicate that certain flowers may provide the basis for bread-making, it was not our intention to give this impression, though it is said that the pollen of the staminate cat-tail flowers is sometimes used for bread-making in India. At present we are interested in pointing out the fact that the word flour has really been derived from the word which designates the blossom of a plant. To most people the flower is the best part of the plant. So settled is this that amateur gardeners may often be heard to speak of their flowers when only leaves and stems are in sight, says the American Botanist. In a similar way, then, the flour was the best part of the meal; one might say the flowering part, just as we now speak of the efflorescence of a salt to indicate the fine powder that often forms upon it. The idea of a blossom is also embalmed in various other words with which we rarely associate it at present. For instance, to florish once meant to bear flowers in profusion, though we now speak of a plant as flourishing if it merely produces an abundance of leaves. The word, however, indicates how closely the idea of the general well-being of the plant and floriferousness are connected. Florid, again, originally meant covered with flowers. We still speak of flowery discourse or florid language and by a sort of extension of the idea, of a florid complexion. The word florin, which has been in use for centuries to designate various foreign coins, also shows a derivation from the flower. The first florin was coined in Florence, but it did not take its name from that city. It was called a florin because it bore a flower—a lily—upon it. The word flower originally came from the Latin flos or floris.

Just the Thing.

"You should by all means have an Italian garden."

"All right," said Mr. Nurich. "And we'll plant some spaghetti."—Louisville Courier-Journal.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As foreman; perfectly good grower of American Beauties, tea roses and carnations. 32 years of age, single and sober. State wages in first letter. Address B. P.,
2014 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener on private estate; age 32, single; 16 years first-class experience on private establishments, under glass and outdoor. Address T. F. H.,
2103 Blue Island Ave., Chicago, Ill.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials.
FLORIST, 59 W. Ontario st.
Chicago, Ill.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY,
N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By an experienced gardener on private place. Fruit, flowers and vegetables, hot and cold graperies, hot house fruit, lawns, shrubs and all work required on private place. Best of reference. Address
Key 497 care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address
Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience.
OSCAR WERNER, 605 Main St., Petaluma, Calif.

Help Wanted—A good grower of all kinds of pot plants. Wages $15.00 per week Chicago man preferred. F. J. MUNZING,
6101 Broadway, Chicago, Ill.

Help Wanted—Two gardeners experienced in landscape planting; also nursery foreman; steady work all the year.
SWAIN NELSON & SONS CO.,
940 Marquette Bldg., Chicago.

Help Wanted—Young man who understands thoroughly retail seed business; also knows principles of landscape gardening. State experience, age and wages expected. L. MCALEER,
1022 Messanie St., St. Joseph, Mo.

Help Wanted—Florist wanted, must be experienced and with best written references. Apply at C. C. TREPEL, Florist,
Care of Bloomingdale Bros.,
59th St. and 3rd Ave., New York City.

Help Wanted—High grade saleslady for our store. Must have experience, know flowers and their value, and be able to wait on trade uncomplainingly. Have no objections to the ginghamed dressed girl. A steady position for the deserving one. Answer at once, stating wages expected and we will telegraph if agreeable.
MATTHEWS THE FLORIST, Dayton, Ohio.

For Sale—Will sell at reasonable price, five greenhouses, well stocked; dwelling house, garage and barn. For further information inquire of
MILES MEIDAM,
1362 Carver St., Appleton, Wis.

For Sale—Conservatory and greenhouse; profit $2,000 net per year; price $2,500; third cash and terms; no opposition; town 8,000; snap.
JOHN A MOODY,
London, Canada.

Greenhouse For Sale—Will sell at a reasonable price about 18,000 sq. ft. glass, barn and dwelling house. Good location for retail trade. For further information inquire at P. PHILLIP BANK,
7005 N. Clark St.
or Proprietor 5964 N. Paulina St., Chicago.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Rent—Desirable location for retail florist. Lease expiring soon. Apply
T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

LAND BARGAIN.

Fine lot, 82½ x 250 feet, splendidly located on Rock Island Railroad, near Walden station in Chicago. Ideal location for florist; excellent soil, plenty of city water and additional land adjoining if desired. Train every half hour and every other convenience that a greenhouse man may need. Can be bought dirt cheap at terms suitable to the purchaser. For further particulars address

F. W. PORTER,
Room 330, 175 West Jackson Blvd., Chicago.

Store Bargain.

Splendid opening for florist with small capital. Retail flower store, well established business. Owner must leave city on account of poor health. Investigate quick. Address

Key 498, care American Florist.

Situation Wanted

CARNATION GROWER

One capable of taking charge of a large place. Can furnish best of reference as to ability and character.

HARRY NICHOLSON,
1529 Fifth Street, Rockford, Ill.

Catalogue Man Wanted.

By an old and well established Seed House. A man with experience in Seed and Plant Catalogue work, also able to write good copy for advertisements, etc. Give your experience in detail; your age, married or single and state if now engaged. Address

Key 495, care American Florist.

Agents Wanted

Money-making proposition. Every florist can use and will buy on sight. Write for territory immediately.

DORREM SALES CO.,
4420 Prairie Ave. Dept. A,, CHICAGO

FOR SALE CHEAP

Greenhouse Plant.

Three greenhouses and heating plant—15,000 feet of glass—12 lots and five-room dwelling house and barn, both in good repair; well and city water Each house now in crop, with $3,000.00 worth now ready or nearly ready for market, and business to be turned over as a going concern. Auto truck and complete set of tools and instruments. On street car line and railroad in St. Paul, Minnesota. Must be sold at great sacrifice on account of death. Clear title to realty and personalty. Price, $7,500.00 cash. Address

Key 499, care American Florist.

Seed Clerks Wanted

Men with experience, ability and good records for retail store. Write full particulars to

The W. W. Barnard Co.
231-235 West Madison St.,
CHICAGO, ILL.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price $3.00, Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St CHICAGO.

EASTER STOCK

On time and in fine shape. Can ship any time and it would be to your advantage, if you have glass, to have stock shipped a week or two before Easter, as there is much less danger of bruising the buds on blooming stock. Then too, it will make a much better appearance developing after shipment.

State whether to be in or out of pots. Four, five and six inch stock, grown in pots, can be shipped in paper pots and save Express. Azaleas, Rhododendrons, large Roses and Hydrangeas must be left in pots.

TERMS—All orders from parties unknown to us must be accompanied by Money Order or Draft. (No personal checks). If you wire an order, wire the money also, as we refuse to ship C. O. D. to unknown parties.

Lilies, Giganteum. Very fine. 10 to 12-in. above pots, 3 to 6 buds, 10c per bud; 12 to 18-in. above pots, 3 to 6 buds, 12c per bud; 20 to 30-in. above pots, 3 to 6 buds, 15c per bud.
Azaleas, all colors, $1 00 to $1 50; can supply in bloom for immediate sales.
Spiraea, Gladstone and Alexandria, 6 and 7-in. pots, 35c to 75c each.
Rhododendrons, all colors, $1 50 to $2 50 each.
Azalea Mollis, yellow, $1 00 each.
Deutzia, Gracilis, a find Easter plant, 50c to 75c each.
Hydrangeas, new French sorts, 6-in. pots, 3 to 6 heads, 50c to $1 00 each.
Roses, Jessie, Teschendorf, Crimson Baby, 4-in., 25c each; 6-in., 60c to $1 00 each.
Roses, Tea, 4-in., 20c each.
Daffs, Von Sion, Emperor, and Bi-Nictoria, 6 and 7-in. pans, 50c to 75c each.
Dutch Hyacinths, all colors, 4-in. pots, 15c each; 6 and 7-in. pans, 60c to 75c each.
Tulips, double, all colors, 4-in. pots, 20c each; 5-in. pans, 35c each; 6-in. pans, 50c each; 7-in. pans, 75c each.
Valley, 5 and 6.in. pans, 50c to 75c each.
Pelargoniums, Easter Greeting, finest one out today, 4-in. pots, 25c each; 5-in. pots, 35c each.
Pelargoniums, named, all colors, 4-in., 20c each; 5-in., 50c each.
Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. Can supply for immediate sale also.
Primula Obconica, fine, 4-in., 15c each; 5-in., 25c each. Can supply for immediate sale also.
Callas, 5 and 6-in., 35c and 50c each.
Carnations, all colors, 4-in., 15c each.
Geraniums, 3 and 4-in., 7c and 10c each.
Ferns, Boston varieties, 4, 5 and 6-in., 15c, 30c and 40c each.
Asparagus, Plumosus, 3, 4 and 5-in , 7c, 15c and 35c each.
Asparagus, Sprengeri, 2½, 3, 4 and 5-in., 4c, 6c, 15c and 35c each.
Table Ferns, 8 sorts, 2 and 2½-in., $4 00 per hundred.
Variegated Vincas, 3 and 4-in , 6 and 10c each.
Araucarias, $1 00 each and up.
Kentias, 5 and 6-in., 75c and $1.00 each.
Phoenix Roebelenii, 8 and 10-inch, $2.00 to $4.00 each.
Rubbers, five and 6-in., 35c to 50c each.
Begonia Luminosa, 4-in., 15c each.

Write us about **Roses** for later delivery. Grafted and own root. Have a large and fine stock.

C. H. FREY, 1133 "O" Street, Lincoln, Nebr.

EASTER STOCK IN BLOOM

BABY RAMBLER, ERNA TESCHENDORFF, JESSIE and PHYLLIS, 5-inch, doz , $6.00.
MAD. JULES GOUCHAULT, 5 and 6-inch, doz., $9.00 and $12.00.
HYDRANGEA OTAKSA, 7-in., 4 to 10 flowers, doz., $12.00 and $15.00.
HYDRANGEAS, new French, 3, 4 and 5 flowers, 5-inch, each, 30c to 50c.
This stock is SELLING on sight. Place your order at once. Prompt delivery.

CHICAGO **Vaughan's Seed Store** NEW YORK
Greenhouses, Western Springs, Ill.

Cleveland.

BUSINESS NORMAL.

The weather conditions are fine, bright sunny days being the rule; however, the cold, lake winds keep the thermometer hovering around the freezing point, with heavy frosts at night. Business is normal for this time of the year, stock being plentiful, and sales satisfactory. Roses are in good supply, especially in Pink Killarney and White Killarney, and the quality is very good. Red roses are a little short of the demand, especially in long-stemmed stock. Mrs. Aaron Wards are in good supply. American Beauties are still off crop, and it is a question whether they will be very plentiful for Easter. Carnations are in good supply, white cleaning up daily, however. Sweet peas are good stock, and in good demand. Lily of the valley and violets are equal to the demand. Snapdragons clean up daily. Mignonette, daisies, freesias, calendulas and swainsonas are part of daily receipts. Calla and Easter lilies are in good supply, both long and short stem stock. Bulbous stock still arrives in quantity. Florists are ordering wire-hanging baskets and sheet moss, getting ready for outdoor work. Inquiries and orders for Easter stock are numerous and point to a good business. Florists at the Sheriff street market had a full orchestra entertaining crowds who visited there March 20.

C. F. B.

Memphis, Tenn.

St. Patrick's day brought quite a flurry of business to the trade here and notwithstanding general apathy holds the field, some interest in the window displays and quite a few dinner parties were given in celebration of the day. Some excellent hyacinths and tulips in pots and pans are shown in the various floral shops. The department stores are selling Boston and Whitmani ferns at 10 cents each this week. All were brought here from out-of-town points.

NOTES.

This city is to have a sure enough florists' club, organization having been effected by the adoption of by-laws and work mapped out for the coming year. The temporary officers are Will Englehart, president, and A. Haisch, secretary.

Albert Haisch, 87 Madison street, filed a petition in bankruptcy, March 17, liabilities $6,672.90; assets, $3,392.55. Omar L. Jewell, Tennessee Trust building, has been appointed receiver.

H.

Easter Plants

ROSES-SPIREAS-HYDRANGEAS-LILIES

SPIREA

Large supply of the finest stock that you ever had the opportunity to buy at such reasonable prices. Order today.

Baby Ramblers

$4.00 to $6.00.....per dozen

Flower of Fairfield

$6.00 to $9.00.....per dozen

Hydrangea Otaksa

5 inch, 3 to 4 heads.....50c each
6 inch, 6 heads.....75c each
7 inch specimens.....$1.25 each
9-10 inch, extra fine specimens.....$3.00 to $4.00 each
French Hydrangeas, pink, 3 to 5 heads.....75c each

RAMBLER ROSE.

SPIREAS

Gladstone—Queen Alexandria.

50 cents.....each
$6.00.....per dozen

Easter Lilies

Good supply of pot plants, 12½c per flower.

Lilac Bushes

$1.50 each.

Aucubas Japonica

15 in., 60c ea.; 2 ft., $1.00 to $1.25 ea.
Laurus Cerasus, 75c to $1.00 each.

BOXWOODS

Bushes, 10-in.....25c, $3.00 per doz.
Bushes, 12-in.....30c, 3.60 per doz.
Bushes, 12-in. extra heavy, 10-in. wide, 40c, ...$4.80 per doz.
Bushes, 15-in.....50c, $6.00 per doz.
Bushes, 18-in.....$1.00 each
Bushes, 24-in.....1.25 each
Pyramids, 30-in.....2.00 each
Pyramids, 36-in.....3.00 each
Pyramids, 3½-ft.....3.50 each
Pyramids, 4-ft.....4.00 each
Pyramids, 5-ft.....6.00 each
Pyramids, 6-ft.....12.00 each
Standards, 2-ft. stem, 12-15-in. crown, $2.00
Globe, 24-in.....$6.00 each

The Geo. Wittbold Co. —L. D. PHONE, GRACELAND 1112— 737-39 Buckingham Pl. **Chicago**

POEHLMAN

72-74 E. Randolph St.,

Headquarters Finest Quality

Cut Blooms Easter Lilies Pot Plants

Cut blooms, $10.00 to $15.00 per 100. Plants, $12.50 to $15.00 per 100 flowers.
All plants are carefully wrapped and crated so as to avoid bruising or breaking.

Fancy Mrs. Chas. Russell Roses

Large perfect flowers on all lengths of stems in good supply. This rose is preferable to the American Beauty in the shorter lengths up to 36 inches, because of its superior quality. The Russell rose has perfect flowers on strong stiff stems, and possesses splendid keeping qualities.

BEAUTIES--SUNBURST--WARD--RED ROSES
ALL THE KILLARNEYS
Single and Double TULIPS--DAFFODILS--SPANISH IRIS
CATTLEYAS--SWEET PEAS--VALLEY--VIOLETS

Will be strong on all the above mentioned stock and guarantee best quality.

Write, Wire Or Phone Your Easter Order To Us.

You will get the best quality stock obtainable and receive the best service if you buy from us. This means that your order will be filled to your entire satisfaction.

Easter Price List in Effect March 29, 1915.

ROSES

AMERICAN BEAUTIES.	Per doz.
Special	$6.00
36 inches long	5.00
30 inches long	$3.00 to 4.00
24 inches long	3.00
18 to 20 inches long	1.50 to 2.00
Short.....per 100, $6.00, $8.00 and $10.00	

	Per 100
HADLEY	$6.00 to $15.00
SHAWYER	6.00 to 15.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100
Extra long	$12.00
Long	10.00
Medium	8.00
Short	$4.00 to 6.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long	$12.00
Long	10.00
Medium	$6.00 to 8.00
Short	4.00 to 5.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	$ 4.00
30 inches long	3.00
24 inches long	2.50
18 to 20 inches long	1.50 to 2.00
Short.....per 100,	6.00 to 10.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

LILY OF THE VALLEY.	Per 100
Extra fancy	$4.00
First quality	3.00
Second quality	2.00
Gardenias.....per dozen,	$3.00 to $4.00
Cattleyas.....per dozen	$4.00 to $6.00

CARNATIONS.	Per 100
Fancy	$5.00
Our selection	4.00
Splits	$2.00 to 3.00

MISCELLANEOUS CUT FLOWERS.

Daffodils	$3.00 to $ 4.00
Jonquils	3.00 to 4.00
Paper Whites	3.00
Spanish Iris	8.00
Tulips (our selection)	2.00
Tulips (double Murillo)	4.00
Tulips (yellow)	3.00
Tulips (Kaiserkron)	4.00
Tulips (Lorraine)	3.00
Tulips (double red, double yellow)	4.00
Sweet peas (common)	.75 to 1.00
Sweet peas (Spencer, Orchid Flowering)	1.50
Lilies (long stem)	15.00
Lilies (medium stem)	12.50
Lilies (short stem)	10.00
Violets (double and single)	.60 to 1.00
Violets (Single—Princess of Wales)	.75 to 1.00

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$0.75
Smilax.....per dozen,	$2.00 to $2.50
Sprengeri Asparagus	2.00 to $ 3.00
Asparagus Plumosus.....per string,	$0.50
Leucothoe	1.00
Adiantum	1.00 to 1.50
Galax (bronze and green)...per 1,000,	$1.00
Eastern flat ferns.....per 1,000,	$3.00
Boxwood, per lb., $0.25.....per case,	$7.50
Southern Wild Smilax.....per case,	5.00

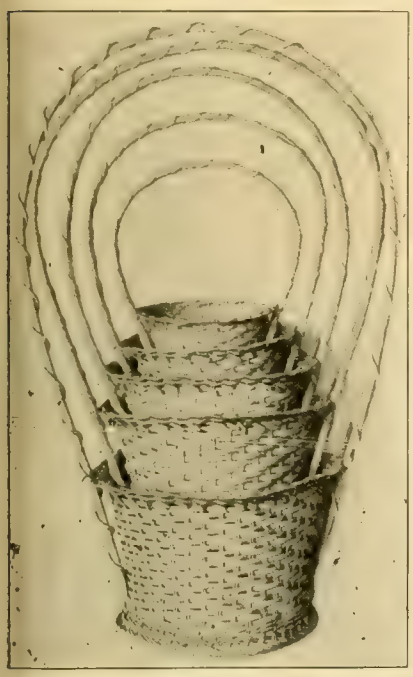
Chicago Phone No. (Cut Flower Dept.) Randolph 35. **Address All Plant Orders Direct to the Greenhouses, Morton Grove, Ill.** **Morton Grove Phone No. (Plant Dept.) Morton Grove 31-J.**

N BROS. CO.

ng Distance Phone, Randolph 35. CHICAGO, ILL.

Easter Baskets

Order what you need from us as early as possible, for Easter is rapidly approaching and you cannot afford to delay placing your order any longer. We have everything in Baskets for both Cut Flowers and Plants, at reasonable prices. Tell us just what you want when ordering and we will see to it that you will get just what you are looking for. If any of the styles you see here meet with your approval, order what you want by number and we will ship immediately.



226—1-5.
Per nest of 5.....$2.75
Green, Brown, Pink.

118. Tumbler, Two-Tone.
$3.00 per dozen.

No. 256.
High Handle Pot Cover.

Furnished Green, White and Brown.

Size Pot	Price	Size Pot	Price
4-inch....	$0.25	8-inch....	$0.70
5-inch....	.35	9-inch....	.90
6-inch....	.50	10-inch....	1.25
7-inch....	.60		

2179.
14 inches high.
Two-tone effect.
$6.00 per dozen.

SPECIAL EASTER OFFER

Set of 5 Bamboo Baskets for Lily Pot Plants.

Green or Brown, - - - - 75 cents per set
Formosa Cut Flower Baskets, - - per dozen, $2.00

Crepe Tissue Covers

3 to 5-inch assorted colors, - - 75 cents per 100
Waterproof Crepe Paper, - - $15.00 per 100 rolls

Also All Other Supplies

Straw mats for wrapping plants, ribbons, chiffons and everything else that you need. If you have not already placed an order with us for supplies, do so immediately, you cannot do any better elsewhere.

2163.
14 inches high.
Two-tone effect.
$6.00 per dozen.

POEHLMAN

72-74 E. Randolph St.

WESTERN PALM HEADQUARTERS

Largest supply of choice Kentias we have ever offered. Both single and made-up

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

			Each
4 inch pots,	5 to 6 leaves,	18 in. high	$0.35
6 inch pots,	6 to 7 leaves,	24 in. high	1.00
6 inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
6 inch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
7 inch pots,	6 to 7 leaves,	40 to 42 in. high	3.00
8 inch tubs,	6 to 7 leaves,	40 in., heavy	3.50
8 inch tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
8 inch tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
8 inch tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1.20
7-in. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

4 inch pots,	5 to 6 leaves,	18 to 20 in. high	$0.35
6 inch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
8 inch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
8 inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
10 inch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
10 inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Phoenix Roebelenii

4-in. pots, nicely characterized, 40 cents.
7-in. pots 22-in. high 30-32-in. spread.....$2.00
7-in. pots, 26-in. high 34-36-in. spread..... 2.50
8-in. tubs, grand specimens..... 3.50

Areca Lutescens

6-in. pots, 3 plants in pot..... 1.00
7-in. pots, 3 plants in pot..... 1.50

Kentia Forsteriana

Made-up Plants

			Each
6 inch pots,	3 plants in a pot,	28 in. high	$1.50
7 inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs,	4 plants in a tub,	38 to 40in. high	3.00
8 inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8 inch tubs,	3 plants in a tub,	48 to 54 in. high	5.00
8-inch tubs,	4 plants in a tub,	52 to 56 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00

Very strong specimens, in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

FERNS—Boston, Whitmani, Roosevelt.

6 inch, each.....	$0.50	per doz.....
7 inch, each.....	.75	per doz.....
8 inch, each	1.00	per doz.....
10 inch, each.....	2.50	
12 inch, each.....	3.50	

Extra fine Boston and Asparagus Hanging ... $1.50 to $3.00 each.

Pandanus Veitchii

Highly colored, 4-in , 50c; 5-in., 75c to $1.00; 6-in. $1.50; 7-in., $2.00 to $2,50 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz; 5-in. $5.00 per doz.; 6-in., $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Compacta,** large plants. $1.50 to $2.00 each.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage

Crotons

Well colored in all varieties, extra fine, 50c to $1 each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

Cannas

Dry roots, 2 to 3 eyes.	Per 100
King Humbert.....	$3 00
Richard Wallace.....	2 50
Souv. de A. Crozy.....	2 50
Mme. Berat.....	2 00
Gladiator, Venus, Jean Tissot.....	2 50
Queen Charlotte.....	3 00
Pennsylvania.....	2 50
Pres. Meyers.....	2 00
Egandale, David Harum.....	2 50
Mrs. Kate Gray.....	2 50

You can get all the Cannas listed above in ... 3-in., $5.00 per 100;4- in., $8 per 100.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

GRAFTED AND OWN ROOT ROSE PLANTS

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future deli...

Grafted, 2½-in.	Per 1000	Per 5000
Ophelia.....	$130 00	$600 00
Hadley.....	120 00	550 00
Milady.....	110 00	500 00
Mrs. Geo. Shawyer..	110 00	500 00
Aaron Ward.....	110 00	500 00
Killarney.....	110 00	500 00

Grafted, 2½-in.	Per 1000	Per 5000
White Killarney.....	$110 00	$500 00
Killarney Brilliant..	110 00	500 00
Richmond.....	110 00	500 00
Bulgarie or Taft.....	110 00	500 00
Cecile Brunner.....	100 00	.....

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in.	Per 1000	Per 5000
White Killarney....	$60 00	$275 00
Pink Killarney.....	60 00	275 00
Richmond.....	55 00	260 00
Bulgarie or Taft.....	60 00	275 00

Own Root, 2½-in.	Per 1000	P
Aaron Ward.....	$60 00	
Milady.....	60 00	
Hadley.....	70 00	
Prince d'Arenberg..	60 00	

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white.....$8 00 per 100; $70 00 per 1000

Miss Pauline Anderson, late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost.....	$2 50	$22 00	$3 00	$27 00
Virginia Poehlmann.....	2 50	22 00	3 00	27 00
Charles Razer.....	2 50	22 00	3 00	27 00
Elise Papworth.....	2 50	22 00	3 00	27 00
W. H. Chadwick.....	2 50	22 00	3 00	27 00
Timothy Eaton.....	2 50	22 00	3 00	27 00
Lynnwood Hall.....	2 50	22 00	3 00	27 00
Smith's Ideal.....	2 50	.....	3 00	.....
Oconto.....	2 50	22 00	3 00	27 00
Alice Salomon.....	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn.....	2 50	22 00	3 00	27 00
RED—Schrimpton.....	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece.....	$2 50	$22 00	$3 00	$27 00
Enguehard.....	2 50	22 00	3 00	27 00
Maud Dean.....	2 50	22 00	3 00	27 00
R. E. Loeben.....	2 50	22 00	3 00	27 00
Patty.....	2 50	22 00	3 00	27 00
Wells' Late Pink.....	2 50	22 00	3 00	27 00
Chieftain.....	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow.....	$2 50	$22 00	$3 00	$27 00
Chrysolora.....	2 50	22 00	3 00	27 00
Bonnaffon.....	2 50	22 00	3 00	27 00
Yellow Eaton.....	2 50	22 00	3 00	27 00
Yellow Salomon.....	2 50	22 00	3 00	27 00

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we grow these in quantities ourselves:

Champion, red, $6 00 per 100; $50 00 per 1000. **Philadelphia,** light pink, $6.00 per 100; $50 per 1000 **Beacon,** $25 00 per 1000. **Scarlet Glow,** per 1000. **Gorgeous,** $5.00 per 100; $40.00 per 100

2½ inch Pe...

Winsor.....
Philadelphia.....
Enchantress.....
Champion.....
Gorgeous.....
Scarlet Glow.....
C. W. Ward.....

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

N BROS. CO.

ıg Distance Phone, Randolph 35. **CHICAGO, ILL.**

40,000

ILY PLANTS IN POTS

FOR EASTER

etter Lilies Were Never Offered

the plants are of a fair average height, ranging from 14 inches to 24 inches above pots and bearing from 4 to 12 blooms each. Size of pots 5½ x 6 inches.

nts having 5 or more flowers to pot, $100 per 1000 buds or blooms.
nts having 3 or 4 blooms to pot, $110 per 1000 buds or blooms.

lers exceeding 1000 blooms will include plants with 3 or 4 flowers to plant. Can furnish pans with 15 to 30 blooms per pan.

AZALEAS

FOR EASTER

In all sizes, from $1.00 to $3.00 each. Specimens, $3.50 to $8.00, in varieties as follows:

Mme. Vander Cruyssen,
Empress of India,
Empereur du Bresil,
Schryveriana,
Prof. Wolters,
Niobe.

We also have a fine stock of the new variety, **Blushing Bride,** a novelty light pink, extra fine, $1.25 to $2.00 each.

Hydrangeas

All popular varieties in the French sorts, also Otaksa, prices from 50c to $1.50.

Hyacinths

In all colors in pots, pans and boxes at 8c per bulb.
Single Hyacinths in four-inch pots, 10c.

Baby Rambler and H. P. Roses

50c to $1.00 each, in bloom.

Lily of the Valley

In pots in bloom.

50c to 75c - - - - - each

Easter Flowers

HEAVY SUPPLY OF

BEAUTIES AND ROSES

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

Roses.

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Rhea** and **Richmonds.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

Beauties.

A choice cut of long and short stems. Not many medium lengths are now being cut.

Carnations.

A fine supply of very fine quality pink, white and our extra fancy red **Belle Washburn.**

Sweet Peas.

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. $1.00 to $2.00 per 100.

Easter Lilies.

Our cut Lilies are the choicest coming into this market—stems 3 to 4 feet long—large, fancy flowers, $12.00 per 100; $2.00 per dozen.

Jonquils, Sweet Peas, Valley and **Greens**—large supply constantly on hand.

Tulips, all colors, single and double.

PRICE LIST

BEAUTIES.	Per doz.
Extra long specials	$5.00
30 to 36 in. stems	4.00
24 in. stems	3.00
15 to 20 in. stems	$1.50 to 2.00
Shorter lengths	.75 to 1.00

Killarney Brilliant, Sunburst, Bulgarie, Rhea Reid.	Per 100
Specials, extra long stems	$12.00
Good length	10.00
Medium length stems	8.00
Short length stems	$5.00 to 6.00

Richmond, Pink Killarney, White Killarney.	
Long stems	8.00 to 10.00
Medium stems	6.00 to 7.00
Short stems	4.00 to 5.00

Pink and White Killarney.	Per 100
30 to 36 inch stems	$12.00
Roses, our selection of 100 or more	4.00

Carnations.	
Red, extra fancy **Belle Washburn**	5.00
White, fancy	5.00
Pink, fancy	4.00
Easter Lilies, cut with stems two to four feet long, and extra choice flowers	12.00
Lily Plants, Giganteum, 24 to 30 inches 10c per bud.	
Tulips, all colors, single and double	$2.00 to 4.00
Jonquils and Paper Whites	3.00
Sweet Peas, according to quality	1.00 to 2.00
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 2.50

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

PLENTY OF STOCK.

Trade has been rather quiet the past week, but is better at this writing, with plenty of stock of all kinds on hand to fill the orders. Roses of fine quality are arriving in good supply, especially fancy Mrs. Chas. Russell, which are seen featured in the window displays of the leading stores. Richmond is also in good supply, but is not moving any too well. American Beauty roses are arriving in large quantities and are being jobbed off in some instances at rather low prices. Killarney, White Killarney, Killarney Queen, Killarney Brilliant, Hadley, Mrs. Geo. Shawyer, Milady, Rhea Reid, Sunburst, Bulgarie and Mrs. Aaron Ward are included in the offerings, and like the other roses, are plentiful. Carnations are seen at all the stores in large quantities, and while they clean up well each day, it is at low prices. Lily of the valley is in over-supply and has sold at lower prices last week than for some time past. Gardenias are none too plentiful at present, but orchids are in fair supply. Sweet peas of magnificent quality are seen in quantity, and while they are in good demand, prices are not what they should be, but have been inclined to stiffen the past few days. Callas do not appear to be any to plentiful, but lilies are in large supply and in good demand. Freesia is not selling as well as it might, and fancy stock is obtainable at very reasonable prices. Double violets are to be had in quantity, but home grown singles are scarce at times. Choice pink and yellow snapdragons are being offered, but clean up well each day at good prices. A limited supply of Ten Weeks stock and Spanish Iris is seen. Tulips, daffodils, jonquils, Paper White narcissi, daisies, pansies, mignonette, calendulas, forget-me-nots and other miscelleanous stock is also seen in quantity and southern jonquils are arriving in larger supply. Out-of-town as well as local orders are being booked for Easter in large numbers, and while everyone expects that cut flowers will be plentiful, and prices will be lower than last year, a brisk Easter trade is expected and it is advisable for everyone to place their orders well in advance. The demand the past week for Easter plants has been brisk, and while there appears to be a lot of lilies in sight at present, a cleanup in this item can be expected. Azaleas, roses, spireas, hydrangeas, rhododendrons and deutzias are as usual among the offerings and bulbous stock in pots and pans seems to be in larger supply this year. The supply houses all report a busy week with the demand for cut flower and plant baskets unusually heavy.

SNAPDRAGONS

Pink-Yellow, 50c to $2.00 per doz.

Sweet Peas - Roses - Carnations - Lilies - Tulips Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

Mention the American Florist when writing.

NOTES.

Miller & Musser have made arrangements to take over the wholesale cut flower business of the Frank Floral Co., and will take possession on April 1. Further particulars will be announced later.

Weiland & Risch have a new pink rose called Champ Weiland that appears to be very promising and will be disseminated in 1916.

Here's Where You Can Get The Best

CARNATIONS

FOR EASTER

We will have a big crop of Carnations of as good quality as there is obtainable in the Chicago market and would be pleased to book your order for same now.

ROSES

LARGE CUTS

American Beauty, Killarney, White Killarney, Richmond and Sunburst.

For those who have used our stock in the past, nothing need be said unless it be that we will have a mammoth cut of the same fine stock that we are supplying them with now. To new customers, however, we would advise placing your Easter order here. You will not be disappointed.

Easter Price List

Subject to Change Without Notice.

American Beauties

	Per Doz.
Long stems	$6.00
36-in. stems	4.00
30-in. stems	3.00
24-in. stems	2.50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney

	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond

	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Sunburst

	Per 100
Extra Special	$10.00
Selects	8.00
Fancy	6.00
Good	5.00

Carnations

	Per 100
Extra Special Red, Enchantress—Pink and White	$5.00
Good	4.00
Splits	$2.00 to 3.00

Lilies, Fancy—Per 100, $12.50 to $15.00

	Per 1000
FERNS	$3.00
SMILAX	doz., $2.50
ADIANTUM	1.00

SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

EASTER PRICES

EASTER LILIES.

Cut Easter Lilies...$1.50 to $2 per doz.
Cut Easter Lilies.$12.50 to $15 per 100
Cut Easter Lilies.....$100 per 1,000

AMERICAN BEAUTIES.

	Per Doz.
Specials	$6.00
36-inch stems	5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.00
15-inch stems	1.50
Short stems	1.00

RICHMOND, KILLARNEY, WHITE KILLARNEY AND MY MARYLAND ROSES.

	Per 100
Select	$12.00
Fancy	10.00
Medium	8.00
Good Short	$4.00 to 6.00

NEW ROSES.
MRS. GEO. SHAWYER, MRS. AARON WARD, KILLARNEY BRILLIANT, SUNBURST, BULGARIA AND OPHELIA.

	Per 100
Select	$12.00
Fancy	10.00
Medium	8.00
Good Short	6.00

CARNATIONS.

Fancy	$5.00
Firsts	4.00
Commons	3.00

ORCHIDS.

Cattleyas.....per dozen $4.00 to $6.00

MISCELLANEOUS.

	Per 100	
Callas..per doz., $2.00..	$12.00 to	$15.00
Jonquils		3.00
Daffodils		3.00
Tulips	3.00 to	4.00
Spanish Iris	6.00 to	8.00
Valley	3.00 to	4.00
Violets, double		.75
Violets, single	.75 to	1.00
Sweet Peas	.75 to	1.50

DECORATIVE.

Adiantum	.75 to	$1.00
Smilax per dozen, $1.50 to $2		
Sprengeri Plumosus Sprays	2.00 to	4.00
Plumosus Strings.....each, 60c		
Extra long Green and Bronze Leucothoe		.75
Extra long Green and Bronze Leucothoe... per 1000, $4.00 to $6.00		
Ferns....per 1000, $2.50		
Galax....per 1000, $1.00 per case, $7.50		

YOU CANNOT

buy our quality of Flowers elsewhere at a lower Price, and YOU CANNOT buy our quality of service elsewhere AT ANY PRICE.

Very truly yours,
PERCY JONES.

The Cook County Florists' Association met at The Tavern, West Washington street, March 18, to consider the invitation to join the Chicago Florists' Club either as a body or individually. After considerable discussion a committee, consisting of John Zech, Wm. H. Amling and Philip Brodbeck was appointed to meet with a committee representing the Florists' Club and consisting of W. J. Keimel, James Morton and John Degnan on Tuesday, March 23. The meeting was then adjourned until Thursday, March 25, when the committee will make its report and some definite action will be taken.

The McNeff-Swenson Co., 224 South Michigan avenue, which have been supplying the retail florists throughout the country with advertising folders, have samples of their new spring planting, Mother's Day and Memorial Day ones ready and will be pleased to mail them to interested florists upon request. Only one florist is supplied in each town so applications for this splendid service should be made immediately.

Percy Jones never had as fine or as large a supply of choice tulips as he is offering right now and it is pleasing to note that they are in brisk demand for they are deserving of immediate sale. Carnations are in good supply at this store and the outlook for a big Easter crop is very promising.

Hoerber Bros. have replaced all the wooden posts under the benches with concrete ones in their greenhouses at Des Plaines and with their new heating system working like a charm everything about the premises is in the best condition. This firm will be in fine crop with roses and carnations for Easter.

Vaughan's greenhouses, at Western Springs, are offering for Easter an extensive line of handsome rambler roses, also azaleas, rhododendrons, hydrangeas, spireas, etc., with their usual high-grade stocks of Boston ferns, pandanus and crotons.

A. T. Pyfer & Co. are redecorating the interior of their store and will have everything in tip-top condition for Easter. Miss Nettie Parker, the popular young secretary of this firm, celebrated a birthday on Wednesday, March 24.

At Erne & Klingel's store smilax is in good supply and is selling well. Sweet peas, roses and carnations are arriving in large quantities and some especially fine Killarney are among the offerings.

The E. C. Amling Co. and the A. L. Randall Co. are moving into their new quarters in the Le Moyne building on Lake street and North Wabash avenue where the Easter trade will be handled.

The shipping trade is on in earnest at the Geo. Wittbold Co.'s store, the demand for Easter plants such as spireas, rambler roses, hydrangeas and lilies being as usual in brisk demand.

George Economopolus says that sweet peas are in brisk demand at the Alpha Floral Co.'s store and more sales are recorded each day for this item than any other flower.

Joseph Ziska & Sons report a brisk demand for supplies of all kinds and manage to fill all orders on time even though their ever increasing business demands larger quarters.

The Chicago Flower Growers' Association is receiving a large variety of choice stock in all the seasonable offerings and is looking forward to a brisk Easter trade.

Miss Schroeder is the latest addition to the staff of the Atlas Floral Co. on East Randolph street where Mrs. Irene Williams presides.

M. C. Gunterberg expects that violets will be plentiful at Easter and is booking orders accordingly.

A. Miller of A. Henderson & Co. has returned from an out-of-town trip.

Easter Basket Bargains

$15.00
Easter Assortment
50 Baskets With Liners.

This is a special assortment of small cut flower baskets of ten different designs. There are a variety of colors from which to make your selection as follows: Brown, green, fumed oak, antique green, two-toned and our new "sunray" shades.

Order Now. Don't Wait.

$25.00
Easter Assortment
40 Plant Baskets.
(Liners Extra at Cost.)

Everything that you need for your Easter trade in all the desired styles and colors. You can safely leave the selection to us for we know just what you need and fill your order accordingly.

Don't Wait. Order Now.

Raedlein Basket Co.
713 Milwaukee Ave.,
CHICAGO.

To Reach Our Store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

MAMMOTH SUPPLY

ROSES--CARNATIONS

FOR EASTER

Send us your order and we will fill it to your satisfaction at the prices quoted.

Easter Price List.

AMERICAN BEAUTIES	Per doz.
Extra long stems	$6 00
48-inch stems	5 00
36-inch stems	4 00
30-inch stems	3 00
24-inch stems	2 50
20-inch stems	2 00
15-inch stems	1 50
Short	$0 75 to 1 00

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Wards, Milady, Shawyer	Extra select	$10 00
	Select	8 00
	Medium	$5 00 to 6 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$3 00
Select	2 50
Medium	$1 50 to 2 00
Short	75 to 1 00
	Per 100
ROSES, our selection	**$4 00**
Carnations, fancy	5 00
Select	4 00
Good grade	3 00
Harrisii	$12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00 35

2,000,000 Feet of Modern Glass

35,000 Pot Lilies

For Easter

Magnificent plants for Chicago delivery only, 8c, 10c and 12½c per flower.

Samples of the stock we are offering can be seen at our store. Come in and see them as quickly as possible for all orders will be filled in rotation. Order early and avoid disappointment.

CUT LILIES

Mammoth supply of fine stock. $8.00, $10.00, $12.50, $15.00 per 100.

One of our best growers makes a specialty of forcing Lilies for Easter and has year after year produced the best offered in this market. This season the stock will be even better than usual and we guarantee same to be strictly fresh. Order what you need now and you will not regret it.

ALL OTHER STOCK IN SEASON.

JOHN KRUCHTEN,

162 N. Wabash Ave., Phone Central 6269 **CHICAGO**

O. P. Bassett, senior member of the well known wholesale firm of Bassett & Washburn, will celebrate his eightieth birthday next Tuesday, March 30 at Pasadena, Calif., where he and Mrs. Bassett have been making their home for several years past. Mr. Bassett has a host of friends in the trade throughout the country who all unite in wishing him many happy returns of the day. C. L. Washburn says there will be a big celebration in Pasadena on March 30 in honor of the event.

The Bohannon Floral Co. always has a magnificent display of cut flowers and plants at its new store on East Monroe street, and it is a pleasure to visit this establishment where nothing but the best of everything is carried to supply the high class trade that it enjoys.

The Raedlein Basket Co. never had as brisk a demand for Easter baskets as they are experiencing this year the call being principally for their $15.00 and $25.00 assortments of cut flower and plant baskets.

O. A. Tonner, in speaking of the market conditions, states that pink and yellow snapdragons are in brisk demand at her store and that a cleanup is experienced each day at good prices.

Gust. P. Constantino is attending to his duties again at the Chicago Floral Co. store after being confined to his home for several weeks with a severe cold.

Mrs. Horton, of the Bassett & Washburn office force, is expected home from California where she has been taking in the sights at the Panama-Pacific exposition.

The entrance to Kennicott Bros. Co.'s store in North Wabash avenue will be changed soon after Easter to conform with the new city ordinance.

F. F. Benthey is again on deck at Kennicott Bros. Co.'s store after being on the sick list for several days.

Let Us Book Your Easter Orders Now.

Heavy Supply for Easter

Anything and Everything in Seasonable Cut Flowers.

Including **the best that there is in Roses, Beauties, Ophelia, Russell, Richmond, Ward, Sunburst and Milady.** Our **Double White Killarney** are without an equal. **Large heavy foliage** and of **pure white type,** which **do not** show the dull pinkish color that is prevalent among the other strain of White Killarney, which they assume at this season of the year.

Carnations, Easter Lilies, Violets, Sweet Peas, Tulips, Jonquils, Daffodils, Mignonette and Other High Grade Quality Stock.

We receive our supplies of **Easter Lilies** from the best lily growers in and around Chicago, hence you can depend upon receiving the best.

Also a large supply of our famous **BLUE RIBBON VALLEY,** which is recognized by city buyers to be the **best Valley** on the Chicago market. **Order some and be convinced.**

HONEST DEALING——————OUR MOTTO——————GOOD VALUES

We aim to **please** in every respect, and out-of-town customers will be **benefited** by sending us their orders; by so doing you will find we can **we can save you money. We grow our own stock,** thereby assuring you of getting **absolutely fresh stock,** besides **saving you the commission man's profit.**

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-86 East Randolph Street, CHICAGO.

ROSES, VALLEY and CARNATIONS A Specialty.....

WHOLESALE Grower of CUT FLOWERS

Prices As Low As Others.

Otto W. Frese visited Poehlmann Bros. Co.'s greenhouses at Morton Grove on Monday, March 22, to get a line on the stock that his firm will have to offer for Easter. He found everything in splendid condition and the outlook is fine for heavy cuts of roses, carnations, lily of the valley, bulbous stock, etc. Mr. Frese, who is an expert judge of stock, says that he never saw as fine a lot of lilies as his firm has this year and that the same holds good for azaleas, and other visitors to the greenhouses are of the same opinion. Orders are arriving in grand style at both the store and the greenhouses and a very brisk Easter trade is anticipated. T. E. Waters and his assistants are busy filling orders in the supply department for Easter stock, especially for cut flowers and plant baskets, which are in excellent demand.

Peter Sroczynski, 1525 North Harding avenue, was operated upon February 20 for gall stones and 19 days afterwards was able to return home and is improving a little each day. During the time he was in the hospital business went on without a hitch and his stock of Easter lilies have a good count this year and will be as good as ever. He says he had one consignment of bulbs from Holland, mostly tulips, which was the largest dump that he had in 25 years. Everybody who knows Mr. Sroczynski or "Big Pete," as he is often called, are pleased to hear that he is feeling better and hope to see him about again soon.

Peter Reinberg and wife are visiting at West Baden for a few weeks. At the store the receipts of My Maryland and Mrs. Chas. Russell roses are large and according to Felix Reichling will be in nice crop for Easter. At the greenhouses Emil Reichling and his crew have practically finished planting all the Mrs. Chas. Russell roses which are being grown in exceedingly large numbers and replaced the American Beauty to a large extent.

The Fleischmann Floral Co. is making very elaborate window displays of cut flowers and plants at its East Jackson boulevard store, and particularly noticeable this week was an artistically arranged basket of splendidly grown Mrs. Chas. Russell roses, colored freesias, jonquils and pussy willows.

John Kruchten is pleased with the way his pot lilies have been selling and has many nice large orders booked for Easter. He has over 35,000 pot plants to offer this year and intends to dispose of them all to the local trade. His receipts of cut blooms will be as large as in former years.

Zech & Mann are having a brisk local and out-of-town demand for fancy sweet peas, which are being handled in unusually large supply at this establishment this season. They will have a large quantity of lilies to offer at Easter.

Paul M. Palez, Little Rock, Ark., has been here for several days buying stock for his Easter trade. He reports that business has been quiet in Little Rock so far this year, but has shown considerable improvement since March 1.

John Kruchten was relieved of a new pair of auto tires and a complete set of tools when somebody broke into his garage one night this week and walked away with the outfit.

George Reinberg filled a large order for rose plants this week that called for a whole car load of stock.

J. J. Kral, formerly with the Fleischman Floral Co., is now in the employ of George Wienhoeber.

Heaton Nichols has taken over the management of the Labo greenhouses at Joliet.

Violets

FOR EASTER

Quality and Quanity

$5.00 and $7.50 per 1000

ORDER EARLY

M. C. Gunterberg

56 E. Randolph St., Chicago.

A. L. VAUGHAN & CO.

161 N. Wabash Ave., (NOT INC) TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

FOR EASTER

Beauties--Roses--Carnations--Lilies

EASTER PRICE LIST Subject to Change Without Notice.

BEAUTIES.	Per doz.
Long stems	$6.00
30 to 36-inch stems	5.00
20 to 24-inch stems	$3.00 to 4.00
15 to 18-inch stems	2.00 to 2.50
12-inch stems	1.00 to 1.50

ROSES.	Per 100
Killarney, fancy	$8.00 to $10.00
" good	5.00 to 6.00
" short	4.00
White Killarney, fancy	8.00 to 10.00
" " good	5.00 to 6.00
" " short	4.00
Richmond, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Killarney Brilliant, fancy	8.00 to 10.00
" " good	5.00 to 6.00
" " short	4.00
Roses, our selection	4.00

ORCHIDS.	
Cattleyas per doz.,	$6.00

CARNATIONS.	Per 100
Carnations	$3.00 to $4.00
" special fancy	5.00
" splits	2.00

EASTER LILIES.	Per 100
Extra select	$15.00
Fancy	12.50
Good	10.00
Short	8.00

MISCELLANEOUS.	Per 100
Callas	$12.50 to $15.00
Valley	3.00 to 4.00
Sweet Peas	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double	.50 to 1.00
Freesias	3.00 to 4.00

GREENS.		
Asp. Plumosus	per string,	$0.50
Asp. Plumosus Sprays	bunch, $0.35 to	.50
Sprengeri	per bunch, .35 to	.50
Adiantum	per 100,	1.00
Smilax, choice	per doz., 1.50 to	2.00
Fancy Ferns	per 1,000,	3.00
Galax Leaves	per 1,000,	1.00
Boxwood, per lb., 25c.	50-lb. case,	7.50
Pussy Willow	per bunch, .35 to	.50

☞Get Our Quotations on Lilies and Other Stock in 1000 Lots.☜

BIGGER SUPPLY

THAN EVER FOR EASTER

Roses, Lilies,
Sweet Peas, Valley,
Callas, Violets,
Carnations, Tulips,
Freesias, Jonquils,
Daffodils,
Greens, Etc.

EASTER PRICE LIST

BEAUTIES.	Per Doz.
12-inch to 36-inch stems	$1.00 to $6.00

ROSES.		Per 100
Killarney, White Killarney, Richmond, Maryland	special	$10.00
	fancy	8.00
	good 5.00 to	6.00
Ward, Sunburst, Killarney Brilliant	special	12.00
	fancy 8.00 to	10.00
	good 5.00 to	6.00
Roses, our selection		4.00
Cattleyas	per doz., $4.00 to	$6.00
Carnations	$3.00 to	$4.00
" special fancy		5.00
" splits		2.00

EASTER LILIES.	
Select	$12.50 to $15.00
Shorter	10.00

MISCELLANEOUS.	Per 100
Callas	$12.50 to $15.00
Valley	3.00 to 4.00
Sweet Peas	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double	.50 to 1.00
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Fancy Ferns	per 1,000,	3.00
Galax Leaves	per 1,000,	1.00
Boxwood, per lb., 25c.	50-lb. case,	7.50
Pussy Willow	per bunch, .35 to	.50

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone Randolph 6578. **CHICAGO, ILL.**

Wietor Bros. will be in fine crop for Easter again this year with roses and carnations and the indications at this house are that trade will be brisk, for quite a number of orders have already been booked and more are arriving each day. The carnations that this firm is now cutting are of splendid quality, especially Philadelphia, Champion, Bonfire and Enchantress. The demand for rose plants and carnation cuttings is better than it has been for some time. Killarney Brilliant is selling especially well.

At J. A. Budlong's the receipts of roses and carnations are gradually increasing, which points to large crops for Easter. American Beauty roses are arriving in nice condition at this store and the supply of lily of the valley is quite large.

The management of the Madison Garden roller rink on West Madison street have set the evening of March 31 as the date of their big floral carnival. It is understood that all who attend are to get a floral token.

Kyle & Foerster are pleasing their many customers with choice sweet peas which they are handling in large quantities.

A baby girl gladdened the household of Arthur Paulus and family, Sunday, March 14.

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

FOR EASTER
SWEET PEAS--LILIES
ROSES--CARNATIONS

Heavy supply of fancy Sweet Peas which are without question the finest that are now reaching this market. Our Lilies were never better or in larger supply than they are now and our **Roses** and **Carnations** are the best that you can obtain anywhere for the money. In Roses and Carnations we have all the best new and standard varieties in such big supply that we can fill all orders.

Beauties, Valley, Tulips, Daffodils, Jonquils, Choice Single Violets, Callas and all other seasonable cut flowers. Complete line of Greens. Always remember that our line is so complete that if any particular item is desired and is to be had, it is usually at our establishment. Get in touch with us right away in regard to your Easter supply.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284 3283 Chicago

At A. L. Vaughan & Co.'s store the shipping trade is keeping up splendidly and the local demand is improving considerably. Mr. Vaughan expects that the Easter trade will be as good, if not a great deal better, than in former years, for advance orders are numerous. Roses, carnations and lilies will be in good supply at this house for the big flower day.

Visitors: A. W. Lemke, St. Paul, Minn.; Paul M. Palez, Little Rock, Ark.; Miss Fern Osborne and mother, Rensselaer, Ind.; R. L. Spalding, Villa Ridge; Dan MacRorie, San Francisco, Calif.; — Michler, Michler Bros., Lexington, Ky.; Mrs. P. N. De Haven, Tulsa, Okla.

St. Louis.

STOCK CONTINUES PLENTIFUL.

The past week stock in general was plentiful. White carnations from March 15 to 17 were stiff in price, three to four cents being the prevailing price. Colored varieties in carnations were plentiful. In roses the only scarcity appeared to be in American Beauties. Violets are getting smaller blooms daily. Sweet peas, especially in the poorer grades, are plentiful. Plenty of all varieties of greens.

NOTES.

A petition signed by a score of leading florists and gardeners of the city has been sent to Emil N. Tolkacz, director of public welfare, asking him to consider Henry C. Muskopf, an expert landscape architect, as the successor to Dwight F. Davis as park commissioner.

Rev. A. A. V. Binnington of St. Luke's Episcopal church, Lebanon, Pa., has been selected as the preacher of the annual flower sermon at Christ Church cathedral, provided for by the will of the late Henry Shaw, founder of the Missouri botanical garden.

Vincent J. Gorly, of Grimm & Gorley, who has been confined to his home several weeks with a broken leg, is convalescing. It was thought the injury was to the ankle, but an X-ray photograph located the fracture above the ankle.

Martin J. Seeger, manager of Mullanphy Florists, is authority for the statement that the decoration of home and yard with flowers and plants is becoming more a part of the clean-up campaign each spring.

Paul Berkowitz, of H. Bayersdorfer & Co., Philadelphia, Pa., is with us. He reported trade in general good and the outlook for this city very encouraging.

The residence and lot of Wm. Young, of the firm of C. Young & Sons, was sold the other day for $125,000 by a real estate firm to erect apartment houses.

Quite a few of the downtown florists had green carnations at five cents while the street fakirs sold them at 10 cents. Who are the fakirs?

The Wm. C. Smith Wholesale Floral Co. had a fine stock in sweet peas, home grown roses and carnations during the past week.

All the West End florists have fine displays of blooming plants and the general outlook for Easter trade is good.

Alex. Siegel had a smile St. Patrick's day. Carnations at five cents and 25 cents per dozen. Alex for bargains.

At Union Market the past week bad weather curtailed the sale of plants to a great extent.

C. A. Kuehn has some fancy roses and good American Beauty roses, commanding good prices.

Geo. H. Angermueller is a big advertiser and puts his goods before the trade at all times.

The plantsmen are busy preparing for Easter which is but two weeks off at this time of writing.

The St. Louis Seed Co. reports trade as picking up with good spring advance orders.

Paul M. Palez of Little Rock, Ark., visited the wholesale market March 20.

Moss Floral Co. is building up a good trade at their new location, Jefferson avenue and LaFayette street.

Mullanphy Florists had shamrocks from the "old sod" for sale at 25 cents each.

Otto Bruening, manager for H. G. Berning was on the jury all last week.

W. F.

ROSES--LILIES

Carnations-Valley-Violets

and everything else in seasonable Cut Flowers and Greens in mammoth supply for Easter. For prices see our display advertisement on page 462 in last issue of **The American Florist.**

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

New Orleans Horticultural Society.

The monthly meeting of the New Orleans Horticultural Society was held March 18, President P. A. Chopin and Secretary C. R. Panter at their respective posts. The committee on by-laws submitted the revised laws and they were distributed among the members present. Application for membership, made by H. Mische, was balloted upon and he was unanimously elected. The question of making a spring exhibit was taken up and discussed by P. A. Chopin, J. Steckler, P. Abele, H. Kraak, H. Illenberger, R. Eichling and others. All of the above members seemed to think that the time was opportune to hold a spring show, in connection with the members of the committee who are undertaking the project of making the city beautiful campaign a success, and the president appointed the following committee to arrange details: J. Steckler, chairman; P. A. Chopin, ex-officio; C. R. Panter, secretary; P. Abele, H. Kraak, H. C. Doescher and C. W. Eichling.

CHAS. R. PANTER, Sec'y.

Easter Lilies

Large fancy flowers at 8c, 10c, 12½c each.

Roses

Select stock. Large heads, fine stems and clean, healthy foliage. **Killarney, White Killarney, Killarney Brilliant,** 4c, 6c and 8c each. Extra select, billed accordingly.

DAISIES (White)
Fancy, 75c per 100.

Greens of all kinds at moderate prices.

Carnations

Large fancy flowers on long, stiff stems, at 3c, 4c, 5c and 6c each.

SWEET PEAS

Fancy stock in assorted colors, $1.50 to $2.00 per 100.

DAFFODILS--JONQUILS--TULIPS

Choice stock at 2c, 3c and 4c.

We have taken over the entire Cut Flower business of the

CHICAGO CARNATION CO.

and are now conducting it under our own name.

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

Minneapolis, Minn.

MARKET SHOWS IMPROVEMENT.

Market conditions have improved during the past week. Paper-whites are not very plentiful, and yellow tulips are scarce, but other colors are in good supply. Daffodils and jonquils are not so plentiful as a week ago. The demand for roses is in balance with the supply, and carnations are getting more plentiful, but the price holds the same—three cents for good stock. Lilies are arriving in fine condition, and easily command 10 cents for quality stock. Pot stock commands from 8 to 12½ cents in fancy grades. The florists as a rule are using plants for window displays and report excellent sales in this line as compared with previous years. The low prices that have ruled on special sales have advanced somewhat during the past week, but customers still seem to think that the retail florist is making an exceptionally large profit at $1 a dozen for stock they get, or think they get, in quality just as good as 24 cents a dozen, and a salesman has to convince them that there is a "difference" for the difference in price.

NOTES.

Max Kaiser, of the Merriam Park greenhouses is busy with his large stock of Easter lilies and rambler roses. He will add two extra delivery trucks to his auto service next week to handle the St. Paul and Minneapolis trade.

W. C. Drake has purchased a farm in Polk County and will build a range and cater to the wholesale trade. He intends to dispose of his establishment at Fourth avenue and Lake street.

Rice Brothers are very busy sending out supplies, and report that so far, the Easter sales for 1915 will eclipse those of a year ago.

Wm. Desmond is the busiest man in the "twin-cities," with all the different departments—retail, wholesale, cut flowers, and plants.

John Rovich, shipping clerk for Rice Bros., is arranging a dance for Saturday, April 10, and expects all the craft to be there.

Carl Rice left recently on a business trip to Duluth, Hibbing and other northern points.

A. S. Rice is back at the desk again, after a two months' hard battle with typhoid fever.

Wm. Holmes had a fine trade for the opening of his flower department at Dayton's.

Visitors: Mr. Frank Tobbisch, of Stillwater, Minn.; E. Lempke of Grand Forks Floral Co., Grand Forks, N. D. and C. S. Ford of Philadelphia, Pa.

T. C. R.

Look These Over

DOVES

	Each
Prime quality	$1 25
First quality	1 00

CORSAGE PINS
With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz.	$0 15
Gross (12 doz.)	1 00

CORSAGE FOIL
Can be had in either green or violet color.

Per lb.	$0 25
10 lbs. and over at	20
20 lbs. and over at	18

CORSAGE CORDS
(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

MAGNOLIA LEAVES

Prepared Magnolias, Green, Brown or Red, per box of 1000	$1 35

GREEN SHEET MOSS

Per bundle	$0 35
Per bale (of 5 bundles)	1 25
Per 5-bale lots for	6 00

CREPE PAPER AND POT COVERS

	Per doz.	Per gross
Waterproof (all colors)	$1 50	$12 00
Pebbled pleated (all colors)	1 75	12 50
Porto Rican and fancy mats	1 50	11 00

FIBER RIBBONS
1 inch wide—50 yards to bolt.

All colors, per bolt	$0 90

Write for Complete List of Other Items.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine Street, ST. LOUIS, MO

Gardeners' and Florists' Ass'n of Ontario.

The regular meeting of the Gardeners' and Florists' Association of Ontario was held in St. George's hall, Elm Street, Toronto, Tuesday evening, March 16, President Charles Maxey in the chair. After the business session was finished, and three new members elected, E. F. Collins gave a very interesting and instructive talk on "Bedding, the Location and What to Plant." J. McPherson Ross also read a valuable paper on "Hardy Flowering Shrubs." Both talks were much appreciated by the members present, who numbered about 40. Four exhibits for competition were also a feature of the meeting.

GEO. DOUGLAS, Sec'y.

Attention--New England Trade

EASTER LILIES
LILIUM GIGANTEUM

In crates of 25 plants ready for shipment
Price, $12.00 per 100

PLACE ORDER EARLY

Choice assortment of Azaleas, Crimson Ramblers, Spiraeas, Genistas, Hydrangeas, Hybrid Roses, Cut Flowers, Novelties, and Florists' Supplies.

WELCH BROS. CO., BOSTON, MASS.
226 DEVONSHIRE STREET

Boston.

BUSINESS ABOVE THE AVERAGE.

Business during the past week has been exceptionally good for the season. The fine weather we have been having has brought in a larger supply of flowers, but the trade has increased sufficiently to clean up most of the stock. Violets and sweet peas are very plentiful, and large quantities are being used at prices that may be considered fair. Roses went a little better this week, although there was not as marked an improvement in their sale, as was the case with carnations. White carnations were in heavy demand March 15 and 16 for use on St. Patrick's day, nearly any kind of flower bringing $4.00 per 100. The demand for carnations of all colors held up well during the week, prices averaging three cents.

NOTES.

Wm. Sim, of Cliftondale, the well known grower of sweet peas and violets, has given the selling agency of his goods to Henry M. Robinson & Co., the wholesale florists. The goods will be sold at his stall at the Co-operative Market as usual. Mr. Sim is at present shipping some exceptionally fine sweet peas of the Spencer type. His violets are also of fine color, size and fragrance. On Saturday, March 20, he sent to the market 18,000 sweet peas and 75,000 violets.

Morris Comley, of Burlington, is sending to Henry Haas at the Co-operative market, a large supply of carnations, violets, sweet peas and stocks. All his goods come in over the road in a large motor truck he bought for the purpose.

Maurice Hambro, of H. M. Robinson & Co., is attending his duties again after having been laid up for two weeks with blood poisoning in his leg.

N. M. Silverman, the Winter street florist, has been confined to his home with illness for the past two weeks. He is improving rapidly at the time of writing and is in hopes of soon returning to his business.

Some of the finest White Enchantress carnations seen in this city are grown by A. Eaton, of So. Sudbury. He also has Winsor, Pink Delight, Fenn and Beacon that are exceptionally well grown.

F. E. Palmer, of Brookline, is recuperating from a severe attack of la grippe. Business at his store has been holding up very well and preparations are being made for his spring landscape work.

F. R. Mathison, of Waltham, has taken over the business of A. G. Cartwright of that city, and is shipping his roses to Welch Bros. F. L. W.

Lake Geneva Gardeners' Association.

The first regular meeting of the above association, under the new board of directors, was held Tuesday, March 16, in Horticultural hall. The routine business being disposed of, the reports showing the association in a good financial condition, the following new members were proposed and elected by acclaimation: R. P. Montgomery, S. Gotter, P. Peterson, H. West and F. Brady.

It is the plan of the new board of directors to make the meetings more interesting and instructive and it is hoped that in the future, one or more interesting papers on seasonable subjects will be read and discussed at the meetings. A. Martini read a paper on "Vegetable Culture in Frames" and Axel Johnson gave a short talk on "Seasonable Work." Both papers were well discussed and a very interesting and instructive evening was enjoyed by those present. For the next regular meeting, April 6, T. Sampson will talk on "Sweet Pea Cultivation" and T. Blackwood on "Roses Under Glass."

The board of directors for 1915 are as follows: A. J. Smith, president; W. P. Longland, vice president; T. Niles, secretary; A. Johnson, treasurer; A. Martini, F. Sampson, T. Blackwood, M. Barrett, W. Wahlstedt. T. N.

Newport, R. I.

John T. Allan, one of the judges on orchids and roses at the New York spring show, has returned home and reports a "fine show." While in New York he exhibited a photograph of a tulip having three blooms on one stem, and persons who are an authority on tulips said they never saw anything like it and thought it to be of commercial value.

The park commission has made a new departure by advertising for a park superintendent to take full charge of caring for the parks. In previous years the work was let out on contract.

Thomas Gibson has been to Boston and Providence, securing plants and flowers for his Easter trade.

Dr. Roderick Terry is building a sectional greenhouse 25x75 feet, for palms and flowering plants.

J. J. B.

St. Paul, Minn.

Holm & Olson's store has a very attractive window display of plants, and everybody is getting ready for a greater than ever Easter trade.

O. R. Eckhart & Co. are busy packing lilies and other plants for shipping, with plenty of orders booked for Easter to make them happy.

John Hoffman, formerly with L. L. May & Co. has opened an attractive flower shop on East Sixth street.

L. L. May & Co.'s store is very attractive with blooming foliage plants.

T. C. R.

BIG CROP

Easter Roses and Carnations

Price list in effect March 29th, 1915.

All kinds of **Killarneys,** red, yellow, and **American Beauty Roses.**
Satisfaction guaranteed, at bargain prices.

PINK KILLARNEY, WHITE KILLARNEY, RED RICHMOND.

Short, 12-14 in.....4c Long, 20-22 in..... 8c
Medium, 16-18 in...6c Special, 24-30 in...10c

AMERICAN BEAUTIES.

Good short.....6c-10c Fancy, 30 in.....30c
Medium, 18-20 in..12½c Special, 36 in.....35c
Long, 24 in.....25c Ex. special, 48 in..50c

CARNATIONS—Pink, White, Red.

Splits.....2c-3c Fancy.....4c

Fancy ass't **Sweet Peas**.....per 100, 75c-$1.00
Florists' dble. **Sweet Alyssum**..per 100, .25
Yellow Genista Flowers..... " 1 00
" " " 18 in. sprays, " 4.00
Asp. Plumosus Sprays..... .02
Asp. Sprengeri Sprays..... .02
Fancy **Eastern Ferns**.....per 1000, 3.00
Bronze or **Green Galax**..... " 1.00

Write, wire or phone your Easter order to us. Satisfaction guaranteed, or you may return the shipment by first express.

Buy direct from the Grower.

W. E. TRIMBLE GREENHOUSE CO.

Long Distance Phone 2416.

PRINCETON, - - ILL.

A. L. Randall Co.,

RANDO BRAND 177 N. Michigan Av. CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Calla Blooms

FOR EASTER.

Place your order now for Easter Calla Blooms. Prices right.

Currier Bulb Co., Seabright, Calif.

Chicago Bowling.

NORTH CHICAGO LEAGUE.

Players.	1st Game.	2d Game.	3d Game
J. Huebner	198	235	202
Lorman	193	146	161
Zech	156	174	171
Price	194	148	165
Olsem	188	177	277
Totals	929	880	976

COLDWATER, O.—A patent for a plant protector that will protect plants from frost or heat, has been granted to John W. Resh, who is arranging for its manufacture.

PITTSFIELD, MASS.—Since the opening of the Rosery by R. C. Engelman and A. Hoffman, business has been very good. They will have an Easter opening March 27, with a large display of all kinds of pot plants from their Elm street greenhouses.—L. Atcheson, of Hamilton street, says business has been good and he will have a nice lot of plants for Easter sales.

H. B. KENNICOTT, PRESIDENT F. KENNICOTT REILLY, VICE PRES.

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

166 N. Michigan Avenue CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Wholesale Flower Markets

Easter Price List. In effect March 29.

	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in.	5 00
" " 30-in.	4 00
" " 24 in.	3 00
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
" Mrs. Chas. Russell	1 00@ 4 00
	Per 100
" Killarney Brilliant	4 00@12 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@12 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@12 00
" My Maryland	4 00@12 00
" Mrs. Geo. Shawyer	6 00@15 00
" Milady	4 00@12 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	6 00@15 00
" Ophelia	4 00@15 00
" Our selection	3 00
Carnations	2 00@ 5 00
Cattleyas.... per doz.,	4 00 to 6 00
Daffodils	3 00@ 4 00
Freesias	3 00@4 00
Gardenias....per doz.,	3 00@ 4 00
Jonquils	3 00@ 4 00
Lilium Harrisii	10 00@15 00
Paper Whites	2 00@ 3 00
Romans	2 00@ 3 00
Snapdragons..per doz.,	50@2 00
Spanish Iris	8 00
Sweet Peas	75@ 2 00
Tulips	3 00@ 4 00
Valley	3 00@ 4 00
Violets	50@ 1 25
Adiantum Croweanum	1 00@ 1 50
Ferns	3 00
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

TEMPLE, TEX.—The Texas Seed & Floral Co., of Houston, has donated 90 pounds of seed, consisting of 25 varieties, to the Reagan school of this city. One acre of ground will be planted by the pupils as a school garden.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone, Central 328
Mention the American Florist when writing.

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago
Long Distance Phone, Randolph 3619
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John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

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Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

George Reinberg

Wholesale Florist

Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. **Try us.**

162 N. Wabash Av., CHICAGO

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 2.00

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

FAIR DEMAND, BUT MARKET OVERSUPPLIED.

The market situation is much the same as last week; more flowers than can be used, and yet a very fair demand considering the season. Roses are sold cheap in large quantity lots, because perhaps there are not many buyers who have facilities for handling special sales. The smaller buyers, whose limit is 50 to 100 of a variety at a time, pay, even in dull times, nearly the highest market price. American Beauty roses are more plentiful, and full crops are expected with some large growers at Easter. Killarney and Killarney Brilliant are wonderfully fine just now. Carnations are helping to bolster the market, they being scarce. White daffodils are undoing the good efforts of the carnation, the supply appearing unlimited, and the worst is yet to come, for the southern stock is now being thrown on the market freely. Sweet peas have shortened up considerably, advancing in price from 25 to 50 per cent. Cattleyas are not quite so plentiful. Gardenias and violets are in oversupply, and the single violets are getting much smaller. Easter lilies and callas are in fair demand. Arbutus is now plentiful and is in good demand, the street men paying more than the stores.

NOTES.

George Cooper Watson, who now parts his name in the middle, takes exception to those who criticise the selling of flowers by the department stores. As far as the writer has heard, there has not of late, at least in the past few years, been criticism of their being in the flower business. It was only when the growers and some commission houses began feeding them stock on consignment, taking back the unsold and giving credit for the same, that exception was taken, on the ground that it was impossible for the average storekeeper to compete with the large store when they worked under such an arrangement. There is no question but there is a great opportunity for a large business in flowers in any of the modern department stores. C. C. Trepel has shown what can be done in New York and Brooklyn. He buys outright, however, and gets his advantage in the lowest quantity prices. Cut flowers are perishable and must be sold, but they should be sold at some price, and not given away, as it practically amounts to, when the unsold stock is taken back. While on this subject, the rumor of last week that Walter Yates was to run a department in Gimbel's store has not been run out true. He has declined the proposition, as they would not lease and would only permit the business to be carried on with 30 per cent of the gross receipts turned over to the store management. All the large stores handle Easter plants, buying in quantities. One department store is reported to have purchased their Easter lilies at 6 cents per bud and flower. This appears to be a low record price for good stock.

Quite a number of the local fraternity visited the New York show last week. All pronounce it a wonderful exhibition, and feel that Philadelphia will have to get all her forces together to beat it in the international show next year.

Secretary Rust, of the Pennsylvania Horticultural Society, says the outlook for a good spring show is very favorable, there being a large lot of entries. There will be great competition for the Dreer, Michell & Usterer prizes.

The Easter lily promises to be a record crop this year, all the growers having exceptionally fine plants, well-timed and budded. Ten cents per bud and flower for local delivery appears high for the select stock.

Pennock's window was very showy the past week with its display of lavender colored baskets, filled with snapdragons, tulips, roses and other spring flowers.

The M. Rice Co. are featuring all kinds of paper coverings on pots. A large business in Easter baskets has kept the force working nights.

Buyers from many cities were visitors during the past two weeks, looking over the growers' stocks, and many large orders have been booked.

Berger Brothers are handling a special brand of lily of the valley that is extra fine. They expect a great holiday business.

Edward Reid reports that his out-of-town trade must expect to do well, judging from the large orders already received.

Henry A. Dreer has had a great run on table ferns, selling them in very large quantities for the past two months.

The Leo Niessen Co. anticipates a great Easter business and has never been better supplied than at this time.

K.

Wholesale Flower Markets

BOSTON, March 24.	Per 100
Roses, Beauty	5 00@50 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, March 24.	
Roses, Beauty, special, doz.,	5 00
" " fancy, "	3 50
" " extra "	2 50
" " No. 1, "	2 00
	Per 100
" " No. 2	4 00@ 6 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Richmond	3 00@10 00
" Sunburst	4 00@10 00
" Ward	4 00@ 6 00
" Taft	4 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@12 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 6 00
Violets	50@ 60
Freesia	2 00@ 3 00
Mignonette	4 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Tulips	2 00@ 3 00
Daffodils	2 00@ 2 50
Asparagus Sprengeri	35@ 50
Ferns, per 1000	2 00
Smilax	15 00

CINCINNATI, March 24.	
Roses, Beauty, per doz.	$1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	8 00@12 00
Asparagus Plumosus, per bch., 25c	
Carnations	2 00@ 4 00
Hyacinths	3 00@ 5 00
Orchids, per doz	3 00@ 4 00
Violets	35@ 50
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	2 00@ 3 00
Rubrum Lilies	4 00@ 8 00
Tulips	3 00

ST. LOUIS, March 24.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	3 00@ 8 00
" White Killarney	3 00@ 6 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	3 00@ 4 00
Carnations	1 50@ 2 50
Orchids	35 00@50 00
Rubrum	6 00
Violets	40@ 60
Asparagus Sprengeri, per bu.	25@50
Asparagus Plumosus, per bu.	25@60
Harrisii	10 00@12 50
Jonquils	2 00@ 3 00
Sweet Peas	25@ 75
Callas	8c@12½c
Ferns, per 1000	2 00
Leucothoe, per 100	60
Galax, per 1000	1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

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"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
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THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

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HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

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Wholesale Floral Co.
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Supplies and Everything in Season always on hand

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Jobbers in
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Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Milwaukee.

STOCK PLENTIFUL AND PRICES FAIR.

Carnations and roses have been selling at fair prices, with enough to fill orders. The demand for white carnations for St. Patrick's day did not seem so strong this year as in previous years, there being a good number of white carnations to be had for this occasion, and orders were well taken care of. The bulbous stock is still glutting the market, and sweet peas and violets also arrive in quantities. Smilax is somewhat scarce at the present time, but asparagus and Sprengeri are equal to the demand.

NOTES.

At the C. C. Pollworth Co. the lily plants have never looked finer, and are being ordered up daily. They also have a fine lot of azaleas and ramblers, which will be just right for Easter, and at the new greenhouse the rose stock is looking fine.

John Arnold has rented a location on the main floor of Schuster's dry goods store, Third and Harmon streets for a floral department and opened up Saturday, March 20. He reports trade satisfactory for the opening.

Gust Rusch & Co. are receiving some fine orchid sweet peas from Watertown, which find ready sale. The roses from the Cudahy greenhouse are of excellent quality and soon find ready sale.

Holton & Hunkel Co. are cutting a fine lot of Mrs. Chas. Russell roses at present, and are disposing of a large lot of plants for Easter, which are of a fine variety.

Mrs. Harry Mann is seriously ill at St. Joseph's hospital, and has but a very slight chance for recovery. Harry has the sympathy of his friends in the trade.

Currie Bros. have a fine store and report trade as good as ever.

G. R.

Dayton, O.

At a meeting held March 17, at the Y. M. C. A. building, the organization of the Dayton Florists' and Gardeners' Association was perfected, a constitution and by-laws were adopted, and the following officers were named: Horace M. Frank, president; E. D. Brame, vice-president; E. E. Schaeffer, secretary; J. W. Rodgers, treasurer. W. L. Vogel, L. D. Polk and L. D. Johnson were elected directors. The meeting was attended by about fifty of those interested. Regular meetings of the association will be held on the Tuesday after the first Monday in each month, and W. A. Barber, E. E. Schaeffer and J. W. Rodgers were selected as a committee to secure a permanent place of meeting. At the next meeting papers will be read by George W. Bartholomew on "Growing Flowers," and by M. Anderson on "Store Management."

Warren G. Matthews, florist, notified the city welfare department, March 17, he would be willing to donate material for 1,000 bird houses, and suggested the use of lumber for bird homes for the city parks. The offer was thankfully received by the city officials.

H. T.

Wholesale Flower Markets

PHILADELPHIA, March 24.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus, per bunch.	50

PITTSBURGH, March 24.	Per 100
Roses, Beauty, special	50 00
" " fancy	35 00
" " extra	20 00
" " No. 1	12 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00@ 3 00
Carnations	2 00@ 3 00
Cattleyas	75 00
Lilium Giganteum	12 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00@ 2 00
Sweet Peas	75@ 1 00
Violets	50
White Lilac, per bunch.	75
Asparagus Sprengeri, per bunch.	35@40
" Sprays, per bunch.	35@40

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Wholesale Florists and Florists' Supplies
We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.
Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, March 24.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	2 00@ 5 00
Lilies	10 00@15 00
Snapdragon, per bunch, 50c @$1 00	
Sweet Peas	50@ 1 50
Valley	2 00@ 4 00
Violets	50@ 1 00
Tulips, Freesia	2 00@ 3 00
Daffodils, Trumpets	2 00@ 3 00
Romans, Paper Whites	2 00@ 3 00

Our Motto:—The Best the Market Affords

C. S. & Co.
NEW YORK

JUST RECEIVED:—
Hohmann's Famous Lily of the Valley Pips Per 1000, from $12.00 to $16.00

Lilium Formosum, 7/9-in., case of 250 bulbs, $15.00. Lilium Multiflorum, 7/9-in., case of 300 bulbs, $16.50. Lilium Giganteum, 7/9-in., case of 300 bulbs, $16.50.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

BUSINESS IS NORMAL.

While the flower show attracted great attention during the past week, business was about normal. The supply was not particularly heavy, though increasing toward the last of the week; neither was the demand heavy.

March 22.—This week opens very quiet with all stocks moving slowly and largely on the increase.

NOTES.

Jos. Millang of the New York Cut Flower Co. continues to receive fine roses, from both A. N. Pierson, Inc., and F. R. Pierson Co.; also the noted Cottage Gardens carnations, all of which were leading features at the flower show.

Among many others who have recently visited this city and the flower show was J. Vonder Linden, the well known violet grower of Rhinebeck, N. Y. He advises us that he now grows carnations as well as violets.

We have recently noted in the Cut Flower Exchange, very fine Ullrich Brunner roses from the estate of Mrs. Chas. Snyder, Woodside, L. I., N. Y.

J. K. Allen has recently received from Chas. Hunt, Staten Island, N. Y., very finely flowered plants of geraniums and mountain phlox.

At W. F. Sheridan's we have just noted particularly fine Mrs. Chas. Russell roses; also J. L. Mocks, and a good line of other stocks.

While there are plenty of snapdragons on the market some of the best we have seen are at the store of Jas. McManus.

Geo. C. Siebrecht is featuring a most excellent stock of the Darwin tulips, acacias and other good stocks.

At the present time Wm. Kessler is very strong on fine Easter lilies, but has plenty of other good stock.

John Young is receiving fine stock of Francis Scott Key, Taft and all the other newer varieties of roses.

E. C. Horan is always strong on lily of the valley, with a good variety of other stocks.

Wm. P. Ford continues to receive very fine sweet peas, tulips and double stocks.

At the United Cut Flower Co. we note good roses, carnations and pansies.

The scores of the New York Florists' Bowling Club, Thursday, March 18, were as follows:

J. Miesem	181	204
J. Fenrich	162	165
P. Jacobson	154	158
H. C. Riedel	173	182
W. P. Ford	162	157
J. Donaldson	153	164
C. W. Scott	152	168
A. J. Guttman	176	156
F. Niquet	163	187

A. F. F.

Buffalo.

GOOD EASTER TRADE ANTICIPATED.

Weather conditions the past week have been cool, but not stormy. Trade has been on the quiet side, with stock, such as bulbs and carnations equal to all demands. Funeral work has been about all that the retailer could call a good part of his business. All the growers are hopeful of a good supply of everything for Easter, and only extremely cold and dark weather can retard anything. Plants of all kinds, in flower, will play an important part in the Easter business this year. The artistically trimmed pot, or the basket with various plants growing, will appeal to the buyer when placed beside one dozen roses at $2, $2.50 or $3 and other more elaborate arrangements to choose from. The corsage of violets, sweet peas, or a pretty arrangement, will be what they want so salesmen "think", and sell what you think the people should have, not forgetting that your boss may be growing a fine lot of plants or sweet peas and a limited number of roses or carnations, which are so generally called for and so liable to that increase in price. This is the year of all years when sales count, and the goods you grow should be disposed of.

Clippings from one of our Eastern papers say that the New York Central green houses at Batavia, N. Y., have 60,000 plants, getting ready for the planting along their lines from Buffalo to New York. Looking backward, the writer well remembers when Wm. Stroh, the big grower of Attica, N. Y., with a store in Buffalo, was the manager of the N. Y. Central range at Batavia. Will has made good at his Attica place; also in Buffalo.

Mrs. E. C. Armbrust is spending the cold month of March in Southern Pines, North Carolina. BISON.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Lancaster County Florists' Club.

A number of the members, not knowing how to come to a meeting that was not preceeded by a trip of some sort, came into town in the afternoon and visited some of the local greenhouses; the rest, or nearly all of the rest, congregated at the rooms by 7:30 p. m. After the minutes were read and approved and a few bills ordered paid, the meeting was adjourned to witness the parade of the churches to the Stough tabernacle. The meeting then resumed and a report was heard from the "glad hand and sunshine committee" in regard to ladies' night, April 15. Their report called for a banquet at the Stevens house. The committee consists of Ira Landis, Paradise, Pa.; S. Rutter Hess, Gap, Pa.; J. Wade Galey, Strasburg, Pa.; Chas. B. Herr, Strasburg, Pa. They will be ready with the glad hand for any visiting florists, and will endeavor to extend sunshine into the affair from 7 p. m. until any old hour they may decide to quit. The decorations will be voluntary, and no doubt profuse.

Elmer Weaver gave a talk on the recent trip to Philadelphia, and his little journey into Chester county the next day. Charles Grakelow then gave us an excellent impromptu talk on our business in general, and it was without question the best and most profitable evening we have ever had. There was not one who did not go home with some good new ideas under his hat, and if all the retailers had been present, instead of two of them, the flower trade would have had an impetus here that would have been felt keenly. As it is I am afraid these two who were present will get all the trade; they at least got all the ideas for getting trade. It is unfortunate for the rest of the world that this talk was not in the shape of a paper to be printed. Mr. Grakelow brought out strongly the benefit to be had by, and the necessity of having a strong personality in this business. He also brought out the necessity of getting away from the stereotype forms of advertising, and putting out advertising with what he calls, a punch to it. He spoke of department store features of our business, and pointed out the necessity of our being able to meet this sort of competition, as well as that of the street men. Our president was so deeply impressed with the talk that he started to make a motion himself to give the speaker a vote of thanks, but was headed off by the writer, and Mr. Grakelow was not only given a vote of thanks, but actually had them from every member present. After the meeting, a bowling league under the leadership of George Goldbach was formed, and the first evening was spent in rolling duck pins with scores ranging from 64 to 110. ALBERT M. HERR.

MINNEAPOLIS, MINN.—A special demonstration arranged by the extension division of the Minnesota college of agriculture, the Northern Pacific railway and the Soo railway, for the purpose of displaying good seeds to Minnesota farmers, will start from this city April 1, stopping at most of the farming communities. The trip will require six weeks.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

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Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

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WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

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Established 1878
106 West 28th Street
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Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

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Consignments solicited.

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HUGH H. NELSON
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Oklahoma City.

PROSPECTS FOR EASTER TRADE GOOD.

The prospects for Easter trade are very bright. General business conditions are better right now than has been the rule for several years here and we look for the florists having a better Easter trade this year than has ever before been experienced in this city.

The trade in cut flowers and plants for indoors continues to be quite satisfactory. The weather remains so cool that nothing so far is being done much in out-door planting. With Easter but two weeks away the flower store windows are beginning to show some of the attractions in preparation for that date.

NOTES.

President of the Oklahoma State Society of Florists, G. W. Stiles, has appointed the committee of three to take charge of the flower show, which the society will hold early in November. The members of the committee are J. W. Furrow, C. T. Bickes and S. S. Butterfield.

Furrow & Company, in addition to a choice selection of flowering plants are also showing a collection of tastily arranged baskets, which tend to make a very attractive window display.

The Stiles Co. are bringing in rhododendrons, lilacs and pot Dutch hyacinths, all in splendid bloom.

Visitor: E. C. Pruner, representing Poehlmann Bros. Co., Chicago.

S. S. B.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Wholesale Flower Markets

	New York, March 24.	Per 100
Roses, Beauty, special		20 00@40 00
" " extra and fancy		10 00@20 00
" " No. 1 and No. 2		2 00@ 8 00
" Alice Stanley		5 00@10 00
" Prince d'Arenberg, special		8 00@10 00
" Francis Scott Key, special		8 00@10 00
" Mrs. Geo. Shawyer, special		5 00@ 8 00
" " " extra		3 00@ 4 00
" " " No. 1 & No. 2		1 00@ 3 00
" White Killarney, special		6 00@ 8 00
" Killarney, My Maryland... special		5 00@ 8 00
" " No. 1 and No. 2		1 00@ 3 00
" " Queen, special		5 00@ 8 00
" " Brilliant		1 00@ 6 00
" Aaron Ward		1 00@ 8 00
" Richmond, special		1 00@ 8 00
" Sunburst		1 00@ 8 00
" Taft		2 00@ 6 00
" Milady, special		2 00@ 8 00
" J. L. Mock		3 00@10 00
" Hadley		3 00@25 00
" Ophelia		3 00@12 00
" Mrs. Chas. Russell		2 00@12 00
Carnations		1 00@ 3 00
Cattleya Orchids, special		25 00
" inferior grades		15 00@20 00
Jonquils		2 00@ 2 50
Lilies, Longiflorum and Harrisii		3 00@ 6 00
Lily of the Valley		50@ 2 00
Tulips		1 00@ 2 00
Violets		15@ 35
Gardenias....per doz., $1.00@$2.00		
Adiantum Croweanum and Hybridum		50@ 75
Asparagus Plumosus....doz. bchs.		2 50
Smilax.....doz. strings.		1 25@ 2 00
Paper White Narcissus, doz., $1.50@$2.00		
Sweet Peas, per doz. bunches.		.35@ .50
" " Spencer type, 100 flowers.		.50@1.00
White Lilac .....per bunch.		50@ 75

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

DULUTH, MINN.—The Duluth Floral Co. writes as follows: "Why should any florist have sales or cut prices to move stock? This is a question we would like to have taken up and discussed. Why not use the back door and charitable institutions for surplus stock when you get stuck by over buying? Sell good stock at a fair price consistent with overhead charges and don't make a department store out of your store and cheapen the whole business."

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American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
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FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green

	Per 100
20x 4x3, Teles. Cov	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov	2 25
30x 5x3½, "	2 50
21x 8x4 2-in. Cov	$2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles, Cov	5 25
40x 8x5 Teles. Cov	$6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
36x12x6 "	9 00

No printing charges in lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every flower and floral design. Write for samples and prices.

EASTER BASKET CONTAINERS

W. D. L.	Per 100
12 x 12 x 15	$12.00
15 x 15 x 20	15.00
18 x 18 x 25	20.00
19 x 19 x 30	25.00

Basket boxes are made from extra heavy 3-ply moisture-proof stock. Can be used repeatedly on city deliveries. Folds flat. Does not take up space in stock-room or on the return trip. Makes a first-class protection to flowers and plants against frost and breakage.

A. A. ARNOLD PAPER BOX CO., 16-18-20-22 S. Peoria St., Chicago, Ill.

San Francisco.

MARKET OVERSUPPLIED, DEMAND LIGHT.

Trade has fallen away miserably during the past ten days. There is too much stock of all kinds and no demand. The early opening of spring has hastened into bloom all flowering plants usually used at this time of the year, with a consequent falling off in demand for greenhouse stock. Carnations are a glut, and likely to continue so. The same may be said of roses. Out-door roses are now beginning to make their presence felt in no small degree. Bulbous stock of all kinds is in oversupply and bringing very low figures. Lilium formosum and giganteum are also plentiful, but as yet without any marked demand. Violets are getting poorer in quality, owing to the very warm weather. Gardenias are in good supply and of splendid quality. Orchids are plentiful, but are holding up fairly well. Sweet peas of the early flowering varieties are beginning to be more plentiful, but as yet none of the Spencer type have put in an appearance. Greens, smilax and ferns are in large supply. Snapdragons are scarce and command fairly good prices.

NOTES.

At the last meeting of the Menlo Park Horticultural Society it was decided not to affiliate with any other society holding a spring show. The attendance was large and very enthusiastic. Vice-president David W. Slade read a paper on "Shrubs as Grown in California," and judging from the masterly way in which he treated tl is subject the author is an authority of no mean experience. Several new members were admitted to membership.

Secretary Frank G. Cuthbertson of the American Sweet Pea Society reports entries coming in so fast that he was obliged to place an order for one thousand extra vases for sweet peas. This is indeed good news to every lover of this flower and the writer has no hesitancy in predicting that the show held on June 4, under the auspices of this society is going to be one of the most interesting held during the exposition.

John McLaren is leaving nothing undone to have the Convention Garden in the finest possible shape when the members of the Society of American Florists convene here in August. Every member of the trade in this city is hoping that our eastern friends will come in large numbers, and no effort will be spared on our part to see that they enjoy themselves thoroughly after their trip across the continent.

Manager H. Plath announces that all plans are completed for the spring show at the Panama-Pacific exposition. The number of entries were much larger than at first anticipated. It is the hope of the committee that this show will be so successful that greater interest will be attracted to each succeeding one.

The display of greenhouse-grown bulbs by San Mateo county is one of the features of the exposition just now. Head Gardener A. McDonald is showing us some grand stock, especially hyacinths and formosum.

Redwood City, a suburb of San Francisco, has decided to hold a floral show in the rotunda of the court house building, May 25. Several hundred dollars in cash prizes are to be awarded the successful exhibitors.

C. C. Woodword and wife of Santa Clara were visitors during the week, having motored up from that city. Chas. C. Navlet and Arthur Cann, both of San Jose, were visitors also.

The Art Floral Co., on Powell street, is featuring some splendidly grown French hydrangeas this week. V. Matraio, the manager, reports that they clean up well.

Podesta and Baldocchi are showing some exquisitely arranged windows of orchids, as are also Pelicano, Rossi & Co.

G. N.

Cincinnati.

SUPPLY INCREASES WITH FAIR DEMAND.

All seasonable varieties of stock are plentiful in this market. During last week and the preceding week, the receipts showed a steady increase in the size of the daily cut, and at the rate stock is coming in, the prospects for Easter are very bright. The demand for stock is fair and results in fairly good amount of business, although not nearly enough to keep the market cleaned up each week. The rose cut is very heavy and generally of a very good quality. The receipts in American Beauties are easily sufficient to take care of present demands. Carnation cuts, too, are heavier than they were. They have a pretty fair market. Lilies are in a good supply. Bulbous stock, including tulips, jonquils, daffodils, Dutch hyacinths and poeticus are all plentiful. Both callas and rubrums are also in a fair supply. Sweet peas are in a large supply, and meet with a good active call. Lily of the valley and violets sell rather slowly. Other offerings include antirrhinums, Baby primroses, forget-me-nots and mignonette.

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BUCHBINDER BROS.,
518 Milwaukee Ave., Dept. F, CHICAGO

The best florist boxes for style and quality are
SEFTON BOXES
Illustrated catalog in colors on request.
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New Crop Wild Smilax
Now ready for shipment,
$2.50 per case.
Natural and Perpetuated Moss.
E. A. BEAVEN, Evergreen, Ala.

Southern Wild Smilax
New Crop now ready for shipment $2.50 per case
Natural and Perpetuated Moss.
Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA.

NOTES.

C. E. Critchell has been having a strong call for baskets for Easter.

J. A. Peterson & Sons have been cutting some very fine daffodils.

T. Ben George has been cutting some very fine Murillo tulips.

Visitor: Frank Ball, of Patriot, Ind.

H.

PAYMENT INTO TRUSTEE FUND

Retailers' Section S. A. F. and O. H.

Cities population less than

5,000	$ 1.00
5,000 to 25,000	2.50
25,000 to 50,000	5.00
50,000 to 100,000	10.00
100,000 to 150,000	15.00

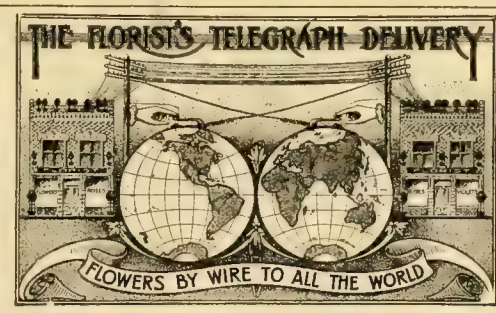
Above that $1.00 each for each additional 10,000 population up to 500,000.

Cities more than 500,000 ..... $50.00

The above fund is only for the guarantee of accounts and will be returned when membership is withdrawn.

ANNUAL DUES Per year

Cities less than 5,000 population	$ 2.00
6,000 to 200,000	4.00
200,000 population and over	10.00



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Mutual discount, 20 per cent. Accounts guaranteed by the Association. Membership open to all retail florists who are members of the S. A. F. and O. H.

The Florists' Telegraph Delivery.

ALBERT POCHELON, Secretary, care of The Bemb Floral Co., 153 Bates Street, Detroit, Mich.

ALWAYS AT YOUR SERVICE FOR OUT-OF-TOWN TELEGRAPH ORDERS.

WHY NOT add your firm name to this representation of Retail Florists of the United States and Canada. **HELP** to develop this field of the Retail Florist's business still more as you will gain by it.

Akron, O., 49 South Main St. ... The Heepe Co.
Albany, N. Y.—
40 and 42 Maiden Lane ... Danker, Fred A.
97 State St. ... Gloeckner, W. C.
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Atlantic City, N. J.—
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... Edwards Floral Hall Co.
1331 Pacific Ave. ... Egg Harbor Flower Shop
Auburn, N. Y.—
141-151 S. Division St. ... Dobbs & Son
Augusta, Ga. ... Stulb's Nursery
Aurora, Ill.—
18 Downer Place ... Aurora Greenhouse Co.
... Smely, Joseph M.
Austin, Minn. ... Kinsman, A. N.
Baltimore, Md.—
331 N. Charles St. ... Feast, Samuel & Sons
509 N. Charles St. ... Pierce & Co.
Battle Creek, Mich.—
11 W. Main St. ... Coggan, S. W.
Bay City, Mich., 325 Park Ave. Boehringer Bros.
Bloomington, Ill.—
318 N. Main St. ... Washburn, A. & Sons
Boston, Mass.—
342 Boylston St. ... Carbone, Phillip L.
426 Washington St. ... Filenes Sons Co., Wm.
43 Bromfield St. ... Penn, Henry
143 Tremont St. ... Wax Brothers
Bridgeport, Conn., 985 Main St. Reck & Son, John
Bristol, Conn., 19 Maple St. ... Andrew Bros.
Brooklyn, N. Y., 272 Fulton St., and 7 Clinton St. ... Phillips, John V.
Buffalo, N. Y.—
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304 Main St. ... Palmer, W. J. & Son
Burlington, Vt., 184 Main St. Gove, Mrs. Cora E.
Calgary, Alberta, Canada . . Terrill, Ltd., A. M.
Cedar Falls, Iowa ... Bancroft, Joseph & Sons
Cedar Rapids, Iowa ... Kramer, I. N. & Sons
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... Winter Floral Co., H. F. Winter
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25 E. Madison St. ... Lange, A.
854 N. State St. ... Neiglick, Chas. T.
2132-2134 Michigan Ave. ... Samuelson
2223 W. Madison & 4509 Broadway ...
... Schiller, The Florist
31st and Michigan Ave. ... Smyth, W. J.
22 E. Elm St. ... Wienhoeber Co., Ernst
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138 E. 4th St. ... Baer, Julius
150 E. 4th St. ... Hardesty, T. W. & Co.
532 Race St. ... Hill Floral Co., E. G.
Cleveland, Ohio—
... Gasser Co., J. M.
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... Franklin Park Floral Co.
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Council Bluffs, Ia., 321 Broadway ...
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Dayton, O., 112 S. Main St. ... Heiss Company
Defiance, O. ... Winterich, Christ
Denver, Colo., 1643 Broadway ...
... The Park Floral Co.
Des Moines, Ia. ... Wilson Floral Co., J. S.
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Gratiot Ave. & Broadway ...
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Newland & Gratiot Aves. ... Plumb, Chas. H.
Dubuque, Ia. ... Harkett's Floral Co.
Eau Claire, Wis. ... Lauritzen
Edwardsville, Ill. ... Ammann Co., J. F.
El Paso, Texas, Mills Bldg. ... Potter Floral Co.
Erie, Pa., 704 State St. ... Laver, John V.
Evansville, Ind. . Blackman Floral Co., The Wm.
Evanston, Ill., 614 Dempster St. ... Fisher Bros.
602 Davis St. ... Weiland, M.
Fargo, N. D. ... Smedley & Co.
Fayetteville, Ark. ... The Southwestern Seed Co.
Florence, S. C. ... The Palmetto Nurseries
Fond du Lac, Wis., 414 Linden St. . Haentze Co.
Fort Collins, Colo. ... Espelin & Warren
Fort Morgan, Colo. ... Morgan Floral Co.
Fort Smith, Ark. ... Brockman's Floral Co.
Fort Worth, Texas ... Baker Bros. Co.
... McAdam, J. E.
Freeport, Ill., 104 Chicago St. ... Bauscher, John
Galesburg, Ill. ... Pillsbury, I. L.
Grand Rapids, Mich.—
60 Monroe Ave. ... Cross, Eli
Ashton Bldg. ... Hartnett, Mary
Monroe & Division Aves. ... Smith, Henry
Greenfield, Mass. ... Richards, E. A.
Greenburg, Pa., 200 N. Main St. Thomas, Joseph
Greensboro, N. C. ... Greensboro Floral Co.
Guthrie, Okla. ... Furrow & Co.
Hamilton, Ont., Can. ... Connon Co., Ltd., John
Harrisburg, Pa. ... Schmidt, Charles
Hartford, Conn.—
180 Asylum St. ... Welch, The Florist
242 Asylum St. ... Spear & McManus
... Coombs, John F.
Highland Park, Ill. . Highland Park Greenhouses
Hoboken, N. J. ... Grulich J., & Sons
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Indianapolis, Ind.—
241 Massachusetts Ave. Bertermann Bros. Co.
225 N. Pennsylvania St. . Hill Floral Co., E. G.
1610-1620 N. Illinois St. Weigand's Sons Co., A.
Jacksonville, Fla. ... Mills, the Florist, Inc.
Jamesport (L. I.), N. Y. Weir's Greenhouses
Joliet, Ill., Hobbs Bldg. ... Labo, Margaret C.
Kankakee, Ill. ... Faber, Mr. George
Kalamazoo, Mich. ... Van Bochove & Bro.
Kansas City, Mo.—
913 Grand Ave. ... Murray, Samuel
1116 Walnut St. ... Rock, W. L., Flower Co.
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Knoxville, Tenn., 523 Gay St. Crouch, Chas. W.
... "Home of Flowers," Baum, Chas. H.
Kenosha, Wis. ... Turner & Sons, L.
Kokomo, Ind. ... Coles Flower Shop
La Crosse, Wis. ... La Crosse Floral Co.
... Salzer Seed Co., John A.
Lansing Mich. ... Bissinger, John A.
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123 East 6th St. ... Keller, John A.
Lincoln, Nebr., 1338 O St. Frey & Frey, Florists
Little Rock, Ark., 521 Main St. . Tipton & Hurst
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Lowell, Mass., 8 Merrick Sq. ... Morse & Beals
Lynchburg, Va. ... McCarron, Miss Julia
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349 3rd St. ... Edelfsen-Leidiger Co.
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1153 Broadway ... Small, J. H. & Sons
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... Stiles Co., The
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... Hess & Swoboda
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Owosso, Mich. ... Owosso Floral Co.
Palm Beach, Fla. ... Foster & Foster
Parkersburg, W. Va. ... Dudley & Sons, J. W.
Pasadena, Cal. ... The Orchid
Passaic, N. J. ... Sceery, Edward
Paterson, N. J. ... Sceery, Edward
Peoria, Ill. ... Loveridge, Charles
Philadelphia, Pa.—
221 Broad St. ... Fox, Charles Henry
1800 Chestnut St. . The London Flower Shop
1514 Chestnut St. ... Pennock Bros.
Phoenix, Ariz. ... Donofrio's Floral Dept.
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710 E. Diamond St. . E. C. Ludwig Floral Co.
5936 Penn Ave. ... Randolph & McClements
Keenan Bldg ... Smith Co., A. W.
Pittsfield, Mass., 40 Penn St. . The Flower Shop
Portland, Ore., 133 Sixth St. . Tonseth Floral Co.
Poughkeepsie, N. Y. ... Saltford Flower Shop
Quincy, Ill. ... Gentemann Bros.
Racine, Wis. ... Hinchliffe, Mrs. J. T.
Red Bank, N. J. ... W. W. Kennedy & Sons
Richmond, Ind. ... Lemon, Fred H., & Co.
Richmond, Va. ... Hammond Co., Inc.
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Rochester, N. Y., 25 Clinton Ave. Keller & Sons
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Springfield, Mass., 378 Main St. . Aitken, Mark
St. Joseph, Mo. ... Stuppy Floral Co.
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7th & Washington Ave. ... Grimm & Gorly
7041 Florissant Ave. ... Meinhardt, Fred A.
4326-28 Olive St. ... Weber, Fred C.
Bovle & Maryland Aves. ... Weber, Fred H.
St. Paul, Minn., 34 W. 5th St. . Holm & Olson
Tarrytown, N. Y. ... Pierson Co., F. R.
Terre Haute, Ind. ... Heinl, John G., & Son
Toledo, O.—
336 Superior St. ... Freeman, Mrs. J. B.
1307-1315 Cherry St. ... Schramm Bros.
2941 Cherry St. ... Mrs. E. Suder
Topeka, Kan. ... Mrs. Lord's Flower Room
Toronto, Ont.—
123 King St. W. ... Dillemuth, The Florist
266 Yonge St. ... Simmons & Son
Tuscaloosa, Ala. ... Mrs. H. Alston
Tucson, Arizona ... Howe Brothers
Waco, Texas ... Wolfe, The Florist
Washington, D. C.—
1214 F St., N. W. ... Gude Bros. Co.
15th & H Sts. ... Small, J. H., & S
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West End, N. J. ... Eisele, W. G.
West Lynn, Mass. ... Wm. Miller & Sons
Wheeling, W. Va. ... Langhans, Arthur
Wichita, Kan. ... Mueller, Chas. P.
Williamsport, Pa. ... Evenden Bros.
Worcester, Mass.—
371-73 Main St. ... Lange, H. F. A.
3 Pleasant St. ... Randall's Flower Shop
Youngstown, O. ... Geo. W. Kay
Zanesville, O. ... The Imlay Company

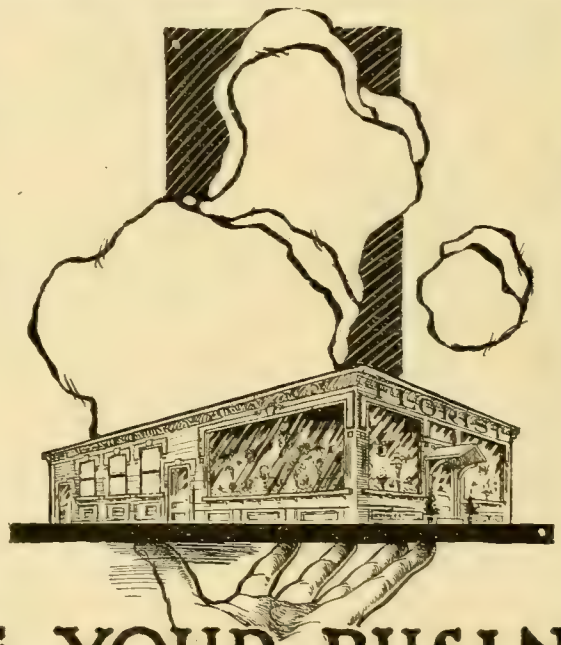
All these firms are advertising telegraph and out-of-town orders with every possible chance which affords itself. Help them to have a correspondent in every town of the United States and Canada; it will help you and them and surely will help the florist trade.

Increase Your Sales
Get Volume of Business

Your business can be easily increased by creating more and bigger sales with your **present customers,** and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.** Our **FLORIST FOLDERS** give you direct advertising, which goes straight into the homes of those you want to reach. Our printed folders are in color. They are harmonious with the idea of flower advertising. Flowers give us the most beautiful color and they require color advertising. Florists in over 500 towns and cities are using our system of Folders.

Write us for our sample folders, cuts and slides for advertising:—

SPRING PLANTING
MOTHERS' DAY
MEMORIAL DAY
SOCIAL OCCASIONS
FALL PLANTING



FALL ANNOUNCEMENT
THANKSGIVING
CHRISTMAS
ST. VALENTINE'S DAY
EASTER

PLACE YOUR BUSINESS BEFORE MORE PEOPLE

Send us your name so we can put you on our Mailing List.

SPRING PLANTING

Our Spring Planting Folder is one of the best folders we have ever issued. A beautiful out-of-doors illustration in colors with lots of human interest and selling power. Every retail florist, landscape gardener, nurseryman seedsman, should mail this folder to his customers and prospective customers.

Just the thing to promote anything in connection with the out doors—bulbs, trees and shrubs, hanging baskets, window boxes, porch boxes, sun parlors, seeds or lawns. This folder can be printed up with **your individual wording** under any heading. It is suitable for making any kind of a Spring Announcement. Size unfolded 10¼ inches by 6¼ inches—folds twice and can be sealed and mailed under penny postage or in standard 6½ size envelope. Also a beautiful line of cuts and slides. Send for samples of Folders and further information.

MOTHERS' DAY

May 9, 1915.

We have a sales-producing campaign mapped out for this day, complete in every detail. Don't plan your advertising for MOTHERS' DAY without seeing our samples. You will be delighted with the plan we have worked out for promoting MOTHERS' DAY. The plan covers beautifully colored folders same size as Spring Planting folders described, also newspaper cuts and colored slides. The florists who used our Mothers' Day plan of campaign last season secured very satisfactory results. Write for further particulars and samples—mailed free on request. Don't pass up Mothers' Day until you have gone into the proposition with us carefully. We have worked out a plan which meets every objection put forth by retail florists against pushing Mothers' Day. Don't wait until the Easter rush is on. Write for samples today.

A man's mail will reach him where no mortal can. Send us your name for our Mailing List.

NcNEFF-SWENSON COMPANY

220 South Michigan Boulevard, CHICAGO, U. S. A.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Addres4, DARDSFLOR.**

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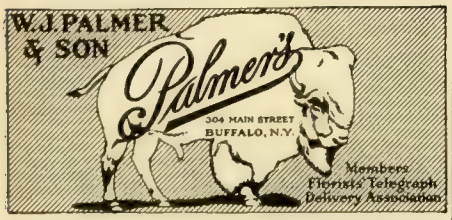

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Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
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Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
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Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
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Sedalia, Mo.—Archias Floral Co.
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Tacoma, Wash.—California Florists.
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Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
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In grand condition, trained into fan, globular and pyramidal shapes, $1.25, $1.50, $2, $2.50, $3, $3.50 and $4 each.
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6-inch pots, very heavy, $6 per dozen; $45 per 100
7-inch pots, very heavy.............$9 per doz.
8-inch tubs, very heavy, made up, $12 per doz.
10-inch and 11-inch tubs, very heavy, made up ....$18 and $24 per doz.

SPIRAEA QUEEN ALEXANDRA

6-inch and 7-inch pots, very heavy, $0.75 and $1 each

GENISTAS

3-inch pots ....$15 per 100
4-inch and 4½-inch pots....$3 and $4 per doz.
5½-inch and 6-inch pots....$6 and $9 per doz.
7-inch pots ....$12 and $15 per doz.
Large plants ....$1.50, $2, $2.50 and $3

MARGUERITES

6-inch pots ....$4 and $6 per doz.

AZALEAS

6-inch and 7-inch pots, $0.75, $1, $1.25, $1.50 and $2 each
Specimens at $2.50, $3, $3.50, $4, $5, $6 and $7.50 each

CROTONS

2½-inch pots, strong plants, $20 per 100; $175 per 1,000
4-inch pots, strong plants, $30 per 100; $275 per 1,000
5-inch pots, strong plants, $50, $75 and $100 per 100
6-inch pots, strong plants, $12, $15, $18 and $24 per doz.
7-inch pots, strong plants, $24, $30 and $36 per doz.
8-inch pots, made up beautiful plants, $24, $30 and $36 per doz.
10-inch pots, made up beautiful plants, $5, $6 and $7.50 each
12-inch and 14-inch tubs, made up beautiful plants ....$10 and $15 each

LILY OF THE VALLEY

5-inch pots ....$7.50 per doz.

DRACAENA MASSANGEANA

4-inch pots ....$7.50 per doz.; $50 per 100
6-inch pots ....$15 and $18 per doz.
8-inch pots ....$24 and $30 per doz.
11-inch tubs, very handsome, $3.50, $4, $5 and $6 each

DRACAENA LORD WOLSELEY

2-inch pots ....$12 per 100
3-inch pots ....$25 per 100
4-inch pots ....$35 per 100
5-inch pots ....$9 per doz.
6-inch pots ....$12 per doz.

DRACAENA STRICTA GRANDIS

2¼-inch pots.........................$20 per 100
3- inch pots.........................$35 per 100
4- inch pots.........................$50 per 100
5- inch and 6-inch pots, $9, $12, $15, $18 and $24 per doz.

DRACAENA AMABILIS

2¼-inch pots.........................$20 per 100
3- inch pots.........................$35 per 100
4- inch pots.........................$50 per 100
5- inch pots...............$9 and $12 per doz.
6- inch pots..............$15 and $18 per doz.

DRACAENA CRAIGII

Small plants, 4-inch pots................$1 each

DRACAENA TERMINALIS

2¼-inch pots.........................$10 per 100
3- inch pots, strong plants.........$25 per 100
4- inch pots, strong plants.........$35 per 100
5- inch pots.........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA BAPTISTII

6- inch pots..........$1, $1.25 and $1.50 each
2¼-inch pots.........................$20 per 100

DRACAENA SHEPHERDII

6-inch pots, heavy........$12 and $15 per doz.

DRACAENA GLADSTON (Rare)

2¼-inch pots.........................$20 per 100
4- inch pots.........................$6 per doz.
5- inch pots.........................$9 per doz.
6- inch pots..........$12, $15 and $18 per doz.

DRACAENA GODSEFFIANA

2¼-inch pots.........................$10 per 100
3- inch pots...............$15 and $20 per 100
4- inch pots.........................$25 per 100

DRACAENA INDIVISA

5-inch pots ....$20 per 100

DRACAENA SANDERIANA

2¼-inch pots.........................$15 per 100

DRACAENA KELLERIANA

2¼-inch pots.........................$12 per 100
3- inch pots.........................$20 per 100
4- inch pots.........................$35 per 100
7- inch pots, made up....$18 and $24 per doz.

DRACAENA FRAGRANS

4-inch pots..........................$35 per 100
6-inch pots..................$6 and $9 per doz.
8-inch tubs..........................$18 per doz.
10-inch tubs....................$2 and $2.50 each
Larger plants...............$4, $5 and $6 each

DRACAENA GUILFOYLEII (Rare)

2¼-inch pots.........................$20 per 100
4- inch pots.........................$6 per doz.
5- inch pots.........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA TITWORTHII (Rare)

2¼-inch pots.........................$20 per 100
4- inch pots.........................$6 per doz.
5- inch pots.........................$9 per doz.
6- inch pots.........$12, $15 and $18 per doz.

DRACAENA ANERLEYENSIS (Rare)

2¼-inch pots.........................$25 per 100
4- inch pots.........................$50 per 100
5- inch pots.........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA IMPERIALIS (Rare)

2½-inch pots.........................$20 per 100
4- inch pots.........................$50 per 100
5- inch pots.........................$9 per doz.
6- inch pots.........................$12 per doz.

DRACAENA—MARGUERITE STORY

2¼-inch pots.........................$20 per 100

DRACAENA—KNERKII

2¼-inch pots.........................$20 per 100

DRACAENA SUPERBUS

2¼-inch pots.........................$20 per 100

PHOENIX ROEBELENII

10-inch and 12-inch tubs, specimen plants, $10, $12.50, $15 and $20 each

FICUS PANDURATA

6-inch pots, 2½ feet tall...............$2 each
7-inch pots, 3 feet tall...........$2.50 each
8-inch pots, 4 feet tall...............$3 each
10-inch and 11-inch tubs, 5 feet tall, $4 and $5 each
Branch plants, exceptionally fine, $2.50, $3, $3.50 and $4 each

PANDANUS VEITCHII

Well-colored plants.
4-inch pots............$6 per doz.; $45 per 100
5-inch pots..........................$9 per doz.
6-inch pots..........................$12 per doz.
7-inch pots................$18 and $24 per doz.
8-inch pots...........$24, $30 and $36 per doz.

PANDANUS UTILIS

4-inch pots, strong plants..........$25 per 100
6-inch pots, strong plants..$50 and $75 per 100

FICUS UTILIS

6-inch pots, 24 inches tall..............$2 each
Larger plants................$3, $4 and $5 each

FICUS CRAIGII

4-inch pots, 15 inches tall..........$35 per 100
6-inch pots, 18 inches to 24 inches tall, $6 to $9 per doz.

BERRIED AUCUBAS

8-inch, 10-inch and 11-inch tubs, $1.50, $2, $2.50 and $3 each

VARIEGATED AUCUBAS

Fine plants for boxes................$35 per 100
7-inch and 8-inch pots, $75c, $1, $1.25 and $1.50 each

GARDENIA VEITCHII

2½-inch pots, heavy..$8 per 100; $75 per 1,000
4- inch pots, heavy.$20 per 100; $180 per 1,000
6- inch pots, heavy, in bud and flower, $9 per doz.
6- inch pots, heavy, in bud, will flower for Easter..........$12, $15 and $18 per doz.

CYCAS REVOLUTA LEAVES

Leaves, 36 to 42 inches long........$3 per pair
Specimen plants, in tubs, $20, $25, $35 and $50 each

ABIES NORDMANNIANA

7-inch and 8-inch, heavy, 75c, $1 and $1.25 each
Large tubs ....$2.50 each

NEPHROLEPIS SCHOLZELI

2¼-inch pots.........$6 per 100; $50 per 1,000
4- inch pots, heavy, $20 per 100; $180 per 1,000
6- inch pots, heavy, $6 per doz.; $45 per 100
8- inch, three-quarter pots, $12 per doz.; $90 per 100
11- inch tubs ....$24 and $30 per doz.

NEPHROLEPIS ELEGANTISSIMA IMPROVED

2¼-inch pots..........$6 per 100; $50 per 1,000
4- inch pots.........................$20 per 100
6- inch pots.................$6 and $9 per doz.
8- inch pots..............$12 and $15 per doz.
Larger plants......$2, $2.50, $3 and $3.50 each

NEPHROLEPIS TODEAOIDES

2¼-inch pots..........$5 per 100; $45 per 1,000
4- inch pots........$20 per 100; $180 per 1,000
6- inch pots................$6 and $9 per doz.
8- inch pots.........................$12 per doz.
9-inch and 10-inch tubs, $24, $30 and $36 per doz.

NEPHROLEPIS SMITHII

2¼-inch pots..........$8 per 100; $75 per 1,000
4- inch pots...............$20 and $25 per 100
6- inch pots.........................$6 per doz.

NEPHROLEPIS BOSTONIENSIS

2¼-inch pots........$6 per 100; $50 per 1,000
4- inch pots.......$20 per 100; $180 per 1,000
6- inch pots..........$6 per doz.; $45 per 100
6- inch pots, heavy..$9 per doz.; $70 per 100
8- inch pots.............$12 and $15 per doz.
11- inch tubs....$2, $2.50, $3, $4 and $5 each

NEPHROLEPIS ROBUSTA (New)

2¼-inch pots, strong plants, $8 per 100; $75 per 1,000
4- inch pots, strong plants, $20 per 100; $180 per 1,000
6- inch pots, strong plants, $50 and $75 per 100
8- inch pots, strong plants, $12 and $15 per doz.
11- inch tubs................$3 and $3.50 each

NEPHROLEPIS SCOTTII

2¼-inch pots........$5 per 100; $45 per 1,000
4- inch pots.......$20 per 100; $180 per 1,000
6- inch pots..........$6 per doz.; $45 per 100
8- inch, three-quarter pots, $12 per doz.; $90 per 100
11- inch tubs............$2, $2.50 and $3 each
13- inch tubs, specimens....$4, $5 and $6 each

NEPHROLEPIS ELEGANTISSIMA COMPACTA

2¼-inch pots..........$6 per 100; $50 per 1,000
4- inch pots.........................$20 per 100
6- inch pots.........................$6 per doz.
8- inch pots.........................$12 per doz.

"TEDDY JUNIOR"

Fine young plants, from 2¼-inch pots, $3 per doz.; $7 per 100; $60 per 1,000
6-inch pots.............$6 per doz.; $45 per 100

NEPHROLEPIS BOSTONIENSIS HARRISII

2¼-inch pots..........$6 per 100; $50 per 1,000
4- inch pots........$20 per 100; $180 per 1,000
6- inch pots...........$6 per doz.; $45 per 100
6- inch pots, heavy....$9 per doz.; $70 per 100
8- inch pots...............$12 and $15 per doz.

NEPHROLEPIS TUBEROSA PLUMOSA

2¼-inch pots..........$8 per 100; $75 per 1,000
4- inch pots.........................$20 per 100
6- inch pots.........................$50 per 100

ASPARAGUS PLUMOSUS NANUS

2¼-inch pots..........$4 per 100; $35 per 1,000
3- inch pots..........$7 per 100; $65 per 1,000
4- inch pots........$12 per 100; $110 per 1,000

ASPARAGUS LUTZI

4-inch pots, heavy, 60c each; $7.50 per doz.; $50 per 100
5-inch pots, heavy, $1.00 each; $10 per doz.; $75 per 100

ADIANTUM HYBRIDUM

2¼-inch pots.........$6 per 100; $50 per 1,000
3- inch pots........$10 per 100; $90 per 1,000
4- inch pots.........................$20 per 100
8- inch pots.........................$12 per doz.
11- inch tubs........................$24 per doz.

NEW SCARLET VERBENA—KARL MULLER

2½-inch pots..........$5 per 100; $40 per 1,000
3- inch pots..........$7 per 100; $60 per 1,000

PELARGONIUM—EASTER GREETING

4-inch pots..........$2.50 per doz.; $20 per 100
6-inch pots.............$5 per doz.; $40 per 100

ROBERT CRAIG COMPANY, 4900 MARKET STREET, BRANCH: NORWOOD, PA. Philadelphia, Pa.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

BELOIT, KAN.—The Beloit Seed Co. is improving its store on South Mill steet.

A. J. BROWN, of the A. J. Brown Seed Co., Grand Rapids, Mich., says the wholesale trade is booming.

W. H. GRENELL, Pierrepont Manor, N. Y., is spending a few weeks at Clifton Springs, N. Y., sanitarium.

CHICAGO.—Prices for grass seed on the Board of Trade March 24 were as follows: Timothy, $5.00 to $6.50 per 100 pounds.

VISITED CHICAGO: A. L. Rogers, of Rogers Bros., Alpena, Mich.; B. W. Dulaney, representing J. Chas. McCullough, Cincinnati, O.

IT is strange that while European buyers have taken more than 500 carloads of old dry peas, yet they will not buy a case of fresh canned goods.

IT is believed the stock of freesia bulbs in southern France, California and even in Bermuda, has extended far beyond the increase of trade requirements.

GOLFERS' COMMENT.—The newly elected president of the United States Golf Association intimates, "that amateurs who have studied the game know more about seeds, soil and fertilizers than most professionals."

NASHVILLE, TENN.—"If the balance of the seedsmen are like I am," says J. R. Peay, of J. R. Peay & Co., wholesale field seeds, "they have all they can say grace over. I couldn't ask for a better business than I am doing."

THE cool March weather in the west has tended to hold the mail trade in check and it is not considered that the height of the mail order business has as yet been reached. There are still indications of ice in the vicinity of Chicago where the ground is not touched by the sun.

JEFFERSON CITY, MO., March 5.—The Missouri house this afternoon engrossed as a special order of business the pure seed bill introduced by Representative Gordon of Clay county which provides that the state board of agriculture test seeds and tag quantities of more than 10 pounds.

PITTSBURGH, PA.—Beckert's Seed Store reports that business with them is excellent, and a continuance of the good conditions is looked for. "Something new" in the windows of the handsome store almost every day is a business bringing idea with them that helps sales.

THE Pieters-Wheeler Seed Co., of Gilroy, Calif., writing under date of March 10, say: "Crop prospects generally are good. There has been some little damage to onion from excessive rains, but this is not serious. Sweet peas are looking well. Growers are all busy planting lettuce, which they were unable to get in earlier on account of the rains."

PORTAGE, WIS.—The T. H. Cochrane Co., seed dealers, reports that business during the past year has been better than that of any year since the company was established. The warehouse will be enlarged this spring to take care of the increasing trade.

SAN JOSE, CALIF.—The Braslan Seed Growers Co., Inc., writes as follows, March 10: "Excessive rainfall in January and February has been detrimental in some localities and interfered generally with seeding. Favorable weather from this date may change the present complexion and there is yet a possibility of good average returns."

PARIS, KY.—The creditors of R. B. Hutchcraft, wholesale seed merchant, who was recently forced into involuntary bankruptcy by some of his Lexington creditors, have agreed to allow his wife 15 per cent of the appraised valuation of the property in lieu of her dower rights in the estate. By this arrangement the property can now be sold without an entanglement and a clear deed given.

LYNN, MASS.—James J. H. Gregory & Son, seed growers of Marblehead, Mass., have opened a branch store at 162 Oxford street, this city. The new quarters, a warehouse with three floors, 265 feet long, has a spur track and a large garage capable of caring for six trucks. R. G. M. Stockwell, formerly in charge of the seed department of the Collins Hardware Co., which went out of business last year, has been appointed manager of the local branch.

NEW YORK.—At the store of J. M. Thorburn & Co. it was recently stated that spring business was starting up well, large orders for grass seed being booked.—Peter Henderson & Co. state that the outlook for the season of 1915 is far better at this date than was expected early in January. It looks now as if it will be a very good year, particularly in vegetable seeds.—At Vaughan's Seed Store it is said that counter and mail trade in all kinds of flower and vegetable seeds is on the increase.—Wm. Elliott & Son and Burnett Bros. say the outlook is favorable.—Weeber & Don consider the condition of business satisfactory.

GILROY, CALIF., March 11.—Waldo Rohnert writes as follows: "Regarding prospects from present appearances will say that so far what is in the ground is looking very good. We have had considerable rain, but no serious floods. From early December until the end of February it seemed to rain continually, so that there was little opportunity to do any sowing. Lettuce and radish will probably be a little late, but owing to the good condition of the land we can look for reasonably good crops. Sweet peas are looking promising, also all root crops. Comparing this season with the last three seasons I would say that conditions are better than normal."

LOS ANGELES, CALIF., March 8.—John Bodger & Sons Co. report: "We have replanted most of our sweet pea acreage twice and at this writing have decided to cultivate 200 to 250 acres and plant beans, as the season is now past for replanting sweet peas. This includes a large portion of our grandiflora and Spencer varieties, besides the early flowering, excepting Mrs. Wallace, which survived, but was nipped by frost and does not look like a crop. We expect you have had reports from the north of the rains which have been coming at intervals of six to eight days ever since December. Our heavy land is so wet that we have been unable to stand on it for 40 days. Seed planted barely under the ground rotted as though it was standing in water. Conditions, however, are more favorable for flower seeds on which we are concentrating our energies."

MILWAUKEE, WIS.—S. G. Courteen, president of the Courteen Seed Co., gives the following interesting report of market conditions: The past winter has been a memorable one to all wholesalers in agricultural produce. Values on the average for all farm products have been probably the highest in the last 30 years—the direct cause being the European situation. The market in dried peas has felt it equally with other cereals. The large quantity of old seed peas hanging over the market for the past two seasons have disappeared, having found their way across the Atlantic as a cheap food for the distressed Europeans. Supplies at the present time of dried peas are extremely limited, and prices hovering close to the three dollar per bushel mark. The exports of old Alaska and other seed peas have aggregated 250 to 300 cars, this in addition to the free exports of the standard varieties of cooking peas.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's

SEEDS AND BULBS

ARE you interested in Freesia Purity Bulbs (first size) at two dollars per hundred, or twelve dollars per thousand?

Ask us about our "below-the-market" specialties and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

KENTIA SEED

FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners.

Valley for Easter

CHICAGO MARKET BRAND

Best Valley in existence, giving the best results all year round.

$15.00 for 1000 **$8.00 for 500**
4.50 for 250 **2.00 for 100**

FLORIST MONEY MAKER BRAND

Best Valley at moderate prices.

$13.00 for 1000 **$7.00 for 500**
$4.00 for 250

H. N. BRUNS

3032 Madison St., CHICAGO.

Barnard's Lawn Mixtures

Sell Rapidly and Afford a Good Profit to Dealers.

Perpetual Green There is no better seed for the making of a luxuriant and permanent lawn. This is our standard mixture, same as sold by us for years to leading parks, private estates, golf and link grounds, etc. Put up in ½-lb. and 1-lb. cartons; also in 5, 7 and 14-lb. cloth bags Price, in cartons, per lb., 18c; in bulk, 17c. Retail price, lb., 30c.

Choice Mixture A good, well-balanced mixture which we do not hesitate to recommend. Same containers as above. Price, in cartons, per lb., 13c; in bulk, 12c. Retail price, lb., 25c.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and German.

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS GROWERS FOR THE TRADE
Write for Prices

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting ONION SETS.

Schilder Bros., CHILLICOTHE, OHIO.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

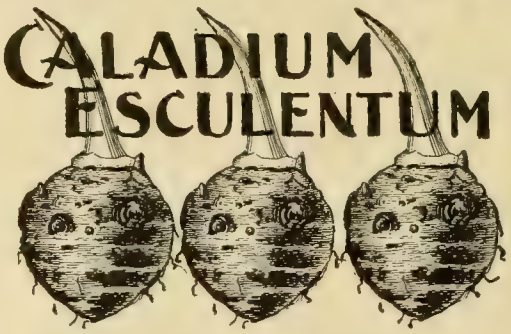
Spring Bulbs For Counter Trade

GLADIOLUS

For Forcing and Field.

	Per 1000
Hyde Park, first size (very early bloomer)	$60.00
Mrs. Francis King, first size (3000 for $25.00)	9.00
Mrs. Francis King, medium size (3000 for $19.00)	7.00
Thick, healthy bulbs grown by us.	
Augusta, first size	12.00
Augusta, medium	10.00
Our own growing, sound and healthy.	
America, first size	12.00
America, medium	10.00
Our own growing, sound and well graded.	
Princeps	30.00
Florists XXX, Mixed (Light Colors)	15 00
Scarlet and Red Shades	11.00
Pink Shades	16.00
Striped Shades	22.00
Yellow Shades	27.50

CALADIUM ESCULENTUM



	Per 100	Per 1000
5-7-inch cir	$ 1.75	$ 15.00
7-9-inch cir	3.50	30.00
9-11-inch cir	6.00	55.00
12-inch and up cir	14.00	125.00

Get Our "Book For Florists."

BEGONIAS

Tuberous Rooted.

	Per 100	Per 1000
Single Separate Colors	$2.50	$20.00
Single Mixed Colors	2.00	18.00
Double Separate Colors	3.50	30.00
Double Mixed Colors	3.00	28.00

TUBEROSES

TRUE DWARF PEARL.	Per 1000
First Size, 4-6 inch	$10.00
Medium Size, 3-4 inch	5.00

Cold Storage Lilies

	No. in case	Per case
Giganteum, 7-9-in.	300	$16.00
Giganteum, 8-10-in.	225	16.00
Giganteum, 9-10-in.	200	20.00

CHICAGO **Vaughan's Seed Store** NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also Bamboo Stakes, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

Woolworth Bldg., New York City

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons Seedsmen

ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same

King Humbert Cannas

Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5.00 per 100; 4 in. plants, $8 00 per 100.

Satisfactory references or cash.

W. W. COLES, Kokomo, Ind.

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.

Peas and Beans, Michigan Grown.

Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.

Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

Fancy Caladium Bulbs

4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

Tampa Floral Co., Tampa, Fla.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,

1004 Betz Bldg., Philadelphia, Pa.

Card brings a Catalogue

BRUNNINGS

Leading Suppliers of

EUCALYPTUS and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited.

Swedesboro, New Jersey

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.

Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

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GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho.

MILFORD, CONN.

Canna Roots

10,000 King Humbert, 2 to 4 eyes each, in perfect condition, at $2.00 per 100; $15.00 per 1000.

Also **Compte de Bouchard, David Harum, Egandale, Florence Vaughan, Gladiator, Mephisto, Niagara, Souv. d' A. Crozy, Venus, Wyoming, Yellow Crozy,** at $2.00 per 100; $15.00 per 1000.

Dahlia Roots

Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan.

The above are the best varieties for cut blooms. Strong roots, strictly true to name, at

$3.00 per 100; $25.00 per 1000.

Not less than 25 of a variety at 100 rates. Lots of 500 or more, either of Cannas or Dahlias, made up in any way desired (but not less than 50 of a variety), at the 1000 rate. Packed free for cash with order.

J. T. LOVETT, Little Silver, N. J.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds — **Baltimore, Md.**

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PURITY FREESIA BULBS

Can furnish A-1 bulbs at rock bottom price

GIVE US A TRIAL.

CURRIER BULB CO., Seabright, Cal.

Lily of the Valley Pips

From Cold Storage.

2500 to case........................per 1000, $17.00
New crop, 1000 to case..............per 1000, 16.00

ST. LOUIS SEED CO.
411-413 Washington St., St Louis, Mo.

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white each. ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant — Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink, Lavender and White. Trade pkt. 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers, very popular with florists. Trade pkt. 25c., ¼ oz. 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each, ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink, Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi-Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1.00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt. $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c. Single striped and blotched, ¼ oz. 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz. $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c.

The Storrs & Harrison Co.

Painesville, Ohio.

Mention the American Florist when writing

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

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RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

Weiland & Risch
154 N. Wabash Ave., CHICAGO

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400,000 Rooted Carnation Cuttings

We have the following varieties in extra strong stock for **IMMEDIATE DELIVERY:**

	Per 100	Per 1000
Matchless (white)	$6 00	$50 00
White Wonder	4 00	25 00
White Enchantress	2 50	20 00
Shasta	2 50	20 00
Rose Pink Enchantress	2 50	20 00
Philadelphia (light pink)	6 00	50 00
Gloria (light pink)	$3 00	$25 00
Gloriosa "	2 50	20 00
Mrs. C. W. Ward (pink)	2 50	20 00
Northport (dark pink)	2 50	20 00
Peerless Pink "	6 00	50 00
Enchantress	2 50	20 00
Champion (scarlet)	$6 00	$50 00
Beacon "	3 00	25 00
Commodore "	2 50	20 00
The Herald "	2 50	20 00
Benora (variegated)	3 00	25 00
Conquest "	2 50	20 00

For list of **Chrysanthemum Rooted Cuttings,** see our advertisement in the Ready Reference Department.
Liberal discounts on large orders.

J. D. THOMPSON CARNATION COMPANY, Joliet, Ill.

Montreal.

FUNERAL WORK BIG FACTOR IN SALES.

Funeral work is still the biggest part of the business done and some elaborate and expensive pieces have been executed lately. Many people seem to deny themselves flowers just now, but the offering of tributes at funerals has not decreased. There is a good supply of roses and carnations at moderate prices, and large quantities of bulbous stock at any old price on the market, which all seems to find a sale, doubtless at a loss, for it is hard to see how Golden Spur narcissi can be grown profitably at 40c per hundred, nor retailed at 25c per dozen with a profit. Easter plants will be better than ever this year as the winter has been moderate and correct temperatures in the respective houses have been maintained. Lilies have never been so free from disease as this year and they are well budded and of even growth. Hydrangeas, since the introduction of the French varieties, are much easier to handle and have every shoot in bud, and their great range in color should make them next to the lily, the best Easter plant going. Pot roses are somewhat like the azaleas, a little shy to bud. It is said that they were lifted too soon, though some varieties are quite satisfactory. There will be the usual supply of cyclamens, primulas and bulbous stock.

NOTES.

The Canadian Horticultural Association executive meeting will be held April 12 in London, Ont. The usual custom was to hold it in March, but owing to Easter being so near, it was felt that the members would be more at liberty after Easter.

St. Patrick's day did not come up to expectations. Most dealers had stocked up heavily, but had to sacrifice it cheap when they found it did not sell. Shamrocks were plentiful, but none were left with the growers.

Among the private gardeners, a few changes have taken place, but not so many as in former years, as the majority are content to await better times.

R. Scott, Montreal, west, intends to do some enlarging at his present range for a general plant trade.

Tom Gillespie was the winner, March 15, at the Montreal Gardeners' and Florists' Club euchre.

John Walsh is about again, but with difficulty. His sprained ankle will take a lot of care yet.

E. J. Hayward, St. Paul, is making plans to build a house for fern growing. L.

SAVANNAH, GA.—George Adair, florist, addressed the Rotary Club on the subject of flowers, March 16.

250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000
White Enchantress	$2.00	$17.50
Pink Enchantress	2.00	17.50
Rose Pink Enchantress	2.00	17.50
Mrs. Ward (dark pink)	2.00	17.50
White Perfection	2.00	17.50
Herald (extra fine red)	$3.00	$27.50
Josie Merle (fine pink seedling)	3.00	25.00
Philadelphia	3.00	25.00
Washington	3.00	25.00

2½ inch Pots

Josie Merle.....$3.50 per 100; $30.00 per 1000
Philadelphia..... 4.00 per 100; 35.00 per 1000

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000
White Killarney	$4.00	$35.00
Pink Killarney	4 00	35.00
Richmond	3.00	25.00
Maryland	$4.00	$35.00
Milady	4.00	35.00
Shawyer	4.00	35.00

BENCH PLANTS

	Per 100	Per 1000
Killarney	$6 00	$50.00
Richmond	6.00	50.00
Ward	$6 00	$50.00
Shawyer	6.00	50.00

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

Mention the American Florist when writing.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

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Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids.** Special lists on application.

LAGER & HURRELL, Summit, N. J.

Mention the American Florist when writing.

Vaughan's Flower Seeds

Sweet Peas

SPENCER VARIETIES

WHITE	Oz.	¼ lb.	Lb.
King White. Best white	$0.60	$2.00	$8.00
White Spencer	.25	.85	3.00
PINK			
Countess Spencer. Clear pink	.20	.70	2.40
Blanche Ferry. A giant type of Spencer form, with rose standard, and wings white suffused and tinted with light pink	.20	.60	2.00
Elfrida Pearson. Large pale pink flower, the buds and young flowers having a distinct tint of buff	.25	.85	3.00
Florence Morse. Standard richly flushed with a beautiful distinct shade of pink; wings soft blush pink	.20	.60	2.00
Rosabelle. A very fine large rose-colored flower, giant size and a strong grower producing abundance of sprays of fours	.60	2.00	8.00
Hercules. A pale rosy flower of giant size	.60	2.00	8.00
Mrs. Cuthbertson. Standard rose pink, wings white	.30	1.00	4.00

LAVENDER	Oz.	¼ Lb.	Lb.
Asta Ohn. A soft pinkish lavender self	.20	.70	2.60
Florence Nightingale. Bluish lavender	.25	.85	3.00
Margaret Madison. A beautiful self-colored azure blue. A lovely shade	.30	1.00	4.00

GRANDIFLORA VARIETIES

WHITE	Oz.	¼ Lb.	Lb.
Dorothy Eckford. One of the best whites	$0.10	$0.20	$0.60
Nora Unwin. Giant white	.10	.30	1.00
PINK			
Gladys Unwin. Pale rosy pink	.10	.30	1.00
Lovely. Soft shell pink	.10	.25	.90
Prima Donna. Soft pink	.10	.25	.85
LAVENDER			
Frank Dolby. Largest and finest pale blue	.15	.45	1.50
Flora Norton. A very bright blue	.10	.25	.90
Lady Grisel Hamilton. Lavender	.10	.25	.80

For Complete List of Flower Seeds see our "Spring Book For Florists."

43 Barclay Street, NEW YORK — **VAUGHAN'S SEED STORE,** — **31-33 W. Randolph Street CHICAGO**

500,000 'Mum Cuttings

Some ready now. Chadwick Improved, $3 00 per 100; $25 00 per 1000. W. H. and Golden Chadwick, Chrysolora, Major Bonnatton. Yellow Eaton, Chas Razer, Lynwood Hall and Dr. Enguehard, $2.00 per 100; $15.00 per 1000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12.00 per 1000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. 250 at 1000 rate.
Orders booked now for future delivery.
Ask for prices on large amounts.

Morris Floral Co., Morris, Ill.

ROOTED CUTTINGS.

Heliotrope. 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000. Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1000. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

BOXWOODS--Most Beautiful Stock

Pyramids, 2 -ft	$1.00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½-ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Spring List Roses

Ferns, Plants, Vines, Bulbs, Etc.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Boston Fern, 2¼-in. pot, $4.00 per 100, $35.00 per 1000.
Teddy Jr. Fern, 2¼-in., $6 00 per 100, $60.00 per 1000.
Scholzeli and **Scottii Ferns,** 2¼-in. pots, $5.00 per 100.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Begonias, Tuberous Rooted, Single, seperate colors, $3.00 per 100.
" " " " mixed colors, $2.25 per 100.
" " " Double, separate colors, $4 50 per 100.
" " " " mixed colors, $4.00 per 100.
" " " Single Frilled, separate colors, $7.00 per 100.
English Ivy, 4-in. pot plants, 3 ft. tops, $12.00 per 100.
" " 3-in. pot plants, 2 ft. tops, $9.00 per 100.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Gloxinias, separate colors, $4.00 per 100.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Pelargoniums, 3-in. pot plants, 10 varieties, $10.00 per 100.
Vinca Variegata, 4-in. pots, fine tops, $10.00 per 100.
" " 3-in. pots, " " $7.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio.

If you are short of Blooming Plants, such as

Azaleas, Lorraine,
Cincinnati, Cyclamen,
Poinsettias, Primroses,

Wire your order to

GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

CARNATIONS

F. DORNER & SONS CO.,
LaFayette, - - Indiana

GERANIUMS

Delivery March 29th to April 15th. Guaranteed to reach you in good order to any point reached within fifty hours.
S. A. Nutt, $12.50; **Ricard** and **Poitevine,** $15.00 per 1000.
30,000 Plumosus, extra fine at $25.00 per 1000.
Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, March 23.—Mushrooms, 50 to 55 cents per pound; lettuce, 20 cents per box; radishes, 25 cents to 50 cents per dozen bunches; asparagus, $1.00 per dozen bunches; celery, 12 stalks, 15 cents to 25 cents; cucumbers, $1.00 to $1.30 per dozen.

New York, March 23.—Cucumbers, 90 cents to $1.25 per dozen; mushrooms, 85 cents to $1.65 per 4-pound basket; tomatoes, 25 cents to 35 cents per pound; radishes, per 100 bunches, $2.00 to $2.50.

Hardening Plants.

Growers generally recognize the necessity of preparing plants for moving from plant beds to the fields. Hotbed men believe they have the advantage over the greenhouse men, as they can remove the sash and expose the plants to the full air. This looks well in theory, but in practice we often find that a rainy spell with high temperature, together with the bottom heat from the manure and excessive fertility, upsets our scheme, and instead of a sturdy plant, we have a soft, overgrown and undesirable product.

The greenhouse man, on the other hand, must resort to the reduction of moisture. This he should regulate as soon as his plants are well started, aiming to reduce the moisture to a point of actual starvation by the time the plants are ready to set out. It is surprising what amount of drying most plants will endure without harm. As the plants absorb their moisture through tiny rootlets, it follows that the less the moisture, the more rootlets are needed and formed. When such plants are well watered just before removal, and care used in lifting them, they will transplant perfectly and "walk right off," while the soft plant will have a struggle for a living. We have repeatedly referred in these columns to our ideas in plant production, one of which is to mature a plant as near as possible in a temperature corresponding to the place it is to occupy later on. Thus a greenhouse man, by withholding heat at night, can train a plant to low temperature, which is not possible in a hotbed with manure at 75°. Our plants are all in rows and check rowed, and as soon as we can we use a knife between the rows as a cultivator. Each time the knife is run deeper, until we cut to the bottom of the bench, 3 inches. We can thus restrict the roots, harden the plant, and remove the entire ball if needed, without the use of pots or paper bands. This cultivation produces sturdy plants. MARKETMAN.

INDIANAPOLIS, IND.—Spring cleaning of the parks and boulevards, usually done in April, has been started, which will make it possible for the parks to be in readiness several weeks earlier than usual.

Pittsburgh.

TRADE HOLDS UP WELL.

It is seldom that a pre-Easter season has held up so well as it has this year, considering such a bad year as we have experienced, but business is really very good, having held up quite well ever since Christmas. There has been but little dark weather of late, and the goodly amount of sunshine we have had has kept the several varieties of stock in the best of supply. Prices, we might say continue to remain firm, except for the trivial gluts that sometimes affect such stock as tulips, daffodils and lilies. The latter have not been selling so well of late, owing to the large amount being cut by the local growers, due, no doubt, to the fact that many were forced a little too early for Easter. We are assured of a heavy supply of Easter lilies from all sources, and tulips will also be with us in quantity. There is always a great demand for the double Murilla tulip at this season, so this is probably the only variety that will be entirely consumed. Carnations are also holding up their end very well, and growers report good prospects for large cuts during Easter week. American Beauty roses are always in more demand than supply, and we cannot speak encouragingly of a good Easter supply. Tea roses are still bringing good prices and there are just enough to go around nicely. The market is well off in the way of fancy sweet peas, and some of the best stock displayed here in some time may be had at quite reasonable figures.

NOTES.

The Pittsburgh Cut Flower Co. now occupies, and is doing business in their magnificent new store at 118 Seventh street. Messrs. Clark and Langhans take great pride in showing the trade around their new home, and their efforts are amply justified, for it is hard to find another wholesale house in the country to excel it.

George Marshall, of the McCallum Co., has been confined to bed with an attack of la grippe for over a week. During the early siege of his sickness he was very weak, but is rapidly recovering, and expects to be in good shape again for the Easter rush.

Joseph Thomas, the plant specialist, of Greensburg, reports a heavy trade in blooming and decorative plants of all kinds. His one big specialty is ferns, and he certainly is displaying some pleasing ones this year.

The McCallum Co. is adding another greenhouse to their range of glass at Allison Park, and expect to have it in full running order this fall. Some excellent Spencer sweet peas are being featured at their store.

G. L. Huscroft held his spring opening March 20, at his Steubenville, O., store, and reports pleasing results from the affair.

John Colton, of East Liverpool, Ohio, has expanded his business and may now be found doing business in Steubenville, O.

Miss Cathryn Friel, with R. J. Duschbach's force, is confined to her home with tonsilitis.

Visitors: Julius Dillhoff, of Schloss Bros.; M. Alexander, of Lion & Co., New York; Frank Farney, of M. Rice Co., Philadelphia, Pa.; Joseph Thomas, Greensburg, Pa.; Geo. L. Huscroft, Steubenville, Ohio. G. M.

Evolution Reversed.

Dr. William Bateson, president of the British Association for the Advancement of Science, intimates that our ideas of evolution need a rearrangement. In his presidential address he suggests that instead of evolution in general moving from the simple to the complex, that it may be just the other way about. Usually we have assumed the appearance of a new characteristic in plants or animals to be developed de novo to fit the conditions to be met, but Bateson's work in plant breeding has convinced him that no character can arise that was not latent in the cell from the beginning. If a new color appears in a flower, for instance, he explains it by the loss of some character that caused the normal color or by the appearance of a color factor that has previously lain dormant in the plant. So with other characters. All are regarded as existing in the cell and produced or suppressed as circumstances determine. Some characters he supposes to originate by fractionation of the original characters or by a rearrangement of such characters. To illustrate this he cites the case of the sweet pea which consists of a single purple-and-white flowered species that up to the present it has been impossible to cross with any other plant; and yet breeding has produced a most remarkable series of colors in the flowers. Similar conditions as to color, size and flavor exist in our various apples which are regarded as the descendants of a single wild species. All the different forms are supposed by Bateson to be due to the loss of some deterrant factor. The old evolution explains such cases by the reverse of this process; that is, each new form was assumed to be due to the gain of some character. Darwin's idea of the matter seems the more plausible of the two and we may wait for more evidence before accepting Bateson too literally. Upon the theory he propounds all yellow flowered species should contain in them the determiner for red flowers and all red fruits possess the capability for yellow ones.—American Botanist.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark **American Spawn Co. St., Paul, Minn.**

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

DREER'S
Snow-Ball Petunia

A most select double white variety and a valuable plant to grow for summer cut flowers. We offer thrifty stock plants, which will furnish an abundance of cuttings in a short time, 3-inch pots, 85c per doz.; $6.00 per 100.

HENRY A. DREER
714-716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only.

Some Excellent Stock
For Potting After Easter.

To have ready for bedding out and Memorial day trade. Liberal extras for early orders.

Large 2 and 2¼-inch pot **Geraniums,** Henderson, Viaud, Ricard, Nutt, Grant, Montmore, Perkins Meehan, Buchner, La Favorite etc, etc. Special Price, $2.25 per 100, $20.00 per 1000. Try some.

Size of pots.	Per 100	1000
2½ in. **Heliotropes,** 3 varieties	$2.75	$25.00
2½ in. **Marguerites,** white and yellow.	2.50	22.50
2¼ in. **Fuchsias,** 15 varieties	2.75	25.00
2¼ in. **Abutilons,** 8 varieties	2.50	22.50
2½ in. **Petunias,** double, 12 varieties	3.00	25.00
2¼ in. **Salvias** Bonfire and Splenden.	2.50	22.50
2½ in. **Vinca Variegata**	3.50	30.00
3½ in. **Vinca Variegata** and **Green**	6.50	60.00
2½ in. **Asparagus Plumosus**	3.00	25.00
4 in. **Asparagus Plumosus**	7.50	70.00
2½ in. **Asparagus Sprengeri**	2.50	22.50
3 in. **King Humbert Cannas**	4.50	40.00
Funkia, Variegata clumps	5.00	45.00
Choice mixed **Pansy Plants,** in bud		3.50
Big Boston and Grand Rapids **Lettuce Plants**		1.50
20 varieties of **Cannas,** potted, true to name	4.00	35.00

25,000 4, 5, 6 in **Dracaena Indivisa,** $10.00, $20.00 and $25.00 per 100

"Golden Leaved Privet" ovalifolium aurea, 6-in. pot, 18 to 24 inches high, very bushy, 35c each; 4-in. pot, bushy plants 15c each. Young plants for potting, $6.00 per 100. Excellent stock for filling urns and porch boxes.

Also abundance of other stock on hand. Correspondence solicited.

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"ALICE" CARNATION CUTTINGS

Have over 50,000 in propagating benches and can make prompt shipments. **Don't miss** trying some of this **commercial** acquisition.

Prices to Trade only. Per 100, $12.00; per 1000, $100.00; per 2500, $237.50; per 5000, $450.00; per 10,000, $800.00.

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Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

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Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

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The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

MONROE, MICH.—Alien employes of two large nurseries here are striking for a 50-cent daily wage increase.

NEW ULM, MINN.—Preferred stock is now being sold in what will be the Pioneer Nursery Co., capitalized for $50,000.

HELENA, MONT.—The State Nursery Co. is celebrating the twenty-fifth anniversary of starting in business in this city.

NEMO, TEX.—J. G. Jones, of Austin, Tex., who owns a 1,500-acre farm near here, will devote part of the tract to fruit raising. Fourteen thousand trees will be planted as a beginning.

SAN FRANCISCO, CALIF.—County Horticultural Commissioner Lamiman has inspected over 50,000 trees in Shasta county. Olive and prune are the leading varieties sought by the orchardists.

TEXAS nurserymen have been appealed to by state, city and county authorities, civic clubs and other welfare workers, to donate a part of their surplus stock so that each student of the public schools in the state can cultivate a tree.

DENVER, COLO.—The European pine shoot moth has made its appearance in Denver and Colorado tree growth and is considered such a menace that the United States department of agriculture has called the attention of the city department of horticulture to the necessity of stamping out the pest.

SPOKANE, WASH.—State horticultural inspectors will have the power to enter infected orchards, eliminate diseased trees and charge the expense against the property if the horticultural code proposed by the state department of agriculture becomes a law. The code has been placed before the joint committee on horticulture.

NAMPA, IDA.—Advices that Governor Alexander intends to veto the portion of the appropriation bill providing for horticultural inspectors has aroused local orchardists. It is pointed out that if the governor cuts off all inspectors an immense amount of harm will be done, not only to the fruit interests, but to the farmers of Idaho as well.

Arbor Days of the States.

For the first hundred years as a nation the United States was too busy cutting down trees for homes, to realize that we were in many cases causing needless waste in our manner of home making. When we began to appreciate the real value of our trees, we also awoke to the fact that each year they were growing scarcer. As a result we have begun to plant trees and to try to save those we have. For a number of years nearly all the states have observed an annual Arbor day and in some states—there have been one in the spring and another in the fall. It is, in some states, fixed by law, and in others the governor is empowered to proclaim a date which he deems advisable. It is observed more particularly by the public schools, the state in many cases furnishing the trees for the children to plant and the operation taking place with appropriate ceremonies. The greatest benefit from Arbor day, is the fact that tree-planting and the esthetic value of tree planting is inculcated in the minds of future Americans while they are yet young. Following are the dates of Arbor day in the United States and Canada; also the manner in which it is fixed:

Arbor Days in United States.

Alabama—Day not observed.
Arizona—
Arkansas—
California—No state holiday. Each county fixes own date.
Colorado—Date fixed by governor's proclamation. Occurred April 18 in 1913.
Connecticut—Date fixed by governor's proclamation. Occured April 18 in 1913.
Delaware—
District of Columbia—
Florida—
Georgia—First Friday in December. Occurred December 6 in 1912.
Idaho—
Illinois—Date fixed by governor's proclamation. Set for April 16 and October 22 in 1915.
Indiana—Third Friday in April. Occurred April 18 in 1913.
Iowa—Date fixed by governor's proclamation. Occurred April 23 in 1913.
Kansas—Date fixed by governor's proclamation. Occurred April 10 in 1912.
Kentucky—Date fixed by governor's proclamation. Occurred April 25 in 1913.
Louisiana—
Maine—Date fixed by governor's proclamation. Occurs some time in May, usually on Friday; May 17 in 1912.
Maryland—Date fixed by governor's proclamation. Occurred April 11 in 1913.
Massachusetts—Date fixed by governor's proclamation. Occurred April 26 in 1913.
Michigan—Occurred May 9 in 1913.
Minnesota—
Mississippi—
Missouri—Occurred Friday, April 14, in 1913.
Montana—Second Tuesday in May. Occurred May 13 in 1913.
Nebraska—April 22. Date fixed by law, but governor also proclaims it.
Nevada—Date fixed by governor's proclamation. Occurred April 18 in 1913. Likely to be changed to about April 1 as other date regarded too late.
New Hampshire—Occurred May 3 in 1913.
New Jersey—Second Friday in April. Occurred April 11 in 1913.
New Mexico—Date usually fixed by governor's proclamation.
New York—Occurred Friday, May 2, in 1913.
North Carolina—No regular date. Observed only irregularly and not each year.
North Dakota—Date fixed by governor's proclamation. Occurred May 2 in 1913.
Ohio—Date fixed by governor's proclamation, usually in April. Occurred April 4 in 1913 though this date is earlier than usual.
Oklahoma—
Oregon—Second Friday in April. Announced by proclamation by superintendent of public instruction. Occurred April 11 in 1913.
Pennsylvania—Date fixed by governor's proclamation. Occurred twice in 1913, early in April and on May 25.
Rhode Island—Second Friday in May. Legal holiday.
South Carolina—
South Dakota—Occurred April 22 in 1913.
Tennessee—
Texas—Date fixed by governor's proclamation. Occurred March 7 in 1913.
Utah—Date fixed by governor's proclamation. Occurred April 15 in 1913.
Vermont—Occurred April 25 in 1913.
Virginia—Date fixed by governor's proclamation.
Washington—Occurred April 16 in 1913.
West Virginia—
Wisconsin—Occurred May 2 in 1913.
Wyoming—Date fixed by governor's proclamation for last Friday in April. Occurred April 25 in 1913.

Arbor Days in Canada.

Manitoba—Occurred May 5 in 1913.
Nova Scotia—First Friday in May. Occurred May 2 in 1913.

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200 Acres
Are noted for the exceptionally fine stock of
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A visit will repay you, as you will need just such stock for your clients who desire quick landscape results from their plantings. Special discount to gardeners.
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California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
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500,000 California Privet

Two years, 2 to 3 ft., 5 to 8 branches, extra fine.....$19.00 per 1000
Two years, 2 to 3 ft., 3 to 6 branches..... 15.00 per 1000
Two and three years, 3 to 4 ft., 6 to 12 branches, extra fine..... 25.00 per 1000
Bright, clean and handsome, with remarkable root system.

Amoor Privet. One year, 12 to 18 in., extra fine, $15.00 per 1000; two years, 1½ to 2 ft., $20.00 per 1000; two years, 2 to 3 ft., $30.00 per 1000.

Berberis Thunbergii. Two years, transplanted and stocky, 9 to 12 in., $4.50 per 100; $40 00 per 1000; and 12 to 18 in., $5.50 per 100; $50.00 per 1000.

Special rates on lots of 5000 or more. Contracts for California Privet in car lots for fall delivery solicited.

J. T. LOVETT, Little Silver, N. J.

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TO FILL ALL ORDERS FOR

Easter Plants

Our stock is exceptionally fine and in Prime condition. Order at once. Will ship promptly.

Our Lilies Are now in fine condition for shipping. Buds are just right. Have two large houses full of them, in medium and full sizes, from three buds up to ten buds to the plant, at 10c per bud, with four or more; less than four buds to plant, 12c per bud.

AZALEAS. We import only from the best growers in Belgium. Have three houses full of them in prime condition for Easter, such as: **Mme. Van der Cruyssen**, well budded, 5½, 6, 7, 8-in. pots, 60c., 75c., $1.00, $1.25, $1.50, $2.00. **Vervæneana**, best double rose variegated, 60c., 75c., $1.00, $1.25, $1.50. **Niobe** and **Vervæneana alba**, best white, 60c. 75c., $1.00, $1.25, $1.50, $2.00. **De Schryverianna**, best double variegated, 75c., $1.00, $1.25, $1.50. **Apollo**, best red, and other well-known varieties, 75c., $1.00, $1.25, $1.50. We have a limited number of **NEW AZALEAS**, such as: **Blushing Bride**, a beautiful shell pink with large flowers; and **Daybreak**, a shade darker; $1.00, $1.25.

HYDRANGEAS. French varieties, such as: **Mme. Moulliere**, best white; **Avalanche**, white; **Gen. de Vibraye**; **Mme. Hamar**, best rose; 6-in. pots, 35c., 50c., 75c., $1.00.

HYDRANGEA Otaksa, 6 and 7-in. pots, 3 to 6 buds, 35c., 50c., 75c., $1.00.
SPIRÆA Gladstone. 6 and 7-in. pots, full of buds, 35c., 50c., 75c.
CINERARIA Hybrida. Best strain, 6-in. pots, 25c., 35c., 50c.
BEGONIA Luminosa. Bright red, 4-in. pots, 12c.; 5-in. pots, 25c.; full of flowers.
PRIMULA Obconia. In bloom, 5-in., 25c.
HYACINTHS. We only import the best bulbs from Holland, which produce large flowers. **Gertrude**, best pink; **Grand Maitre**, lavender; **King of Blues**, dark blue; **La Grandesse**, best white; 4-in. pots, $12.00 per 100.
TULIPS. 3 bulbs in a 4-in. pot. **Murillo**, pink; **Imperator Rubrorum**, double red; **Couronne d'Or**, yellow; $12.00 per 100.
DAFFODILS, Von Sion, 3 double nose bulbs in a 5½-in. pot, $2.50 and $3.00 per doz.
FERNS. Such as **Scotti, Whitmani, Boston**, 6-in. pots, 35c., 50c.; 7-in., 75c. 6-in. pans **Giatrasii**, 50c.

ARAUCARIAS. Excelsa, well shaped, nice green color, 5, 6, 7-in. pots, 50c., 60c., 75c., $1.00, $1.25.
Robusta compacta, very heavy, $1.25, $1.50.
Glauca, 6-in., $1.00; 7-in., $1.50.
DRACÆNA Terminalis. Highly colored, 50c., $5.00 per doz.
KENTIA Fosteriana. 6-in. pots, 75c., $1.00, $1.25, $1.50. Good value.
ADIANTUM Hybridum. 3-in., 6c.; 4-in., 10c.
PTERIS Wilsoni. 4-in., 15c.; 6-in. pans, 35c.
HOLLY FERNS. 4-in., 20c.
ASPARAGUS Plumosus. 3-in., 6c.; 4-in., 10c. **Sprengeri**, 4-in., 10c.
IMPOMŒA Noctiflora (Moonvines). 2½-in. pots, $5.00 per 100.
FICUS Elastica (Rubber Plants). 5-in. pots, 35c.; 6-in. 50c.; 7-in., very large, heavy, 75c. and $1.00.
BOXWOOD. For window boxes, 35c., 50c.

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Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in..... 25c
" " " 18-in..... 45c
" " " 30-in..... 2.00

Pyramids, 36-in.....$1.75
" 42-in..... 2.25
" 48 in..... 3.25

Globes, 18 by 18-in..... 3.00

Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei, 4 to 5 feet, full of buds, balled and burlapped, $1.50 each.

Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped $1.50 each.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

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All Ready Now

	Per 100	Per 1000
Alice	$12 00	$100 00
Champion	6 00	50 00
Enchantress	3 00	25 00
Gloriosa	3 00	25 00
Good Cheer	12 00	100 00
Herald	4 00	35 00
Matchless	6 00	50 00
Pink Sensation	12 00	100 00
Philadelphia	4 00	35 00
Rosette	3 00	25 00
White Enchantress	3 00	25 00
White Wonder	3 00	25 00

Vaughan's Seed Store, 31-33 W. Randolph St., **Chicago**

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in, cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread	each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

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Mention the American Florist when writing.

Our New Rose Mrs. Moorfield Storey

Has strong upright growth, the wood being very stout and smooth, with large handsome dark green foliage practically mildew or black-spot proof. The flowers, which are freely produced, are of good size and substance with abundant petals, opening freely. The color is a shell pink deepening toward the centre with the large smooth petals tipped deep rose. It will be a fine, yet distinct companion for the Mrs. Charles Russell Rose.

Own Root	**100, $30.00**	**250, $70.00**	**500, $125**	**1,000, $250**	**2,500, $565**	**5,000, $1,000**	**10,000, $1,800**
Grafts	**" 35.00**	**" 82.50**	**" 150**	**" 300**	**" 690**	**" 1,250**	**" 2,300**
Eyes	**" 27.00**	**" 62.50**	**" 120**	**" 220**	**" 490**	**" 850**	**" 1,500**

Own root and grafts delivered in March, 1915.

WABAN ROSE CONSERVATORIES Natick, Mass.

Houston, Texas.

At a meeting of the local florists' club at its rooms in the Chamber of Commerce, March 15, it was announced by C. L. Brock, city superintendent of parks, that 10 acres of the George Hermann estate will be converted into an experimental garden for sub-tropical plants and flowers, and a specimen grove of Texas native trees and shrubs. This experimental garden will be a municipal affair, among the functions of which will be to co-operate with the United States department of agriculture in carrying on important experiments with plants that are exotic to American soils and climate, and new varieties of other plants. The grove of specimen Texas plants will ultimately include every shrub and tree grown in Texas. Already a number of plants have been selected for the purpose. The park will answer to the purposes of a natural plant museum in which persons desiring to study Texas native plants may come to Houston and have in a small area practically the entire collection.

The meeting of the club was presided over by President Robert C. Kerr. It was announced that Mr. Kerr, Mr. Brock, A. L. Perring, C. H. Blecker and Henk Dirken will represent the club at the annual meeting of the Society of American Florists and Ornamental Horticulturists at San Francisco in August. H. T.

ABERDEEN, S. D.—Miss Beth Youreman and Mrs. Kroneberger, who took possession of the Strohmeier Flower Shop, June, 1914, are doing a large local and shipping business.

Geraniums

S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

S. A Nutt and 5 varieties, 3-in. pots, April 15th, $4.00 per 100.

Cannas, Dry bulbs, 1 to 3 eyes of Allemania, Italia, Vaughan, Patry, at $1.25 per 100.

Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.

Coleus, 10 varieties, April 1, 2½-in. pots, $2.00 per 100.

Alternantheras, red and yellow, April 1, $2 00 per 100.

Pansy Plant, Giant flowering, transplanted plants, $1.50 per 100.

Petunias, from double seed, April 1st, $2.50 per 100.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia. 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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10 CENTS PER LINE, NET.

ALTERNANTHERAS.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternantheras, red and yellow, $2 per 100. Jos H. Cunningham, Delaware, Ohio.

AMPELOPSIS.

25,000 Amelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

ANTIRRHINUMS.

NELROSE, the new perpetual-flowering variety. Famous in America and Europe. Plants, $6 per 100; $50 per 1,000. Seed, $1 per trade packet. F. W. FLETCHER, Originator, Auburndale, Boston, Mass.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias $1 each and up. C. H. Frey, 1133 O St., Lincoln, Neb.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS — Good, strong, healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000; 4-in., $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

Asparagus Plumosus Seedlings, $5 per 1,000; transplanted at $7.50. Asparagus plumosus seed, new crop, $1 per oz.; ¼ lb., $3; lb., $10. Harry Bailey, R. F. D. No. 6, Los Angeles, Calif.

ASPARAGUS PLUMOSUS, 2½-inch, $3 per 100; $25 per 1,000. ASPARAGUS SPRENGERI, strong, 2½-inch, $3 per 100; $25 per 1,000. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, 3, 4 and 5-in., 7c, 15c and 35c each. Sprengeri, 2½-in., 3, 4 and 5-in., 4c, 6c 15c and 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

SPRENGERI, 4-inch, very strong, $7 per 100; PLUMOSUS, 3-inch, $4.50 per 100. Cash, please. EDGAR E. ASTERDAY, Nokomis, Ill.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, $25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS

REMEMBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: white, pink, lavender and purple. Price, 1,000 seeds, 50c, $5 per oz. Cash with order. ALBERT A. SAWYER, Forest Park, Ill.

AZALEAS.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 in., $1.50 each. The Storrs & Harrison Co., Painesville, O.

Azaleas, all colors, $1 to $1.50. C. H. Frey, 1133 O St., Lincoln, Neb.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies, August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Begonias, tuberous rooted, single, separate colors, $3 per 100; mixed, $2.25. Double, separate colors, $4.50 per 100; mixed, $4. Single frilled, separate colors, $7 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Begonia Luminosa, 4-in., 15c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Begonias, flowering, 3½-in., $8 per 100; $75 per 1,000. Alonzo J. Bryan, Washington, N. J.

BOXWOOD.

Boxwood: Bushes, 10-in., 25c each; $3 per doz.; 12-in., 30c each; $3.60 per doz.; 12-in., extra heavy, 10 in. wide, 40c each; $4.80 per doz.; 15-in., 50c each; $6 per doz.; 18-in., $1 each; 24-in., $1.25 each; Pyramids, 30-in., $2 each; 36-in., $3; 3½ ft., $3.50; 4 ft., $4; 5 ft., $6; 6 ft., $12. Standards, 2 ft., 12 to 15-in. crown, $2. Globe, 24-in., $6 each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in. $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, Caladium esculentum, 5-7-inch, $1.75 per 100; $15 per 1000; 7-9-inch, $3.50 per 100; $30 per 1000; 9-11-inch, $6 per 100; $55 per 1000; 12-inch and up, $14 per 100; $125 per 1000. Begonias, tuberous rooted, single separate colors, $2.50 per 100; $20 per 1000; mixed, $2 per 100; $18 per 1000; double separate colors, $3.50 per 100; $30 per 1000; mixed, $3 per 100; $28 per 1000. Tuberoses: True dwarf Pearl, 1st size, 4-6-inch, $10 per 1000; medium, 3-4-inch, $5; Cold storage lilies, giganteum, 7-9-inch, 300 to case, $16 per case; 8-10-inch, 225 to case, $16 per case; 9-10-inch, 200 to case, $20 per case. Vaughan's Seed Store, Chicago and New York.

Bulbs, begonias, tuberous rooted, single in five separate colors, 50c per doz.; $3 per 100; double in five separate colors, 60c per doz.; $4.50 per 100. Caladiums (Elephant's ear) 5-7-inch, $2 per 100; $18 per 1,000; 7-9-inch, $3 per 100; 9-11-inch, $6 per 100; 12-inch up, $12 per 100. Tuberoses, 1st size, $1 per 100; $9 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs, Purity freesia, A1. Currier Bulb Co., Seabright, Calif.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CANNAS.

Cannas, dry roots, 2 to 3 eyes, King Humbert, Queen Charlotte, $3 per 100; $25 per 1,000. Richard Wallace, Souv. de A. Crozy, Gladiator, Venus, Kate Gray, Jean Tissot, Pennsylvania, Egandale, David Harum, $2.50 per 100; $22 per 1,000. Mme. Berat, Pres. Meyers, $2 per 100; $20 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Canna roots, King Humbert, 2 to 4 eyes each, $2 per 100; $15 per 1000. Compte de Bouchard, David Harrum, Egandale, Florence Vaughan, Gladiator, Mephisto, Niagara, Souv. d. A. Crozy, Venus, Wyoming, Yellow Crozy, $2 per 100; $15 per 1000. J. T. Lovett, Little Silver, N. J.

CANNAS, Strong plump, 2 and 3-eye roots of Pennsylvania, Burbank, Crozy, Wyoming, Pres. Cleveland, David Harum, etc., $1.50 per 100. Cash. W. H. Culp & Co., Wichita, Kansas.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 2 to 3 eye roots: Florence Vaughan, Chas. Henderson, Mme. Crozy, Pennsylvania, $2.50 per 100. King Humbert, $3.50 per 100. A. Henderson & Co., 369 River St., Chicago.

Cannas, 1 to 3 eyes, Allemania, Italia, Vaughan, Patry, $1.25 per 100. Jos. H. Cunningham, Delaware, Ohio.

CANNAS, standard varieties divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Vaughan's Firebird, 3-inch, dozen, $6.50; 25 for $12.50. Vaughan's Seen Store, Chicago and New York.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

CARNATIONS.

STOP! LOOK! READ!

For immediate delivery.

FINE CARNATIONS FROM SOIL.

As we shall grow Roses more extensively this year we are cutting down on our Carnation growing. This being the case, we have a surplus of some very choice carnation stock to offer; stock offered is what we had intended to grow ourselves, for with the careful culture given them they have been worked up to large, healthy plants and as such we guarantee that you will find them REAL LIVE VALUES, so here is your chance to secure choice stock at prices no higher than others, but of a quality far superior.

		100.	1,000.
1,000	Champion Red	$6.00	$50.00
1,500	Joy "	4.00	30.00
8,000	Victory "	3.00	25.00
2,500	Matchless, White	6.00	50.00
4,000	Perfection "	3.00	25.00
1,500	Philadelphia Pink	5.00	40.00
1,000	Rosette, Dark "	3.00	25.00
6,000	Afterglow, Dk. "	4.00	30.00

J. A. BUDLONG,
82-84 E. Randolph, Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

400,000 ROOTED CARNATION CUTTINGS.

We have the following varieties in extra strong stock for IMMEDIATE DELIVERY:

	Per 100	Per 1000
Matchless (white)	$6.00	$50.00
White Wonder	3.00	25.00
White Enchantress	2.50	20.00
Shasta (white)	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Philadelphia (light pink)	6.00	50.00
Gloria (light pink)	3.00	25.00
Gloriosa (light pink)	2.50	20.00
Mrs. C. W. Ward (pink)	2.50	20.00
Northport (dark pink)	2.50	20.00
Peerless Pink (dark pink)	6.00	50.00
Enchantress	2.50	20.00
Champion (scarlet)	6.00	50.00
Beacon (scarlet)	3.00	25.00
Commodore	2.50	20.00
The Herald	2.50	20.00
Benora (variegated)	3.00	25.00
Conquest (variegated)	2.50	20.00

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.

162 N. Wabash Ave. Chicago.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.

56 East Randolph St. Chicago, Ill.

Carnations, White Enchantress, Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1000. Herald, $3 per 100; $27.50 per 1000. Josie Merle, Philadelphia, Washington, $3 per 100; $25 per 1000. 2½-inch pots: Josie Merle, $3.50 per 100; $30 per 1000. Philadelphia, $4 per 100; $35 per 1000. Peter Reinberg, 30 E. Randolph St., Chicago.

Carnations, R. C., Champion, $6 per 100; $50 per 1000. Philadelphia, $6 per 100; $50 per 1000. Scarlet Glow, $25 per 1000. Georgeous, $5 per 100; $40 per 1000. Beacon, $25 per 1000. 2½-inch: Winsor, $30 per 1000; Philadelphia, $35; Euchantress, $35; Champion, $65; Georgeous, $55; Scarlet Glow, $35; C. W. Ward, $35. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY.

MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1000. Herald, Philadelphia, $4 per 100; $35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Alice, $12 per 100; $100 per 1,000. Peter Fisher, Ellis, Mass.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

WHITE.

	Per 100	Per 1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00

YELLOW.

Golden Glow	2.00	15.00
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Yellow Eaton	2.00	15.00
Nagoya	2.50	20.00

PINK.

Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
Chieftain	3.50	30.00

CRIMSON.

Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

ROOTED CHRYTHEMUM CUTTINGS.
March Delivery.

WHITE: Smith's Advance, $2.50 per 100; Wm. Turner, $3 per 100; Chadwick Improved, $3 per 100; December Gem, $3 per 100; White Bonnaffon, $2.50 per 100; Alice Salomon, $4 per 100; White Perfection, $3 per 100. YELLOW: Golden Glow, $2 per 100; Yellow Eaton, $2.50 per 100; Ramapo, $3 per 100; Chrysolora, $2.50 per 100; Yellow Bonnaffon, $2.50 per 100; Golden Wedding, $3 per 100; PINK: Chieftain, best pink, $4 per 100; Pink Gem, $2.50 per 100.

POMPON CUTTINGS.

Fairy Queen, Baby, Diana and Newberry, $2.75 per 100. New 1914 varieties, Golden Harvest, Golden Climax, Golden West and Western Beauty, $6 per 100.

A. HENDERSON & CO.,

369 River Street, Chicago, Ill.

Chrysanthemum cuttings, Chadwick Improved, $3 per 100; $25 per 1,000. W. H. and Golden Chadwick, Chrysolora, Maj. Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall, Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons: Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. Morris Floral Co., Morris, Ill.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CINERARIAS.

Cinerarias, mixed, 3½-inch, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c and 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

Cyclamens, all colors, 4-in., 20c each; 5-in., 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1000; $2.50 per 100; 500 at 1000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

Cyclamen in bloom, 5-in., 35c; 6-in., 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

Cyclamen, assorted, 3-in., $8.50 per 100; $80 per 1,000. Alonzo J. Bryan, Washington, N. J.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1000. J. T. Lovett, Little Silver, N. J.

DAISIES.

Marguerites, white and yellow, 2½-inch, $2.75 per 100; $25 per 1,000. Mrs. Sanders, 2½-inch, $3 per 100; $28 per 1,000. Alonzo J. Bryan, Washington, N. J.

DEUTZIAS.

Deutzea gracilis, 50c to 75c each. C. H. Frey, 1133 O St., Lincoln, Neb.

DRACAENAS.

Dracæna indivisa, 5 and 6-inch, 20c and 25c each. Alonzo J. Bryan, Washington, N. J.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EASTER PLANTS.

BLOOMING PLANTS.
Ready now and for Easter.

Azaleas, in bud, 75c to $3.00 each.
Primula, 3-in., 5c and 6c; 4-in., 10c and 15c.
Spiræas, 35c and 50c.
Lilies, 8c, 10c and 12c per bud.
Hyacinths, all colors, single, 3 and more in pot, 5c and 10c; boxes with 10 to 12 hyacinths, $1.00 each.
Tulips, 3c and 4c.
Cash, please.

ERNEST ROBER, Wilmette, Ill.

Easter plants: 40,000 lilies, plants 5 or more blooms to pot, $100 per 1,000 buds or blooms; plants 3 or 4 blooms to pot, $110 per 1,000 buds or blooms. Azaleas: Mme. Van der Cruyssen, Empress of India, Schryveriana, Empereur du Bresil, Prof. Wolters, Niobe, $1 to $3 each. Specimens, $3.50 to $8 each. Blushing Bride, light pink, $1.25 to $2. Hydrangeas, French sorts also Otaksa, 50c to $1.50 each. Hyacinths, in pots, pans and boxes, 8c per bulb; single in 4-in. pots, 10c. Baby Rambler and H. P. roses, 50c to $1 each. Poehlmann Bros. Co., Morton Grove, Ill.

Easter plants: Baby Ramblers, $4 to $6 per doz.; Flower of Fairfield, $6 to $9 per doz.; Hydrangea Otaksa, 5-in., 3 to 4 heads, 50c each; 6-in., 6 heads, 75c each; 7-in., specimens, $1.25 each; 9-10-in., $3 to $4 each; French, pink, 3 to 5 heads, 75c. Spireas, Gladstone and Queen Alexandria, 50c each; $6 per doz. Lilac bushes, $1.50 each. Aucuba Japonica, 15-in., 60c each; 2-ft., $1 to $1.25 each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Easter plants: Lilies, rhododendrons, hydrangeas, roses, Spirea Gladstone and Queen Alexandra, genistas, marguerites, azaleas, lily of the valley, dracænas, palms, ficus, pandanus, berried aucubas, Gardenia Veitchii, ferns, all kinds; asparagus. For varieties and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia.

Easter plants: Lilies, azaleas, hydrangeas, spireas, cinerarias, begonias, primula, hyacinths, tulips, daffodils, ferns, araucarias, dracænas, palms, asparagus, ficus, etc. For varieties and prices see advertisement elsewhere in this issue. Godfrey Aschmann, 1012 W. Ontario St., Philadelphia.

Easter plants: Roses, hydrangeas, rhododendrons, deutzias, and other seasonable stock. Vaughan's Seed Store, Chicago and New York.

FERNS.

Ferns, Boston, 2¼-in., $4 per 100; $35 per 1000. Teddy Jr., fern, 2¼-in., $6 per 100; $60 per 1000. Scholzelii and Scottii, 2¼-in., $5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Boston ferns, 2-in..................$3.00 per 100
Boston ferns, 3-in.................. 6.00 per 100

Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100.

Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.

ERNEST ROBER, WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotuim Schiedel, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, Whitmani and Roosevelt, 5-in., 25c each; $3 per doz.; 6-in., 50c each; $6 per doz.; 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

BOSTON and HARRISII FERNS, strong, 2½-inch, $3.50 per 100; $30 per 1,000; 2-inch, $3 per 100; $25 per 1,000. BOSTON WHITMANI FERNS, 5, 6 and 7-inch, 25c, 40c and 60c. H. SCHAU & SON, 10831 Walnut St., Morgan Park, Chicago.

Boston ferns, 5-inch, 35c each; $4 per doz. Adiantum Croweanum, 3-in., $8 per 100; $70 per 1,000. A. N. Pierson, Inc., Cromwell, Conn.

Ferns, Boston, 4, 5 and 6-in., 15c, 30c and 40c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ferns. Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Rubbers, 5 and 6-in., 35c to 50c each. C. H. Frey, 1133 O St., Lincoln, Neb.

Ficus, 25c and 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

Fuchsias, 15 vars., 2¼-in., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

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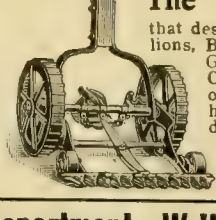

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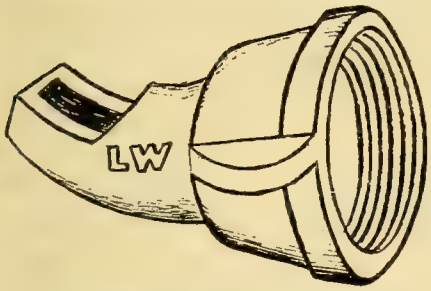

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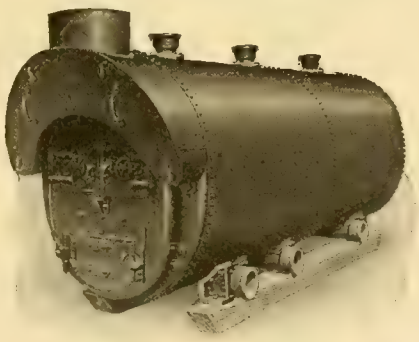

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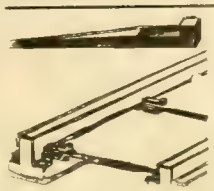

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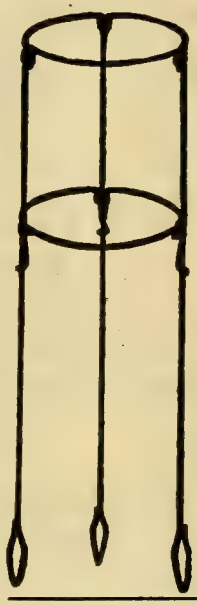

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SUGGESTIONS FOR PLANT GROWERS.

Peonies.

As soon as the frost is out of the ground the peony beds should be forked over and the manure mulch that was placed on them last fall should be forked or spaded in, but let this be done by a careful man, or at least not by help that knows nothing about this work. The young growths start very early and are very tender, so it is best not to fork too close to the crowns, but loosen up all the soil around the plants. It is also well to leave the stems covered as deep as they have been all winter, for a sharp frost may injure a stem that has been protected through the severe winter and then subjected to sharp cold. But the loosening of the soil to good depth will conserve the moisture and allow the air to get into the soil. If the plants were not mulched with manure in the fall it is well to spread some old manure, not fresh, on the beds before spading and fork it in.

Although the fall is the best time to transplant peonies, yet, if not done and it is desired or necessary to move them, they can be transplanted early in the spring, but this must be done before the growths are above the surface of the ground and as much soil left about the roots as possible. These plants make their young roots in the fall and if any attempt is made to shake the soil off, the roots will be broken doing this. Divisions must therefore be carefully made, so as not to disturb the roots more than possible. The dry roots that are purchased at this time are much better planted in pots or boxes until the roots are formed in the soil and later transplanted to the ground. It cannot be expected that plants of this kind will produce any flowers this year, for it will only be possible to get them established in their new location the first season.

Hardy Roses.

The rose bed should be pruned and then spaded as early as possible after the ground has opened and if the canes have been buried the covering should be removed and the canes cut back. To properly prune a bed of hybrid perpetual roses is a careful, painstaking piece of work. This work is too often done in a careless, haphazard manner, and by many every variety is cut back alike. To get the best results a study of the varieties is necessary, for instance, strong growing varieties like General Jacqueminot and Magna Charta can be cut back and the small wood cut out much more severely than Prince Camille de Rohan or Mme. Gabriel Luizet. When pruning it is first necessary to determine whether quantity or quality is the most to be desired. If quantity is wanted more wood can be left and six to eight eyes left on the canes. If quality is the main object this must be obtained at the expense of quantity, and the strong canes only retained and these cut to two or three eyes, depending on how the eyes are located. The top eye that is left should be pointed out from the main stem so that when the growths start they will not crowd toward the center. This will allow of plenty of room for development and a good circulation of air through the plant. After the bushes are pruned the soil should be spaded good and deep and leveled off.

Potting Young Stock.

At this season of the year the plant grower will have thousands of young seedlings to pot or place in flats and as many more to shift from a small pot to a larger size, and it does not seem that any instruction in potting should be necessary, but we chanced not long ago to see a boy potting and wondered if the plants would live and we then saw in the houses many of the plants which had been potted struggling for existence. It seems to be the general idea with the young gardener that the one that can pot the most plants in a given time is the smartest, regardless how well it is done and how the plants afterward grow. The young man whom we saw would fill the pot full and then make a hole in the soil with his finger, place the seedling in the hole and then press the top soil around the stem. The chances were that the roots of many

of these plants were still hanging in an enclosed hole in the center of the pot, for the soil should have been firmed around the roots. That he could handle a large number of plants in a given time was no question, but a much better plant can be grown if the soil is made firm around the roots first and then the top firmed down. The same thing happens in transplanting where the loose soil is thrown around between the plant and the pot and the top then firmed down. A little soil should be first thrown in the bottom of the pot and the plant placed in this, then a little soil around the plant which should be firmed down, then a little more soil which can be pressed down from the top. This will take longer, but the plant will live and grow enough better to pay for the extra pains.

SHIPPING LILIES AT POEHLMANN BROS., MORTON GROVE, ILL.

Bedding Stock.

The general florist will now have his hands full with bedding stock which should now be spread out and given the necessary room. The geraniums should be spaced and if any have grown too tall to make shapely plants the tops should be cut back, but at the present day the trade wants a geranium in bloom at bedding time and very little pinching should be done after the first of April, for it will take from then until the first of June to produce a new branch with a flower. Ageratums, alternantheras, alyssums, heliotropes and like blooming plants should be kept on the move and be given good, light positions. Salvia should be kept pinched back until the latter part of the month, which should produce fine, shapely plants. The coleus should be rooted and the top rubbed out as soon as established in the pots. Seedlings should be potted or flatted, the former preferred if a price can be obtained commensurate for the extra labor, but if flatted give them room enough to develop properly. Cannas will now require a warm, light location and plenty of root room. The one great factor in growing good bedding stock is, at this season, to keep the plants moving and never allow them to get a check, for if once severely checked a good plant is an impossibility.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

The Aftermath of a Holiday.

One of the most important features of the holiday business is the record made of the event immediately after it is over. Before the clean up the next day, an inventory should be taken to include all unsold stock, both in plants and accessories, such as baskets, pot covers, etc., that were bought especially for the business of the holiday trade. While the baskets and other goods of like character can be held until sold, they should, like the perishable plants, be charged against the business of the week, as excess stock, which makes the profits that much less. As soon as possible, while every detail of the busy time is still fresh in mind, a record should be made of all the essential features, a list of all stock that was ordered, from what firms, and the prices. Notes should be made of the quality, whose was the best at the price; also when the orders were given, and if in some cases too late for the first choice, this should be a point to be improved upon next year. There is seldom anything saved in delay, while there may be much advantage in being on the ground early, particularly for scarce stock. With this data to turn to when the time rolls around for the annual event, the matter of ordering the stock is very much facilitated and the quantities can be easily added to, or decreased, as the business requires.

The decoration of the store and the annex, if any, as well as the arrangement of the stock, should be described, if it was determined that next year there should be a change in arrangement because of difficulties here and there. Write it down and the reason why—you may forget it if you don't. Was your circular or advertising matter all right? File copies of it with your record, and note improvements as they occur to you now. How was the delivery, could the system be improved, were the tags and tag envelopes satisfactory; what additional autos or wagons were used, and when they came on? List the extra men and boys that were employed; note the good ones, jot down addresses and their salaries.

The extra clerks in the store are worthy of mention. Often good salespeople in other lines, whose business is not particularly active at this time, can be obtained for two or more days and are a great help. After one experience of this kind they look forward to it again, as it generally means a little extra money. Such people are of great assistance, relieving the regular force of much detail, giving them time for more important matters.

There are church decorations, and it is a great help if on the back of each order sheet a record of the number and kind of plants used is written down and the manner in which the job was done. The man in charge of this work may not be with you next year, but if the layout of the decoration is complete it will be easy for his successor to duplicate that of last season. Was the window all right? This is an important matter worthy of mention in detail, to be made different and if possible more effective next year. The cut flowers are an important item, as it

YOUNG ROSE STOCK AT PETER REINBERG'S GREENHOUSES, CHICAGO.
Emil and Felix Reichling in Middle Aisle.

takes careful buying to have enough and yet have little or nothing left over, the cost of which eats materially into the profits. The number of wreaths and other cemetery pieces are features of the trade that must not be overlooked. With a record of these designs, and the way they are made up, it is comparatively easy to advance this work very materially.

The above are the essential features, but there are other little matters that are worthy of going into the record, which will be found useful in arranging the next year's business. These holiday events are golden opportunities, and too much care and preparation cannot be given to make them successful in every way. K.

Attention to Details.

In the long run, it is the little things that count. We are told to look out for the pennies and the dollars will take care of themselves. If the little details of the business are carefully attended to, the success for which all the effort is made, is most likely to follow. Much care and constant vigilance in keeping everybody alert and on the job is necessary. Flowers are fragile and perishable, and the closest scrutiny is necessary to see that only those without blemish and mark of any kind on petal or foliage are sent out. The ends of stems should be freshly trimmed and every damaged piece of foliage removed. Too often this important matter is slighted, one or two bad specimens throwing doubt on the whole lot; it is not partial satisfaction, but the entire approval is what is aimed for. To hear when more flowers are ordered that, "the last boxes were not up to the mark, were not any too fresh and did not keep," is very annoying. The chances are that by an oversight or a little carelessness in packing one or two rather poor specimans slipped in with the others and contaminated the whole box. A little more care and the order would have been, "a nice box like the last one—they kept so well." Orders when taken should be very carefully written out, as frequently the salesman who might remember all the little details and preferences of the customer does not put up the flowers, which when delivered are found to be short of this or that flower, "The very thing I wanted the most." All orders for the next day should be carefully gone over the day before, to see that they are complete and provision made for the stock required.

The little matter of seeing whether a plant is dry before it is delivered, has saved many a dollar and much annoyance. In cold weather, a plant that is wilted the day after delivery from want of water, is declared to have been frozen on the way. Unreasonable of course, but if well watered before going out, the complaint could not have been made.

The matter of the lost card often causes a lot of trouble. If the article is a basket, bouquet, funeral spray or design, the card, enclosed in an envelope on which is written a brief description, should be securely attached. The delivery of many an order is doubted if the recipient does not at once acknowledge receipt, and as is sometimes the case, they cannot because the card was not sent, or had become detached. In a box of flowers the card should be placed next to and on top of the flowers; too often it finds a place between the folds of the wax paper or is placed on top of the packing and slips down the side of the box and is not to be found when the flowers are taken out.

The little table fernery is at times the source of much annoyance—"It is filled too full" or "without enough;" "has the kind that only live a day or is too coarse looking;" "the ferns were dead when it arrived;" "send for it and fill again without charge;" "it only lasted a week, you surely must make a reduction." A careful understanding when the order is given will make this path much smoother. A visit to the customer to explain to the butler how the fern dish should be cared for and the other house plants looked after is much appreciated. After a complaint of any kind has been made it should be looked into at the earliest opportunity and the matter straightened out to the satisfaction of the customer. Their trouble may be almost entirely of their own making and very unreasonable, but as a matter of business policy, their way is the best way out. If a flagrant case of neglect or ommission of an order occurs, or some other serious mistake has been made, it is best to at once make amends in a carefully written apology sent enclosed in a box of flowers. When this does not

ADVERTISEMENT OF DETROIT FLORISTS IN LOCAL PAPER MARCH 28.

Space Six Full Columns.

straighten matters out, the case is serious, and nothing but time will right the matter.

Personal attention is much appreciated by customers; they may have their favorite salesman, but they like to feel that their interests are also being looked out for by the manager. A flower for the little child in the store, is always a source of delight; for the lady customer, who personally calls and settles an account, a choice flower or nosegay to wear should be always at hand.

These are just a few of the many details that go with every day's business. It is almost impossible to keep everything running smoothly all the time, but close attention to the little matters prevents mishaps and congestions, and is a great help in building up the business.

K.

New Field for the Retail Florist.

For some time I have argued with automobile salesmen that the time has arrived when it is necessary to put something aside from just motor cars in their windows to make them attractive, because they are a curiosity no longer. The L. Bemb Floral Co., Detroit, Mich., recently worked up a window decoration at one prominent automobile salesroom, with the result that this started the "ball rolling," and now a great many of the salesrooms in this line see the advantage of a pretty floral decoration forming an attractive setting for the autos. For one concern, the Studebaker Corporation, the Bemb artists arrange a different setting every week, and have orders ahead for work at several other salesrooms.

Many times I have made the remark that the sales department of the florist trade is not keeping pace with the producing department, and in calling attention of some other retailers to the fact in every new field we open, it means an increase of business, not only to themselves but to a great many others. This field is not as yet developed, but I can see a great future for good business in it for the florist trade.

The accompanying illustration shows one of the decorated window displays mentioned above.

"F. T. D." POCHELON.

Scranton Florists' Club Exhibition.

The Scranton flower show, held by the Scranton Florists' Club, in Town hall, Scranton, Pa., last week, the fourth show that the club has given, has been pronounced the best all-around display that has been presented to the local public. There were many features that were worthy of special note, one especially being the fact that out-of-town growers have taken considerable interest in the show and sent exhibits, and many attended.

The Lake View Rose Gardens, Jamestown, N. Y., sent a very fine collection of flowering plants, consisting of Easter lilies, azaleas and hydrangeas. These received very much attention and admiration.

S. S. Pennock-Meehan Co., Philadelphia, Pa., sent a most effective collection of cut flowers, consisting of several new varieties of carnations, viz.: the red carnation Aviator, which is destined to be a winner, and will be disseminated in 1916; also a new salmon-pink carnation, Alice Coombs, which is a very pleasing shade, fine stem, and flowers of excellent form. Another, Grace, the shade of the Enchantress, pink, but of a different form and of a very pleasing perfume. There was also a fine vase of pink, the Carnation Morning Glory, and two or three other vases of the standard sorts were noticeable and effective. The Shawyer, Killarney and Brilliant roses were of excellent form, with fine long stems. American Beauties, with 48-inch stems, were in the center of Pennock-Meehan's table. The Double White Killarneys were magnificent. Mrs. Charles Russell, one of the most lasting roses, was finer at the close than at the beginning. Sunburst was most excellent in form and color. There were sweet peas of several tints, and several varieties of narcissi. S. S. Pennock-Meehan Co. was very generous in the quantity exhibited, and the quality was of the highest standard, and the display attracted a great deal of attention.

The Leo Niessen Co., Philadelphia, Pa., sent a fine bunch of lilacs of two shades, double centaurea or bachelor's button, Irish Fireflame roses, Irish Blaze lilies, and a most excellent bunch of snapdragon.

E. J. LeDuc, Danville, Pa., sent a very fine collection of carnations.

J. L. Dillon, Bloomsburg, Pa., sent probably the finest collection of the Rose Radiant ever shown in Scranton.

The Florex Gardens, North Wales, Pa., sent a vase of giant pink snapdragon, beautiful and glorious in its color, size and dignity, a vase of Radiant and a vase of White Killarney. They showed a very attractive and new pink carnation, Pearl, a seedling, which will be watched with a great deal of interest by the florists. If it maintains the attractiveness of the sample shown it will become a general favorite. Another new one, the cerise Ruth, is also worthy of much note.

A. N. Pierson, Inc., Cromwell, Conn., sent a fine box of roses, White Killarney, Richmond, Pink Killarney, Sunburst and Killarney Brilliant, which filled several vases. The stock showed that A. N. Pierson's reputation as a rose grower is not only well established, but that he proposes to maintain it. It attracted a lot of attention at the show.

Anton Schultheis, College Point, N. Y., exhibited a new lilac, Louise Path, a fine robust grower and a beautiful shade of purple. He also had a new azalea, of a salmon pink, and a very delicate pink azalea, both of which were features of the show.

Anton Schultheis, of Scranton, Pa., is like his uncle at College Point, and takes much interest in growing plants, as was proved by his exhibit. He and his sisters displayed a great deal of taste in the arrangement of their nu-

AUTOMOBILE SHOW WINDOW DECORATED BY L. BEMB FLORAL CO., DETROIT, MICH.

GENERAL VIEW OF SCRANTON FLORISTS' CLUB SHOW.

merous palms, flowering plants, baskets of flowers, bouquets and table decorations. Mr. Schultheis' lilies, tulips, hyacinths, azaleas, etc., were finely grown, and it was a very beautiful exhibit.

T. B. McClintock, Scranton, arranged a summer garden effect, erecting an elaborate summer porch, covered with vines and lined with porch boxes most gorgeously filled with varieties of plants. Summer vases filled with plants stood in front of this porch, and the base of the porch was effectively arranged with hyacinths and tulips, the whole scene being one of sturdiness and harmony, which occasioned much favorable comment.

Miss A. L. Besancon & Co., arranged a Japanese pergola, trimming same with wistaria. In this pergola, arranged on tables, were baskets very daintily and artistically filled with varieties of flowers. Leading through the pergola toward the back, was a glass case lined with plush, filled with corsage bouquets, and from the pergola running along the side of the wall, a white lattice work, with a pair of white reed gates with large reed urns at the top filled with handsome ferns; and inside of this enclosure two tables were arranged with beautiful table settings.

C. W. Baldwin arranged some very fine specimens of lavender and red rhododendrons, mammoth azaleas, and pans of beautiful and new varieties of tulips, hydrangeas, baby ramblers, and a vase of snapdragons, probably six feet high; also bride bouquets.

William McDonald, Moosic, Pa., florist, exhibited hydrangeas, red and pink baby ramblers, some fine specimens of azaleas, and a number of most magnificent growing ferns, Boston, Roosevelt, Improved Whitmani and the Scrantoniensis. The two latter-named are not unlike one another in general appearance and growth. The Scrantoniensis came out two years before the Improved Whitmani. There probably was nothing in the show that attracted more attention than did the beautiful specimens of these two particular varieties of ferns. In addition he had a cut flower setting with a number of vases of handsomely grown popular varieties of carnations.

George R. Clark, a florist who has been in business in Scranton for many years, exhibited some fine specimens of lilies, azaleas, lilac, and baskets of roses, carnations, tulips, etc., arranged for show occasions. In addition to this, he had planned an exhibit of the Florists' Telegraphic Delivery service, having telegraph poles, with wires and ticking machines. The shipping tags of several hundred florists, the map, telegraph wire, etc., made quite a unique appearance; also illustrating to the general public the utility of telegraph and telephone in having flowers delivered at distant points.

John Biegel, Capouse avenue florist, showed a fine variety of Easter and spring flowering plants and palms. While perhaps one of the youngest men to start in the business in Scranton, he has made a great record in his output of stock from the square feet of glass that he has, being limited for ground space. Nevertheless, his output is something quite pleasing, and his quality of stock is always considered among the best.

B. E. and J. T. Cokely, of the Scranton Florists' Supply Company, exhibited varieties of seeds and florists' needs in the way of spraying machines, spraying outfits, etc., and a fine line of florists' baskets. This feature added a little variety and was perfectly in keeping with the show.

B. E. Cokely was floor manager of the show and kept everything in harmony, and with T. B. McClintock, William MacDonald, C. W. Baldwin, Anton Schultheis and Miss Besancon, was very much interested in pushing this show to the point of being one of the best on record, and the success of which portends the continuation of the show another year with increased interest, the public having become more aroused this year than ever before over the painstaking work the florists of the city and vicinity have taken in this affair, which gives to the public a treat of spring-time delight which cannot be derived in any other way.

G. R. C.

Watering Economically.

Nothing is more important than a plentiful supply of good water at all times for the grower of plants, either of vegetables or flowers, whether indoors or out, and the point we wish to call attention to with the most emphasis, is the distribution of it from the supply. We all concede the fact that for use with the florist we need pressure sufficient to insure considerable force from the end of the hose, and many of the establishments, especially among the smaller growers, make the mistake of using too small a pipe, which generally happens to be a ¾-inch pipe. That is the first mistake—better to use one inch or larger, according to the distance it is carried and the number of hose bibs that will be in use at the same time. Generally the smaller establishments have but one in use at a time, and for such the one inch pipe will be large enough. The longer distance the water is carried and the smaller the pipe will govern to some considerable extent the delivery pressure at end of hose. Remember this point—the one inch pipe, good common black pipe, will cost five cents up to eight cents per foot, and when well put in will be good for 15 to 25 or more years, while a good piece of hose will cost 10 to 20 cents per

foot, and generally two or three seasons will see its finish.

Now in the first place, put in the pipe, and put in the hose bibs properly distanced to use a 25 foot piece of hose. In a house 20 feet wide by 120 feet long, put in six hose bibs, three in each outside aisle, properly distanced for a 25 foot piece of hose to overlap and get every inch watered. Just remember the pipe and hose bibs will cost only half as much in the start, and are in permanently and a 25 foot piece of ½-inch hose, fitted with ¾-inch couplings, is very light, easy to handle and will last several years. Any man can use with perfect control such an outfit, and it will not take as much time to do a complete job in watering a house, as the person that tries to use a 50 or 100 foot piece of heavy ¾-inch hose. Any one who tries to do that will be certain of trouble with management of the hose and very likely to overwater in places and the injury from a strong force, sometimes directed upon the wrong place, will break and injure growth. With a long piece of hose one cannot avoid getting kinks and tangles, and a break will come very quickly and most generally at a time when one is very busy or urgently needed at some other detail or work. Where one uses water through a meter a few breaks in the hose and emptying the water from 50 or 100 feet of ¾-inch hose is a sloppy waste, and makes useless expense and trouble.

The next time you need 50 or 100 feet of good hose—don't buy it, but instead buy several hose bibs and the few fittings and some second hand pipe, if you can't afford the new. Cut them into your service in proper handy locations. Then cut a piece or two 25 feet long from your old hose and save time, trouble and useless expense. Now we find that it is best to fix your water service supply for outside use the same way; that is, place the pipe service large enough for good supply to your most distant point, then see to it that it is properly located and arranged with hose bibs 50 feet apart each way, so that a 25-foot piece of hose will be the proper thing to reach every inch, and if automatic sprinklers are used, several 15 or 20 foot pieces, equipped, can be used at the same time, and if meters are used, a good quick job will be done with less water and expense.

S. L. H.

Bolgiano & Son's Latest Advertising Scheme

A clever advertising stunt seen recently in Baltimore, Md., was used by J. Bolgiano & Son, seedsmen of that city. It was a tall, lean, lanky country chap, "Rube" Brown, making his way in and out of the crowds in the downtown district, closely followed by a big rooster, who does a number of clever tricks, and the idea catches the crowd everywhere. "Rube" carries a big gripsack, upon which is Bolgiano's advertisement as shown in the accompanying illustration.

JACKSON, TENN.—B. F. Kramer has resigned as manager of the Metcalfe Greenhouses, and will go in business for himself on Main street. George Roberts succeeds Mr. Kramer at Metcalfe's.

CHATTANOOGA, TENN.—The Chattanooga Floral Co. says trade conditions here are looking upward again, although things are still to be improved upon. The florists are preparing for a large Easter trade and stock is very good, considering the weather they have had the past winter and spring.

American Rose Society.

PRESIDENT PIERSON'S ADDRESS.

The address of President Wallace R. Pierson, of the American Rose Society, delivered at the annual meeting of that organization at Boston, Mass., March 19, was received too late, due to delay in transmission, to be recorded in the report of the proceedings published in these columns last week. Mr. Pierson's formal address was as follows:

On this occasion, which is the annual meeting of our American Rose Society, I make this formal address with mingled feelings of satisfaction and regret. It is gratifying to me to think that in the two years during which I have served as your president, much has been accomplished to carry out the principles which the American Rose Society established as its aim when framing its constitution. It is to be regretted that the work has not been carried nearer to completion, but the foundation has been laid and the advancement of the society is certain.

As a society, our aim has been to foster the love of roses, whether as a cut flower or as a blooming plant; to stimulate that love of roses for the specimen, trained and brought to perfection by artificial heat, and to kindle in the heart of its admirers a love for the rose in the garden, whether it be the hybrid tea with its continuity of bloom, or the climbing roses which make beautiful the gardens of our country for a few short weeks. To reach the people we must go outside the ranks of professional rosarians, and this is what we have attempted to do. We, who have labored hard to achieve the desired end, are gratified to state that the Syracuse Rose Society, the Newport Garden Club and the Newport Garden Association are now affiliated with us and we are hoping that similar societies may be added to this list to aid us in the work. Our bulletin goes to each member of these organizations, and that bulletin, improved greatly this year, can and must be made of greater assistance to the amateur. Our medals go to these societies to be awarded at their exhibitions. This must be an inspiration to the individuals who compete for them, and the giving of these medals is one of the finest tributes that the American Rose Society can pay to the skill and success of a rose lover.

The shows of these amateurs are of roses grown out of doors and they are successful. Do they not show us the way to fulfill the obligations of our constitution? For, gentlemen, we plainly state in our constitution that a show shall be given at a date later than March to recognize the garden rose. Such an exhibition can be held and be a credit to our society, and I should suggest that, in the event of such a show being held, premiums for professionals in the form of cash be dispensed with, and that all awards be of medals and ribbons. Those who use our American Rose Society exhibition for advertising, showing flowers grown in the open ground, are not sacrificing great commercial values such as are represented by the March shows, and the advertising is ample to repay the effort. For the amateur, cash premiums would seem advisable.

In the way of advancing interest in garden roses, the work of the American Rose Society, in conjunction with the United States department of agriculture and Cornell University, in forming the two large trial gardens, is highly commendable. You have read the reports of these gardens in the annual bulletin. They are the beginning, and in leaving the position with which you have honored me, I commend to my successor the importance of the rose trial gardens. That these gardens may become the beacons of light along the path of the amateur, and a consistent and dependable guide to those of us who deal in garden roses, is my most earnest desire. Let them determine for us and for the people, the intrinsic values of the different varieties. Let them give us the relative values of plants on their own roots, budded or grafted on

"RUBE" BROWN AND HIS TRAINED ROOSTER.

Bolgiano & Son's, Baltimore, Md., Latest Advertising Scheme.

Manetti, briar or other stock. Let them tell us how they stand the cold, northern winters and they will have served us well, but they will also serve us by being an inspiration to the thousands who will visit these gardens annually. Let us give our assistance in every possible way and leave no stone unturned to make these gardens a grand success and a credit to the American Rose Society, to the United States of America and to the state of New York, whose co-operation has made them possible.

The work of the central rose garden committee should be in a measure concentrated on the introduction into these gardens of the novelties of Europe as well as of America. I would suggest that any firm buying foreign roses, impress upon these firms the importance of sending their novelties, giving the American public and rose men the chance to buy upon proven merit, instead of printed descriptions. I wish to call to your attention that the action of our society upon the classification and grading of cut roses would be a worthy procedure. Our society settled upon uniform grades at the 1910 meeting, but, because these grades were not designated by names, they have not been recognized by the commercial growers. We are offered by the national flower show committee an invitation to meet in Philadelphia in 1916. In my opinion, it will be wise to accept this invitation. Rochester, N. Y., is starting plans to have us with them in 1917. We are wanted because we bring with us a show that is a credit to the society that invites us, and a credit to ourselves.

This is the end of my term of office. I appreciate the honor with which you have favored me and am grateful for the loyalty shown by the executive committee. I trust my interest and loyalty can be depended upon, and I shall be always ready and willing to help the American Rose Society carry forward the slogan: "A rose for every home, a bush for every garden."

Treasurer May's Report.

The report of Treasurer Harry O. May for 1914-15 shows receipts amounting to $1,875.89; disbursements, $667.60, and cash in bank, $1,208.29. The investment account consists of $3,000 in mortgage certificates, $150 permanent fund and the Hubbard Medal fund of $250.

CLINTON, ILL.—J. U. Johnson, manager of the Peterson greenhouse and flower shop, and Miss Elizabeth Nelson, of Gibson City, Ill., were married March 18.

OAKLAND, CALIF.—E. Flossman says business here has been very satisfactory, probably due to the fact that the exposition brings thousands of visitors every day.

TROY, N. Y.—Sawbrook Bros., florists, have opened a new store at Fifth avenue and Fulton street, moving from their old stand where they had been located for the past 25 years.

QUEENS, N. Y.—Plans for the establishment of an arboretum in Kissena Lake park are being prepared by John Weier, commissioner of parks. Work will be begun this spring.

UTICA, N. Y.—Milton Williams and Louis Wieder have purchased the range of Frank McGowan, 808 Sunset avenue. Mr. McGowan has accepted the management of the E. F. Quinn greenhouses at Norwich, N. Y.

Root-Knot a Destructive Disease.

Nearly 500 kinds of plants are already known to be susceptible to root-knot, and it is probable that future observations will greatly increase this number. Known under the names of root-knot, root-gall, big-root, etc., this disease does immense damage out-of-doors in all except the most northern states, and everywhere causes damage in greenhouses. It is due to a minute parasite of the nematode family, sometimes known as an eelworm, which causes the roots of susceptible plants to become so enlarged that the transfer of water to the stem and leaves is seriously interfered with. On the other hand, the entrance of harmful fungi or bacteria is made easier.

The seriousness of root-knot is pointed out in a new publication of the United States department of agriculture—Farmers' Bulletin 648, "The Control of Root-Knot"—which discusses the most feasible methods of eradicating the disease. Under ordinary circumstances, says the bulletin, the most satisfactory method is to rotate in the infested fields for a period of two or three years crops that are immune to the parasite, carefully killing at the same time all weeds and susceptible plants. Of the highly resistant crops the most important are mentioned in the bulletin. With such a rotation carefully carried out, it is possible to control the nematodes. There are, however, so many ways in which these can be reintroduced that in sections where they are known to be prevalent, it is desirable to repeat the rotation every four or five years.

The presence of root-knot is not always readily apparent. Badly infested plants are dwarfed, wilt readily in hot, dry weather, and are usually a paler green than healthy ones. With less severe attacks, however, these symptoms are not always noticeable, and the reduced yield is not infrequently believed by growers to be a normal one. Where there is any reason to suspect the existence of root-knot, however, the roots should be examined, and in the case of some tuberous plants like the potato, the tubers should be opened and the inside examined to detect the layer of discolored tissue usually found just beneath the skin of diseased plants. Tubers, nursery stock, and bulbs are common agents for transporting the nematodes from one place to another. In addition, however, this is frequently done by running water, and by soil which clings to farm implements, the feet of men, and the hoofs of animals. In heavily infested districts, therefore, the farmer must be on the lookout to close all these avenues of infection. Seed potatoes should always be selected from fields where a critical inspection shows no evidence of the disease and no parts of diseased roots should be permitted to be mixed in the manure that is to be placed on uninfested land.

Greenhouse conditions are almost ideal for the development of nematodes. The most efficient method of exterminating them is to steam the soil by passing steam into perforated pipes laid at a depth of one foot below the surface of the soil. Where this is impossible the infested soil must be removed, the benches whitewashed with boiling-hot whitewash and then refilled with fresh, clean soil. Land that is flooded for a period of from two to six months each year is practically certain to be free from the pest.

Orchards also suffer frequently from root-knot. Unfortunately, however, the eradication of the disease here is more difficult since the extermination of the nematodes by a rotation of immune plants is obviously impossible. Where only two or three trees are found to be infested, they should be removed and destroyed, and the surrounding soil treated with a solution of formaldehyde at the rate of about two to three gallons per square yard. Occasionally a lavish use of fertilizers and thorough cultivation of the field will aid the plants to outgrow the trouble. The only really safe way, however, is to make certain that the land is not infested before the trees are planted and then to be equally certain to use only uninfested nursery stock. It is far better in the end to take the time to free the land from the pest than to have the trees remain several years without any appreciable growth, as is too often the case where nematodes are abundant. It is also most unwise to plant a very susceptible crop, such as melons, cucumbers, or tomatoes in a field that is to be turned into an orchard later.

Connecticut Horticultural Society.

The second March meeting of this society was held in the County building, Hartford, on the evening of March 26. President Mason was in the chair. This meeting had been advertised as "ladies' night," and many of our members took the opportunity to bring their wives. The exhibit of roses by President Mason was very attractive. The four varieties of amaryllis, exhibited by Louis Chauvy, were fine specimens, and Alfred Cebelius' Cineraria stellata created quite a sensation on account of their size and beauty. President Mason named W. W. Hunt, George B. Baker, and G. H. Hollister judges, and they awarded the roses a cultural certificate, and to each of the other exhibits a first-class certificate.

The feature of the evening was a demonstration of the science of pruning by Messrs. Mason and Hollister. The former took a young peach tree and trimmed it back to about three feet. He advised trimming off the lower branches at the end of the first year, and cutting back the upper branches, leaving them about six inches long, and that should give a tree about five feet high. Mr. Hollister pruned a number of apple trees and ornamental shrubs. The demonstration was very instructive. At the close of the meeting President Mason gave each lady a bouquet of roses. The meeting was well attended.

ALFRED DIXON, Sec'y.

Manchester, N. H.

Bixby, the Florist, has a great display of lilies and azaleas in the best condition. The yellow marguerites and Buxton silver pink snapdragons are some of the specialties of this firm.

Indications are for the best Easter ever. The hardware and department stores have put in lilies and Easter plants. The popular price seems to be 20 cents per bud and bloom.

Herman C. Stache has a good supply of lilies and pot plants. A good business is looked for. Herman is out with a new delivery auto this spring.

The Bay Brook Garden Co. has been busy with funeral work the past week. They have several houses full of Easter plants.

Ingram & Co. are reported as very much pleased with business this spring.

Kirby Bros. are making extensive preparations for their Easter trade.

B.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE date of Easter next year is April 23, nearly three weeks later than in 1915.

IN Detroit, Minneapolis and other cities, the retail florists have found it advantageous to combine in their local advertising for special occasions. A reproduction of the fine local advertisement of the Detroit trade will be found elsewhere in this issue.

MEXICO CITY, MEX., March 2.—The following is taken from a recent letter of the American Fruit & Produce Co.: "Condition of affairs extremely bad here. Nearly every one has lost heart. One day it is the 'Carranzistas' that over-run the country, robbing and plundering. Then the 'Villistas' or 'Zepatistas.' No one knows where it will end."

Personal.

Uncle Nick Hallock, Milton-on-Hudson, N. Y., brother of the late V. H. Hallock and uncle of the late E. V. Hallock, passed through Chicago, March 25, enroute to California. Mr. Hallock will be 88 years of age May 11, next.

WHEN growers or dealers have anything to offer the trade it is a good thing to tell the trade about it through our advertising columns, or, as C. H. Frey, of Lincoln, Neb., says, "If you want business, go after it."

Illinois at Panama-Pacific Exposition.

Chairman Karpen, of the Illinois Commission to the Panama-Pacific International Exposition, writes as follows, March 23:

"It is the earnest desire of the Illinois Commission that Illinois exhibitors at the Panama-Pacific International Exposition make themselves at home at all times in the Illinois state building. May we hope that you will regard this splendid pavilion as a real clubhouse in which you and your friends will find many comforts and a meeting place which radiates an atmosphere distinctive of our own home state?

"Please understand that you are cordially welcome, as are your representatives, to all official functions in the building which shall mark Illinois' representation throughout the exposition year. We shall be most happy, too, to receive from you the names of your representatives here, also we shall esteem it a great favor if you will advise us when officials or members of your organization visit San Francisco, together with their local addresses, so that we may be enabled to extend to them such special courtesies as may be possible."

Armory in Chicago Park Protested.

The suggestion, as announced in a recent issue of THE AMERICAN FLORIST, that the erection of an armory in Lincoln Park, Chicago, was under consideration, brought forth a storm of well-merited protest. In the subjoined communication addressed to Governor Dunne of Illinois a number of most excellent reasons why the parks should be preserved for rest and recreation of the people are advanced:

March 22, 1915.

His Excellency, Gov. Edward F. Dunne,
Springfield, Illinois.

Dear Sir:

The writer wishes to most emphatically protest against the project of establishing an armory in Lincoln park for the following reasons:

1. It will establish a precedent for all kinds of raids upon the public playgrounds in the future.

2. Of all buildings not properly belonging in a park, there is no one type of building which would be so unsightly and objectionable as the ordinary type of armory. The structures are so large that it is impossible to conceal or minimize their ugliness by the planting of trees and shrubs, as may sometimes be done in the case of smaller buildings.

3. Lincoln park was purchased to be developed as a place of rest and recreation for the people. It has been so developed and maintained through a long period of years and there certainly exists no moral right by which any part of this park should be withdrawn from the uses for which it was purchased, developed and maintained, and devoted to other uses entirely foreign to the ones named and detrimental to them.

4. It is the settled and recorded opinion of the large majority of the competent park men and of the real landscape architects that any building or architectural structure in the ordinary park is an evil, and that no building of any kind not definitely required for the proper administration of the park, or for the undoubted convenience, comfort or pleasure of the public visiting the park, should ever be erected, and that where buildings are necessary in the park, they should in general be kept as small, especially as regards height, and as inconspicuous as possible. The theory of the use, especially of the large parks in a city, is that the city is strictly architectural and formal in all its lines; that invariably finer and better specimens of architecture are scattered through the city than can possibly be erected in any park and that the visit to the park acquires its greatest value to the resident of the crowded city by his getting completely away from the architectural formality of the city and into something approximating as near as circumstances will permit to the free, open country.

Trees, shrubs, plants, vines and green turf, together with water scenery, make a park, not formal architecture and above all—not armories.

Respectfully yours,
W. N. RUDD.

Club Meetings Next Week.

Montreal, Que., April 5, 7:45 p. m.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street. W. H. Horobin, secretary, 283 Marquette street, Montreal.

Detroit, Mich., April 5, 8 p. m.—Detroit Florists' Club, Bemb Floral hall, 153 Bates street. R. H. Wells, secretary, 837 Canfield avenue, Detroit.

Buffalo, N. Y., April 6, 8 p. m.—Buffalo Florists' Club, Kasting's hall, 385 Ellicott street. Wm. Legg, secretary, 889 West Delaware avenue, Buffalo.

Indianapolis, Ind., April 6, 8 p. m.—State Florists' Association of Indiana. Oliver Steinkamp, secretary, Rockwood avenue and Thirty-eighth street, Indianapolis.

Lake Geneva, Wis., April 6, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Wm. H. Griffiths, secretary, Lake Geneva.

Los Angeles, Calif., April 6, 8 p. m.—Los Angeles County Horticultural Society, 237 Franklin street. Henry W. Kruckeberg, secretary, Los Angeles.

Milwaukee, Wis., April 6, 8 p. m.—The Milwaukee Florists' Club, Kurtz Bros., Third and State streets. Eugene Oestreicher, secretary, North avenue and Fifty-fifth streets, Milwaukee.

Minneapolis, Minn., April 6, 8 p. m.—Minneapolis Florists' Club, Rice Bros., 218 North Fifth street. Wm. J. Vasatka, secretary, 3340 Chicago avenue, Minneapolis.

Philadelphia, Pa., April 6, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., April 6, 8 p. m.—Pittsburgh Florists' and Gardeners Club, Fort Pitt hotel, 10th street and Penn avenue. H. P. Joslin, secretary, 7202 Perrysville avenue, Ben Avon, Pa.

Washington, D. C., April 6, 8 p. m.—The Florists' Club of Washington, D. C., 1214 F street, N. W. C. L. Linz, secretary, 635 Tenth street, N. E., Washington.

Louisville, Ky., April 7, 8 p. m.—The Kentucky Society of Florists, Masonic Temple. August Baumer, secretary, Masonic Temple, P. O. Box 295, Louisville.

Chicago, April 8, 8 p. m.—Chicago Florists' Club, Hotel Bismarck, 175 West Randolph street. Guy W. French, secretary, Morton Grove, Ill.

Davenport, Ia., April 8, 8 p. m.—Tri-City Florists' Club. Wm. Goos, secretary, Bettendorf, Davenport.

New London, Conn., April 8, 8 p. m.—The New London Horticultural Society, at 38 Main street. J. M. Humphrey, secretary, New London.

Omaha, Neb., April 8, 8 p. m.—Omaha and Council Bluffs Florists' Club, Court house. Howard R. Morgan, secretary, 1903 Farnam street, Omaha.

St. Louis, Mo., April 8, 8 p. m.—St. Louis Florists' Club, Odd Fellows' hall No. 2. J. J. Beneke, secretary, 1216 Olive street, St. Louis.

Hartford, Conn., April 9, 8 p. m.—The Connecticut Horticultural Society, County building, Hartford. Alfred Dixon, secretary, 25 Wilcox street, Wethersfield, Conn.

Dobbs Ferry, N. Y., April 10, 8 p. m.—Dobbs Ferry Hoticultual Society, Odd Fellows' hall. B. Harms, secretary, Dobbs Ferry.

New York, April 10, 4:30 p. m.—Horticultural Society of New York, Botanical Garden. Geo. V. Nash, secretary, N. Y. Botanical Garden, Bronx park, New York.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Head gardener wishes position in private place or institution; married, age 40, one child. German; best references. Address M. STADLER, 1119 Sherman Ave., Madison, Wis.

Situation Wanted—As foreman; perfectly good grower of American Beauties, tea roses and carnations. 32 years of age, single and sober. State wages in first letter. Address B. P., 2014 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener on private estate; age 32, single; 16 years first-class experience on private establishments, under glass and outdoor. Address T. F. H., 2103 Blue Island Ave, Chicago, Ill.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials. FLORIST, 59 W. Ontario st. Chicago Ill.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY, N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By an experienced gardener on private place. Fruit, flowers and vegetables, hot and cold graperies, hot house fruit, lawns, shrubs and all work required on private place. Best of reference. Address Key 497 care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Situation Wanted—By reliable German florist and landscape gardener. Up-to-date. Life experience in all branches of the trade, age 35, married, can handle help, take charge and produce results. Will go anywhere for permanent position. Give me a trial. Middle west, southern experience. OSCAR WERNER, 605 Main St., Petaluma, Calif.

Help Wanted—A good grower of all kinds of pot plants. Wages $15.00 per week Chicago man preferred. F. J. MUNZING, 6101 Broadway, Chicago, Ill.

Help Wanted—Leading Chicago florist wants boy over 16 years of age to learn retail trade. State full particulars and wages wanted. Key 500, care American Florist.

Help Wanted—Two gardeners experienced in landscape planting; also nursery foreman; steady work all the year. SWAIN NELSON & SONS CO., 940 Marquette Bldg., Chicago.

Helper Wanted—In retail greenhouse growing pot plants. Call personally. F. R. WEISSGERBER, 3451 North Hamilton Ave., Chicago. Take Riverview or Roscoe-Western car.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92, Glen Burnie, Md.

For Sale—Complete delivery outfit, including a dandy horse, wagon, harness, etc., for $175. For further particulars address Key 501, care American Florist.

For Sale—At once, on account of ill health, an indoor greenhouse stock lately left me by a will. Communicate with LAURA MORGAN, 1009 W. Kimber St., Danville, Ill.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms. A. J. WOODCOCK, Wilmette, Ill.

For Rent—Desirable location for retail florist. Lease expiring soon. Apply T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address Key 496, care American Florist.

LAND BARGAIN.

Fine lot, 82½ x 250 feet, splendidly located on Rock Island Railroad, near Walden station in Chicago Ideal location for florist; excellent soil, plenty of city water and additional land adjoining if desired. Train every half hour and every other convenience that a greenhouse man may need. Can be bought dirt cheap at terms suitable to the purchaser. For further particulars address

F. W. PORTER,
Room 330, 175 West Jackson Blvd., Chicago.

Store Bargain.

Splendid opening for florist with small capital. Retail flower store, well established business. Owner must leave city on account of poor health. Investigate quick. Address

Key 498, care American Florist.

FOR SALE.

Extraordinary Opportunity.

My new greenhouse, 20 x 120, filled with late varieties of roses; two acres of best soil and A1 location. Here is a chance for a rose grower of small means. Write for particulars. Some sickness in family. Address

S. L. HARPER, R. D. 3, Tacoma, Wash.

FOR SALE CHEAP

Greenhouse Plant.

Three greenhouses and heating plant—15,000 feet of glass—12 lots and five-room dwelling house and barn, both in good repair; well and city water Each house now in crop, with $3,000.00 worth now ready or nearly ready for market, and business to be turned over as a going concern. Auto truck and complete set of tools and instruments. On street car line and railroad in St. Paul, Minnesota. Must be sold at great sacrifice on account of death. Clear title to realty and personalty. Price, $7,500.00 cash. Address

Key 499, care American Florist.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC.,

of THE AMERICAN FLORIST, published weekly at Chicago, Ill. for April 1, 1915 required by the Act of August 24, 1912.

NOTE—This statement is to be made in duplicate both copies to be delivered by the publisher to the postmaster, who will send one copy to the Third Assistant Postmaster General, (Division of Classification) Washington, D. C., and retain the other in the files of the post office.

Editor and Business Manager—Michael Barker, 440 South Dearborn Street Chicago, Ill.

Publisher, American Florist Company, 440 South Dearborn Street, Chicago, Ill.

Owners: (If a corporation, give names and addresses of stockholders holding 1 per cent or more of total amount of stock.)—Estate of E. Asmus, W. Hoboken, N. J., M. Barker, 440 S. Dearborn St., Chicago, Ill.; W. Atlee Burpee, 485 N. Fifth St., Philadelphia Pa.; John Burton, Wyndmoor, Mont. Co., Pa.; J. D. Carmody, Evansville, Ind.; W. W. Coles, Maple Hill Rose Farms, Kokomo, Ind.; Robt. Craig, 49th and Market Sts., Philadelphia, Pa.; J. B. Deamud, 1055 Dean St., Brooklyn, N. Y.; James Dean, Freeport, L. I., N. Y.; Emresa J. Dickey, care of Byron Reed Co., 212 S. 17th St., Omaha, Neb.; Wm. Falconer, Allegheny Cemetery, Pittsburgh, Pa.; Halliday Bros., 11 E. Baltimore St., Baltimore, Md.; Maggie Harris, 55th and Springfield Ave., Philadelphia, Pa.; Edwin Lonsdale, Lompoc, Calif.; Estate of F. R. Mathison, Waltham, Mass.; John N. May, Summit, N. J.; F. R. Pierson, Tarrytown, N. Y.; Isaac D. Sailer, 929 Chestnut St., Philadelphia, Pa.; Estate of Louise Schiller, 2207 W. Madison St., Chicago, Ill.; H. A. Siebrecht, New Rochelle, N. Y.; W. J. Stewart, 11 Hamilton Pl., Boston, Mass.; J. C. Vaughan, 31 W. Randolph St., Chicago, Ill.; Annie G. Whitnall, 4001 Harvard blvd., Los Angeles, Calif.; C. B. Whitnall, 026 Locust St., Milwaukee, Wis.

Known bondholders, mortgagees, and other security holders holding 1 per cent or more of total amount of bonds, mortgages or other securities.

There are no bonds, mortgages or other securities outstanding against THE AMERICAN FLORIST.

AMERICAN FLORIST COMPANY.
Michael Barker.
Business Mgr.

Sworn to and subscribed before me this 22nd day of March 1915.

ALBERT L. KOEHLER, Notary Public.

[SEAL.]

(My commission expires May 1, 1916.)

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price $3.00, Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St CHICAGO.

OBITUARY.

Louis B. Schulte.

Louis B. Schulte, president of the firm of Reichardt & Schulte, Inc., seedsmen, Houston, Tex., died at his home in that city, Saturday, March 19, after an illness of six weeks. He was in his forty-fifth year. He had been a resident of Houston since his birth and became a member of the firm of Reichardt & Schulte in 1899, and through his able management the business grew to large proportions. He was a member of the Houston Turnverein, being for several years a director. He was also a member of the Elks, the Knights of Pythias, Travelers' Protective Association and of the American Seed Trade Association. He was active in business as well as social affairs.

Surviving him are two sisters, Mrs. W. A. Reichardt and Mrs. Anna Wisenfield, and two brothers, Gus and Ed H. Schulte. The funeral was held from the home of the sister with whom he resided, Mrs. W. A. Reichardt, March 22, Rev. Father Walsh of the Church of the Annunciation officiating. Interment was in Glenwood cemetery.

Mrs. Martha Berning.

Mrs. Martha Berning, wife of H. G. Berning, the well known wholesale florists of St. Louis, Mo., died Sunday, March 28, after a lingering illness of three years. For many years Mrs. Berning assisted in the building up of her husband's business and was well known and highly esteemed by the trade of St. Louis and vicinity. The funeral took place March 30, with interment at the new St. Marcus cemetery. The floral offerings were numerous and elaborate, representing the trade from all sections of the country. The sympathy of the trade and a large circle of friends is extended to Mr. Berning and family in their bereavement.

Henry Murphy.

Henry Murphy, a well-known florist, of 5205 Fifth avenue, Brooklyn, N. Y., died March 24 of pneumonia at his residence, 511 Fifty-third street. He is survived by his wife, Mary; three daughters, Ellen, Mary and Agnes, and two sisters, Mrs. Thomas O'Rourke and Mrs. William Moore. He was a member of St. Agatha's R. C. church, Seventh avenue and Forty-ninth street, where a requiem mass was offered, followed by interment in Holy Cross cemetery.

H. J. Beer.

After an illness of more than a year H. J. Beer, florist and market gardener, died of tuberculosis at his home on the Richfield road, Marshfield, Wis., March 18, aged 54 years. Besides his wife, he is survived by two children, Miss Martha Beer of Marshfield and John C. Beer of Minneapolis, one grandchild, four sisters and two brothers.

St. Louis.

GOOD STOCK IN SIGHT FOR EASTER.

The market during the past week was crowded and trade was slow. Sweet peas were especially plentiful. At this time of writing, March 29, carnations are stiffening. The prospects for Easter appear to be plenty of everything. The only thing the wholesalers want is customers, and they will be able to take care of them. Violets are getting poorer and smaller every day. Lilies will be plentiful. The plantmen seem to be ready, so a happy and prosperous Easter to all.

NOTES.

Scruggs, Vandervoort & Barney have opened up a garden display at 917 Locust street, opposite the main store. The features displayed are shade trees, fruit trees, shrubs and a big exhibit of hardy roses. A miniature lake, fountain and rustic bridge are the decorative features on the east side of the store and attract much attention. This work was designed and put up by Moskopf & Irish Co., landscape architects. Some of the most gorgeous plants, consisting of genistas, heather, azaleas and 10,000 lilies, were unpacked while the writer was there.

Wm. Ellison, formerly of this city, returned from St. Paul, Minn. His son Arthur is now employed in the downtown store of the Mullanphy Florists. Mr. Ellison will take care of Arthur's farm in the country while he works in town.

H. G. Berning and family have the sympathy of the trade in the loss of his wife, one of the most popular ladies in the trade, whose death is recorded in our obituary column this week.

The Late Mrs. H. G. Berning, St. Louis, Mo.

Mrs. Hattie Frow has the sympathy of the trade in the death of her husband, G. R. Frow, who was a member of the local florists' club. The funeral took place Monday, March 29.

Otto J. Koenig has a good chance to be elected as alderman of the twenty-seventh ward, April 6, on the republican ticket.

Shaw's Garden will be open to the public Easter Sunday afternoon, and with good weather should draw a crowd.

Geo. H. Angermueller has a splendid supply of Easter novelties. His shipping trade the past week was very good.

Miss Augusta Koeppen, representing the Koeppen Floral Co., of Columbia, was in the city to buy Easter stock.

Henry C. Moskopf is out for park commissioner and is endorsed by the local florists.

Frank Gorley had a collision with his car last week while making a business trip.

All the West End stores are well stocked with Easter plants. W. F.

LACROSSE, WIS.—All the florists here are well supplied with flowers and plants for Easter. More Easter lilies than usual. The weather continues cold so that no outdoor work has been done, but as there has been clear weather the houses are full of bloom.

Boston.

TRADE QUIET AND PRICES LOW.

Although the supply of flowers coming to Boston still remains below average, there has been a perceptible falling off of trade during the whole week. Prices on nearly every line of goods have fallen off a trifle, but a good Easter trade is expected. Roses did not move as readily as the previous week, and consequently there was a drop in prices. Carnations are scarce, but the demand is light, $3 per 100 being an average price for good flowers. Sweet peas are moving very well, bringing from 75 cents to $2 per 100. Snapdragons now occupy a prominent place in the market and some very good spikes are seen. They are selling better, as the quality has improved, bringing from $1 to $2 per dozen. Yellow marguerites are more plentiful, and are not selling as well as at this time last year, but orders for large quantities are coming in for the Easter trade. The orders for Easter plants are coming in fast, many growers having their entire stock sold out at good figures.

NOTES.

E. J. Ahern, Wellesley Hills, Mass., will have a fair crop of yellow marguerites and yellow primroses for the holiday trade. He was late in planting his stock this year on account of an auto accident in which he was injured last fall, but notwithstanding the delay, his stock is doing remarkably well and in a few weeks he will be in heavy crop.

John Barr, So. Natick, Mass., is cutting extra fine carnations at present. His Benora are some of the finest seen for some time. Matchless, Pink Delight, Fenn, Ward, White Wonder and Yellow Prince, are also very fine flowers. He has over 100,000 cuttings boxed at present and his entire propogating space filled.

Penn, the Florist, advertised a sale of specimen plants from the flower show, and consequently had a good demand for them the first part of the week. He is placing large orders for Easter, as he expects a record breaking year.

P. & W. O. Jahn, East Bridgewater, Mass., are cutting a good crop of carnations. They have a good supply of Philadelphia, which does very well with them. They also have a crop of calla lilies for the Easter trade.

James Miller, of Lynn, Mass., has resumed his duties at his store after his honeymoon, spent in New York. His many friends among the trade all unite in wishing him happiness and prosperity.

F. L. W.

Washington.

GOOD DEMAND AND SATISFACTORY PRICES.

Business for the past week has been exceptionally good, and prices have just been as good as could be expected. Roses could be bought from $2 to $15 per hundred, such as White Killarney, Pink Killarney, Radiance, Wards, Richmond, Killarney Queen, Sunburst, etc. White carnations brought from $1.50 to $3 per hundred, sweet peas, Spencer type, from $1 to $1.50 per hundred, while the common varieties are offered at 50 cents and 75 cents per hundred. Single violets have started to be a little scarce, and also a little poor in this vicinity. Gardenias and orchids are not only plentiful, but are bringing fair prices. Pot plants, such as azaleas, hydrangeas, wistarias, hyacinths, tulips, ramblers of all kinds, bougainvilleas, and any flowering plants are in demand for Easter. The retail florist does not have to go outside of the city to buy stock.

DREER'S DOUBLE PYRETHRUMS

Clean, vigorous, healthy plants, from 4 and 5-inch pots, which if planted early, will give an abundant paying crop of choice cut flowers this season.

Aphrodite. Pure white.
Figaro. Red.
Leonard Kelway. Soft pink.
Lord Roseberry. Carmine-scarlet.
Meteor. Crimson-scarlet.
Mont Blanc. Pure white.
Ne-plus-ultra. Pale flesh.
Oscar. Crimson.
Walküre. Bright pink.
W. J. Tweedy. Carmine-red.

Any of the above varieties, $2.50 per doz.; $20.00 per 100.
Single varieties in fine mixture, $1.25 per doz.; $8.00 per 100.

For full line of
Seasonable Plants, Bulbs, Seeds, Etc.,
see our Current Wholesale Price List.

HENRY A. DREER
714-716 Chestnut Street, Philadelphia, Pa.
The above prices are for the trade only.

DOUBLE PYRETHRUM.

NOTES.

There seems to be a general movement for employes to seek other positions. W. J. Gordon has accepted a position with the Washington Florist Co., while Geo. Gouldman, formerly with that concern, has accepted a position with Geo. C. Shaffer. Geo. Sutton, one of Geo. H. Cooke's assistants, is now with Marche, and Dan Blackistone is back with Z. D.

Otto Bauer, manager of the S. S. Pennock-Meehan Co. branch in this city, is laid up with the grippe, but we hope that he will be on the job soon.

Gude Bros. have one of the largest stocks of Easter plants this side of New York, and have had no trouble disposing of everything.

Fred Kramer has been cutting some extra fine tulips and other bulbous stock, which always finds a ready sale.

Visitors: W. Lake, Philadelphia, Pa.; C. C. Ryerson, Newark, N. J.

G. C. D.

Baltimore.

The Gardeners' and Florists' Club held its March meeting in the Florists' Exchange building, Franklin and St. Paul streets, Monday, March 22, and the following officers were elected for the ensuing year: James Hamilton, president; John Rider, vice-president; N. F. Flitton, secretary; F. G. Burger, treasurer; C. M. Wagner, librarian. The last four named were re-elected, and have held their respective offices for a number of years. The meeting was very well attended and the question box proved more interesting than usual, with more than the average number of queries, which elicited a fund of information. One of the questions, "What Can Be Done to Make the Meetings More Interesting?" is doubtless one that occurs to boards of directors of florists' clubs generally. The question was fully discussed from every point, and every phase of the subject considered without, however, arriving at any definite solution, except that there was a unanimity of opinion that the question box is one of the most useful adjuncts of the club meeting.

VAUGHAN'S ROSES

Why not place that order now for your present need and future wants? GET THE HABIT. We will do the rest.

	Per 1000
Hoosier Beauty, grafted, 2½ inch	$300.00
Russell, " "	125.00
Sunburst, " "	100.00
Ophelia, " "	130.00
Hadley, " "	120.00
Milady, " "	110.00
Mrs. Geo. Shawyer, " "	110.00
Aaron Ward, " "	110.00
Killarney, " "	110.00
White Killarney, " "	110.00
Killarney Brilliant, " "	110.00
Richmond, " "	110.00
SUNBURST, the King of Yellow Roses, Own Root	90.00

Special attention given on 3 inch and 4 inch stock for forward delivery.

VAUGHAN'S SEED STORE
31-33 W. Randolph Street, CHICAGO.
43 Barclay Street, NEW YORK.
Greenhouses, Western Springs, Ill.

The approach of Easter is clearly indicated in the appearance of the store windows and on the flower stalls in the markets. Business is quiet, the supply being quite equal, perhaps somewhat in excess of the demand. N. F. F.

NEW LONDON, WIS.—It is reported that the Ketchum property on the Shawano road has been sold and the new owner will erect a greenhouse.

AUGUSTA, GA.—H. W. Balk says the large tourists' hotels are almost as busy as last year, but that there is little call for flowers. There is practically no business except funeral work and little of that.

SHERMAN, TEX.—The window of the flower shop of the Texas Nursery Company is the subject of much admiration and complimentary comment, occasioned by attractive floral displays. Mrs. Lizzie Gardenshire, who has charge, and her assistants, are kept busy, and report a good trade.

FORT WORTH, TEX.—Committees to solicit prizes for the annual Fort Worth flower garden contest were appointed March 17 at a meeting of the general committee in charge of the contest. Two hundred dollars are given annually by the Fort Worth park board, which goes toward the prizes and the committee will solicit additional funds.

POEHLMAN

72-74 E. Randolph St.,

Fancy Mrs. Chas. Russell Roses

Large perfect flowers on all lengths of stems in good supply. This rose is preferable to the American Beauty in the shorter lengths up to 36 inches, because of its superior quality. The Russell rose has perfect flowers on strong stiff stems, and possesses splendid keeping qualities.

SUNBURST-WARD-RED ROSES-All the KILLARNEYS-HADLEY
CARNATIONS-CATTLEYAS-SWEET PEAS-VALLEY-BEAUTIES

Price List in Effect April 5, 1915.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$5.00
36 inches long	4.00
30 inches long	3.00
24 inches long	2.50
18 to 20 inches long	$1.50 to 2.00
Short.....per 100, $4.00, $6.00, $8.00 and $10.00	

	Per 100		
HADLEY	$4.00 to	$6.00 to	$12.00
SHAWYER	4.00 to	6.00 to	12.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

Extra long	$10.00
Long	8.00
Medium	$5.00 to 6.00
Short	3.00 to 4.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long	$10.00
Long	8.00
Medium	$5.00 to 6.00
Short	3.00 to 4.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 3 00
30 inches long	2 50
24 inches long	2.00
18 to 20 inches long	1.50
Short .....per 100, $4.00, $6.00, $10.00	

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

LILY OF THE VALLEY.

	Per 100
Extra fancy	$4.00
First quality	3 00
Second quality	2.00

Gardenias	per dozen, $3.00 to $4.0
Cattleyas	per dozen, 4.00 to 6.0

CARNATIONS.

	Per 100
Fancy	$4.0
Our selection	3.0
Splits	2.0

MISCELLANEOUS CUT FLOWERS.

Daffodils	$ 3.00 to $ 4.0
Jonquils	3.00 to 4.0
Tulips (our selection)	2.00
Tulips (double Murillo)	3.00
Tulips (yellow)	3.00
Tulips (Keizerskroon)	3.00
Tulips (Lorraine)	3.00
Tulips (double red, double yellow)	3.00
Sweet peas (common)	.75
Sweet peas (Spencer)	1.00 to 1.5
Lilies (medium stem)	12 50
Lilies (short stem)	10.00
Violets (double and single)	.60 to .7
Violets (Single—Princess of Wales)	.75

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$ 0.75
Smilax	per dozen, $2.00 to $2.50
Sprengeri Asparagus	2.00 to 3.0
Asparagus Plumosus	per string, $0.60
Leucothoe	1.0
Adiantum	1.00 to 1.5
Galax (bronze and green)	per 1,000 $1.00
Eastern flat ferns	per 1,000 3.00
Boxwood, per lb., $0.25	per case, 7.50
Southern Wild Smilax	per case, 5.00

SUPPLIES.

EVERYTHING THAT YOU NEED IN FLORISTS' SUPPLIES.

Remember when buying new stock after Easter that our line is complete in every respect and that you cannot do any better elsewhere, so place your orde with us right at the start. Our line of ribbons and chiffons will surely pleas you and our line of baskets is so complete and the prices are so reasonable tha you cannot afford to buy without first getting in touch with us. Do it now

N BROS. CO.

ng Distance Phone, Randolph 35. **CHICAGO, ILL.**

AZALEAS FOR EASTER, in all sizes, from $1.25 to $3.00 each.

WESTERN PALM HEADQUARTERS

argest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

			Each
ach pots,	5 to 6 leaves,	18 in. high	$0.35
ach pots,	6 to 7 leaves,	24 in. high	1.00
ach pots,	6 to 7 leaves,	28 to 30 in. high	1.50
ach pots,	6 to 7 leaves,	32 to 34 in. high	2.00
ach pots,	6 to 7 leaves.	40 to 42 in. high	3.00
ach tubs,	6 to 7 leaves,	40 in., heavy	3.50
ach tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
ach tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
ach tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40 00.

Kentia Belmoreana

Made-up Plants

. pots	3 plants in a pot	24 in. high	$1.20
. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2 00 per doz.; $15.00 per 100.

ach pots,	5 to 6 leaves,	18 to 20 in. high	$0.35
ach pots,	5 to 6 leaves,	28 to 30 in. high	1.00
ach tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
ach tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
ach tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
ach tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
ach pots,	3 plants in a pot,	28 in. high	$1.50
ach pots,	3 plants in a pot,	36 to 38 in. high	2.50
ach tubs,	4 plants in a tub,	38 to 40in. high	3.00
ach tubs,	4 plants in a tub,	38 to 44 in, high	3.50
ach tubs,	3 plants in a tub,	48 to 54 in. high	5.00
ach tubs,	4 plants in a tub,	52 to 56 in. high	6.00
ach tubs,	4 plants in a tub,	5 ft. high	8.00
ach tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
ach tubs,	4 plants in a tub,	6 ft. high	12.00

ery strong specimens, in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Phoenix Roebelenii

Each

4-in. pots, nicely characterized, 40 cents.

7-in. pots	22-in. high	30-32-in. spread.....$2.00
7-in. pots,	26-in. high	34-36-in. spread..... 2.50
8-in. tubs,	grand specimens.....	3.50

Areca Lutescens

6-in. pots, 3 plants in pot.....	1.00
7-in. pots, 3 plants in pot.....	1.50

FERNS—Boston, Whitmani, Roosevelt.

7 inch. each.....	$0.75	per doz.....	$ 9.00
8 inch. each.....	1.00	per doz.....	12.00
10 inch. each.....	2.50		
12 inch. each.....	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Pandanus Veitchii

Highly colored, 3-in., 25c; 4-in., 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2,50 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in , $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Rubber Plants

All sizes from 25c to 50c each. Strong foliage.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

100,000 CANNAS

Very choice varieties. Extra strong plants, 4-in., $8.00 per 100; $75.00 per 1000.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

GRAFTED AND OWN ROOT ROSE PLANTS

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

rafted, 2½-in.	Per 1000	Per 5000	Grafted, 2½-in.	Per 1000	Per 5000
helia.....	$130 00	$600 00	White Killarney.....	$110 00	$50 0 00
dley.....	120 00	550 00	Killarney Brilliant..	110 00	500 00
ady.....	110 00	500 00	Richmond.....	110 00	500 00
s. Geo. Shawyer..	110 00	500 00	Bulgarie or Taft.....	110 00	500 00
ron Ward.....	110 00	500 00	Cecile Brunner.....	100 00	.....
larney.....	110 00	500 00			

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in.	Per 1000	Per 5000	Own Root, 2½-in.	Per 1000	Per 5000
White Killarney....	$60 00	$275 00	Aaron Ward.....	$60 00	$275 00
Pink Killarney.....	60 00	275 00	Milady.....	60 00	275 00
Richmond.....	55 00	260 00	Hadley.....	70 00	300 00
Bulgarie or Taft.....	60 00	275 00	Prince d'Arenberg..	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white..... $8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
HITE—				
ctober Frost.....	$2 50	$22 00	$3 00	$27 00
irginia Poehlmann.....	2 50	22 00	3 00	27 00
harles Razer.....	2 50	22 00	3 00	27 00
lise Papworth.....	2 50	22 00	3 00	27 00
V. H. Chadwick.....	2 50	22 00	3 00	27 00
imothy Eaton.....	2 50	22 00	3 00	27 00
ynnwood Hall.....	2 50	22 00	3 00	27 00
mith's Ideal.....	2 50	.....	3 00	.....
conto.....	2 50	22 00	3 00	27 00
lice Salomon.....	2 50	22 00	3 00	27 00
ONZE—O. H. Kahn.....	2 50	22 00	3 00	27 00
D—Schrimpton.....	2 50	22 00	3 00	27 00
PINK—				
McNiece.....	$2 50	$22 00	$3 00	$27 00
Enguehard.....	2 50	22 00	3 00	27 00
Maud Dean.....	2 50	22 00	3 00	27 00
R. E. Loeben.....	2 50	22 00	3 00	27 00
Patty.....	2 50	22 00	3 00	27 00
Wells' Late Pink.....	2 50	22 00	3 00	27 00
Chieftain.....	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow.....	$2 50	$22 00	$3 00	$27 00
Chrysolora.....	2 50	22 00	3 00	27 00
Bonnaffon.....	2 50	22 00	3 00	27 00
Yellow Eaton.....	2 50	22 00	3 00	27 00
Yellow Salomon.....	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

CARNATION CUTTINGS.

Here are two of last year's introductions that we believe to be good commercial varieties, and we will grow these in quantities ourselves:

	Per 100	Per 1000
Champion, red.....	$6.00	$50.00
Philadelphia, light pink.....	6.00	50.00

	Per 1000
Beacon.....	$25.00
Scarlet Glow.....	25.00
Enchantress.....	20 00
Gorgeous.....	30.00

2½ inch	Per 1000
Winsor.....	$30.00
Enchantress.....	35 00
Champion.....	65.00
Gorgeous.....	40 00
Scarlet Glow.....	35 00
C. W. Ward.....	35.00

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

HEAVY SUPPLY

BEAUTIES AND ROSES

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

ROSES

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Rhea** and **Richmonds.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

Beauties.

A choice cut of long and short stems. Not many medium lengths are now being cut.

Carnations.

A fine supply of very fine quality pink, white and our extra fancy red **Belle Washburn.**

Sweet Peas.

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. $1.00 to $1.50 per 100.

Jonquils, Sweet Peas, Valley and **Greens**—large supply constantly on hand.

Tulips, all colors, single and double.

PRICE LIST

BEAUTIES.	Per doz.
Extra long specials	$3.00 to $4.00
30 to 36 in. stems	2.00 to 2.50
20 to 24 in. stems	1.50
15 in. stems	1.00
Shorter lengths	.50 to .75

Killarney Brilliant, Sunburst, Bulgarie, Rhea Reid.	Per 100
Specials, extra long stems	$10.00
Good length	8.00
Medium length stems	6.00
Short length stems	4.00

Richmond, Pink Killarney, White Killarney.	
Long stems	8.00
Medium stems	6.00
Short stems	$3.00 to 4.00

Pink and White Killarney.	Per 100
30 to 36 inch stems	$10.00
Roses, our selection of 100 or more	3.00

Carnations.	
Red, extra fancy **Belle Washburn**	4.00
White, fancy	4.00
Pink, fancy	$3.00 to 4.00
Tulips, all colors, single and double	2.00 to 4.00
Jonquils and Paper Whites	2.00 to 3.00
Sweet Peas, according to quality	1.00 to 1.50
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 2.50

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

TRADE MUCH BETTER.

Trade is much better at this writing and there seems to be plenty of stock in almost all lines with the exception of white carnations, which have brought good prices the past week. Everything so far points to a good Easter trade, especially as far as the out-of-town demand is concerned, and there is no question but what the local trade will also be brisk if the weather is at all favorable. American Beauty roses are in good supply and quite a number of flowers from young stock are now arriving. The receipts of Mrs. Chas. Russell roses are still very heavy, but clean up well each day owing to the fine quality of the stock offered. Roses in general are in good supply but are selling well. Sweet peas are arriving in much larger quantities and magnificent stock is obtainable at very reasonable prices. Freesia is about done and only a limited supply of stock in this line is seen. Lilies are arriving in large quantities but are in good demand, and while there appears to be more than enough stock to fill all orders, the supply is not as large as last year. Good callas are none too plentiful but gardenias are seen in larger numbers. Single violets are none too plentiful but the New York doubles are in good supply. Spanish iris, pink and yellow snapdragons and Ten Weeks stock are in good supply and choice lupines are now among the offerings. Lily of the valley is plentiful and is selling much better this week. Bulbous stock in general seems to be shortening up, but there is plenty on hand to fill all orders. Southern jonquils are arriving in large quantities but the quality is nothing to speak of. The weather up to March 28 was very favorable for growing conditions but a light snow storm set in about noon that day, but taken all in all the quality of the stock offered is all that can be desired and no complaints are being heard on this score. The local plantsmen are pretty well sold out in all lines for Easter and while there still appears to be plenty of pot lilies on hand, a cleanup in this line would not be at all surprising.

Wednesday, March 31.—The weather today is cold and bright and predictions indicate no serious change for the Easter holidays.

NOTES.

The Cook County Florists' Association met at the Tavern, West Washington street, last Thursday evening, March 25, when the members decided to join the Chicago Florists' Club in a body, according to a plan that no doubt will be agreeable to all concerned. A special meeting of the association will be held at the Hotel Bismarck next Thursday evening, April 8, at 8 p. m.

E. C. Pruner and A. F. Longren, traveling representatives of Poehlmann Bros. Co., have both returned from out-of-town trips and will spend Easter at home this year with their families.

W. H. Amling and wife will celebrate their twenty-fifth wedding anniversary at their home in Maywood on Friday, April 9.

The firm of W. L. Palinsky has invested in a new Ford delivery car.

SNAPDRAGONS

Pink-Yellow, 50c to $2.00 per doz.

Sweet Peas - Roses - Carnations - Lilies - Tulips Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

MAMMOTH SUPPLY

MARYLAND---RICHMOND---KILLARNEY

and all other roses listed below. Trade here and get the best stock that can be produced under 2,000,000 feet of modern glass.

Current Price List. In Effect April 5.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$5 00
36-inch stems	4 00
30-inch stems	3 00
24-inch stems	2 50
20-inch stems	2 00
15-inch stems	1 50
Short	$0 75 to 1 00

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Wards, Milady	
Extra select	$10 00
Select	8 00
Medium	$5 00 to 6 00
Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$3 00
Select	2 50
Medium	$1 50 to 2 00
Short	75 to 1 00
	Per 100
ROSES, our selection	$3 00
Carnations, fancy	4 00
Select	3 00
Good grade	2 00
Harrisii	$12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00

2,000,000 Feet of Modern Glass

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

Large Quantities

SWEET PEAS--LILIES ROSES--CARNATIONS

The finest stock in the market. Our Sweet Peas are exceptionally grand as are our Lilies, which are recognized as the Cream of the Market by city buyers. In Roses and Carnations we have all the best new and leading varieties in such large quantities that we can always fill all orders in full. Try us once and you will be a regular buyer.

Beauties, Valley, Tulips, Daffodils, Jonquils, Choice Single Violets, Callas and all other seasonable cut flowers. Complete line of Greens. Always remember that our line is so complete that if any particular item is desired and is to be had, it is usually at our establishment. Get in touch with us right away in regard to your regular supply.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284 3283 **Chicago**

The Retail Florists' Co., which is a part of the Retail Florists' Association, has opened an office in room 510 in the Fairbanks building, with H. H. Wilkerson in charge. The Retail Florist Co. has banded together for the purpose of buying in a co-operative way and will deal with the home markets as much as possible. At a meeting held on March 22 the following members were elected to the board of directors: George Stollery, Louis Wittbold, H. R. Hughes, A. Vanderpoel and George Walthers. A meeting of both the Retail Florist Co. and the retail Florists' Association will be held next Monday evening, April 5, at 8 o'clock.

Wietor Bros. will have a splendid Easter trade this year, for shipping orders have been numerous and stock has cleaned up exceptionally well so far. Carnations and roses are both arriving in good supply, but find ready buyers. This firm is offering some fine rose stock in 2-inch and 2½-inch pots, including a good number of the popular Killarney Brilliant.

At Kennicott Bros. Co.'s store trade is very good and everything so far points to a good Easter business. March 27 and March 28 were both very good days and among the best since the present management assumed charge.

Erne & Klingel are having such a heavy demand for smilax that it is almost impossible to fill all the orders. First come, first served, is the motto at this house.

Miss Isabelle Frankland, formerly with the George Wittbold Co., has joined the office force of the A. L. Randall Co.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

August Poehlmann says the demand for Easter stock, as far as blooming plants is concerned at Poehlmann Bros. Co.'s greenhouses, was very brisk and resulted in a clean-up in practically all lines. At the store the demand for cut flowers is also brisk and the supply department never had a better business. The demand in this department was very heavy for baskets both for cut flowers and plants. Some of the finest Mrs. Chas. Russell roses of the season are now being offered in quantity at this store.

Humboldt, Garfield, and Douglas parks are to have farms this summer, according to President William F. Grower of the West park board. He said lots 100 feet square will be set aside for raising vegetables. Gardeners at the different parks will have supervision of the farms. It is an experiment to show the public what can be raised.

Sinner Bros., in looking over their last year's records, find that they sold more carnation cuttings the latter part of April and the first week in May than at any other time. This year will very likely be an exception, for their advertisement in the Ready Reference department of this paper is bringing in the orders like hot cakes.

H. Van Gelder and his hustling store force are busy as bees at Percy Jones' establishment this week, getting out Easter orders, and the indications are that it will be the best Easter ever. Carnations and tulips are in large supply at this house this week, but are cleaning up quickly.

A. W. Larson, who is filling the position of shipping clerk at Poehlmann Bros. Co.'s greenhouses at Morton Grove, is all smiles over the arrival of a baby boy. It is understood that he has accepted a position as foreman of the Holm & Olson greenhouses at St. Paul, Minn.

The next regular meeting of the Chicago Florists' Club will be held at the Hotel Bismarck, West Randolph street, next Thursday evening, April 8, at 8 o'clock. This meeting promises to be a most interesting one, so as large an attendance as possible is desired.

J. A. Budlong is busy filling shipping orders for Easter this week and is pleasing his customers with a fine grade of roses and carnations. The local trade is also good at this store and taken all in all everything points to a good Easter trade.

The Chicago Flower Growers' Association is handling a large quantity of boxwood in addition to its regular offerings of cut flowers and other green goods. The Easter trade is very good so far at this house and the outlook for the week is very bright.

Victor J. Nygren, a landscape gardener, was killed at Burlington station in Berwyn last Sunday evening, March 28, when he was struck by a train as he was crossing the tracks. He was 63 years old and lived at 1431 Elmwood avenue, Evanston.

ROSES--LILIES
Carnations-Valley-Violets
Our stock is the aggregate output of approximately 75 expert growers, thereby insuring our customers a selection and a variety of the finest product only. We endeavor to give satisfaction as to Quality-Service-Price, and respectfully solicit your patronage.
CHICAGO FLOWER GROWERS' ASSOCIATION
Wholesale Growers of Cut Flowers and Plants
176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

O. A. Tonner is having such a good call for snapdragons that she hardly ever has any surplus when the day's business is done. Some fine sweet peas are now being received from the Wiffin greenhouses at Des Plaines.

Zalinger & Hirsch have been unusually busy with funeral work at their stand in the Insurance Exchange building and among the many pieces delivered were six beautiful Elk designs.

Miller & Musser are busy getting things in shape at their wholesale store at North Wabash avenue and Lake street, and will be ready soon to fill all orders for cut flowers and greens.

One of the department stores offered lily plants with two to four blooms last week at 15 cents per plant. This stock, however, was quite stunted.

Lester E. Partridge, of Sharp, Partridge & Co., is back on duty after being confined to his home for nearly a month with quinsy and tonsilitis.

Fred J. Colterjohn is helping out Ronsley, the Florist, at his South Dearborn street store during the Easter rush.

The E. F. Winterson Co. is disposing of some fine Easter plants for the Mt. Greenwood Cemetery Association.

F. O. Franzen, the North Clark street florist, will make all of his Easter deliveries in a new Overland car.

Harry Manheim, of Hoerber Bros., is minus a dandy Scotch collie, which some one stole this week.

Joseph Ziska & Sons report a splendid Easter business in both the supply and wire departments.

Kyle & Foerster are still offering fancy sweet peas in large quantities.

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO
Not the Oldest
Nor the Largest
Just the Best
PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

Mention the American Florist when writing.

George Reinberg has a nice cut of roses for his Easter trade, especially Richmond.

A. L. VAUGHAN & CO.

161 N. Wabash Ave., (NOT INC.) TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

Extra Select

Beauties--Roses--Carnations--Lilies

CURRENT PRICE LIST Subject to Change Without Notice. **Effective April 5, 1915.**

BEAUTIES.	Per doz.
30 to 36-inch stems	5.00
20 to 24-inch stems	$3.00 to 4.00
15 to 18-inch stems	2.00 to 2.50
12-inch stems	1.00 to 1.50

ROSES.	Per 100
Killarney, fancy	$8.00 to $10.00
" good	5.00 to 6.00
" short	4.00
White Killarney, fancy	8.00 to 10.00
" " good	5.00 to 6.00
" " short	4.00
Richmond, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Ward, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Sunburst, fancy	8.00 to 10.00
" good	5.00 to 6.00
" short	4.00
Killarney Brilliant, fancy	8.00 to 10.00
" " good	5.00 to 6.00
" " short	4.00
Roses, our selection	3.00

ORCHIDS.	
Cattleyas ....per doz.,	$6.00

CARNATIONS.	Per 100
Carnations	$3.00
" special fancy	4.00
" splits	2.00

EASTER LILIES.	Per 100
Fancy	12.50
Good	10.00
Short	8.00

MISCELLANEOUS.	Per 100
Callas	$12.50 to $15.00
Valley	3.00 to 4.00
Sweet Peas	.75 to 1.50
Tulips	3.00 to 4.00
Daffodils	3.00 to 4.00
Jonquils	3.00 to 4.00
Violets, single and double	.50 to 1.00

GREENS.	
Asp. Plumosus....per string,	$0.50
Asp. Plumosus Sprays....bunch,	$0.35 to .50
Sprengeri ....per bunch,	.35 to .50
Adiantum ....per 100,	1.00
Smilax, choice ....per doz.,	1.50 to 2.00
Fancy Ferns ....per 1,000,	3.00
Galax Leaves ....per 1,000,	1.00
Boxwood, per lb., 25c....50-lb. case,	7.50
Pussy Willow ....per bunch,	.35 to .50

ROSES--CARNATIONS

Enormous supply of magnificent stock in all the best new and leading varieties at reasonable prices. You can send you orders to us with the assurance that you will receive absolutely the same treatment as if you were on the market selecting the stock yourself.

SWEET PEAS--VALLEY--VIOLETS--TULIPS

and everything else seasonable in cut flowers. Complete line of Green Goods. Should you ever need stock in a hurry, and want to avoid disappointment, send your orders to us.

We have taken over the entire Cut Flower business of the

CHICAGO CARNATION CO.

and are now conducting it under our own name.

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Prices As Low As Others.

Chas. W. McKellar and wife have returned from a delightful visit in California, where they attended the Panama-Pacific and the San Diego expositions. Mr. McKellar says that the horticultural exhibits at the San Diego exposition at present are magnificent, and that the exhibits at the San Francisco exposition should be at their best next August, when the S. A. F. convention will be held there. A short stop was made at Denver, Colo., where they had a pleasant visit with Miss Marie Olmert and her sister, who are now residing there. Miss Olmert is well known here, for she kept the McKellar books for several years.

Mrs. Horton of the Bassett & Washburn office force is back from a most enjoyable visit in California, where she took in the sights at both the San Diego and San Francisco expositions. She is very favorably impressed with the beauty and climate of the "Golden State" and speaks as if she would like to make her home there. She reports a pleasant visit with O. P. Bassett and wife and E. B. Washburn and family at Pasadena, who are all in the best of health, especially Mr. Bassett, who celebrated his eightieth birthday on March 30.

Peter Reinberg is cutting heavily in My Maryland roses this week, and while they are in good supply at this house, they are none too plentiful in this market, for very few florists are growing this variety any more. The receipts of Mrs. Chas. Russell roses are quite large now also, but stock in general is cleaning up quickly each day owing to the heavy Easter demand. Rose Mrs. George Shawyer has been discarded altogether at the greenhouses.

Allie Zech and Gale Fanning, of the Zech & Mann store force, visited the firm's growers at Maywood last Sunday, March 28, and returned with the report that the outlook for a heavy supply of sweet peas for the Easter trade was excellent. They evidently sized the situation up right, for the receipts at the store now never were larger than this season, nor was the quality ever better.

John Kruchten is having a brisk demand for pot lilies and cut lilies, which he is handling in large quantities and expects to dispose of before the Easter rush is over. Gardenias are having a good call at this store also, and fortunately his growers are in crop right now, which enables him to fill all orders.

C. L. Washburn reports that the shipping trade at Bassett & Washburn's store is unusually heavy this week and that a large number of Easter orders were refused for carnations and yellow roses. Lilies cleaned up in grand style with them this year at good prices.

A. L. Vaughan says that A. L. Vaughan & Co.'s Easter business will be fully as good, if not better, than last year as far as the shipping trade is concerned, and is inclined to believe that the local demand will also show a considerable increase.

A. T. Pyfer & Co. are having their share of the Easter business and report that the shipping trade is unusually brisk. Roses and carnations are the principal offerings and clean up nicely each day.

A. E. Hunt & Co., of Evanston, are planning on adding another house to their already large range. They are now offering a good supply of lupines at their stand in the local market.

H. C. Blewitt, of Des Plaines, is cutting quite heavily in sweet peas now. His daily cut is into the thousands, which is considered very good, as only three houses are devoted to this flower.

Frank McCabe, of the A. L. Randall Co., is back from a successful western business trip, and is giving the boys a hand in the cut flower department during the Easter rush.

The E. C. Amling Co. and the A. L. Randall Co. are now located in their new quarters in the Le Moyne building, North Wabash avenue and Lake street.

Gus Raasch, of Kankakee, was in the city, March 29, on business connected with the new house that he will add to his range in the near future.

John Schoepfle and wife celebrated their twenty-fifth wedding anniversary with a party at their home, Sunday, March 28.

Miss Wenonah L. Butterworth of Muskegon, Mich., was a visitor at the Peter Reinberg establishment this week.

Visitors: A. E. Kunderd, Goshen, Ind.; Gus. Raasch, Kankakee; Miss Wenonah L. Butterworth, Muskegon, Mich.; J. A. Kairns, representing Henry A. Dreer, Philadelphia, Pa.

Minneapolis, Minn.

MARKET SHOWS SUDDEN IMPROVEMENT.

Conditions of the market for the past week have been rather slow, nothing moving very briskly until Saturday, March 27, when it improved suddenly and everything cleaned up at good prices. Roses 4 to 10 and carnations 2½ to 4 cents. Green goods of all kinds are in good supply. There has been a falling off of cheap sales, and more advertising is being done without any prices stated. Most of the trade seem to think it is a good idea not to mention cheap prices, as it is hard to make the public see why they can buy bulbous stock at 12 cents a dozen on one day and have to pay 75 cents or $1 the next, and it takes them a week or two to establish the right price on the stock sold at these sales.

The Donaldson Co. had its greenhouses turned to show houses on Palm Sunday and gave the general public an invitation through the daily papers to inspect their large stock of Easter plants, which were very nicely arranged in banks and on the benches. It also had an old mill scene, with mill running and a waterfall. The visitors numbered 1,500, not as many as would have been the case if the weather had been warm.

Ralph A. Latham has a very fine display of hydrangeas in French varieties.

The attendance at the bowling alleys Friday evening, March 26, was about 15 and some good scores were made.

C. R. Rudlinger has his men out pruning trees and shrubs and reports inquiries for trees and shrubs about the same as last year.

BASKETS

Everything in Cut Flower and Plant Baskets. Send your order direct to us and we will save you money. Large shipment has just arrived from our large factories in Germany.

Raedlein Basket Co.

713 Milwaukee Ave., CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

Lakewood Cemetery Greenhouses have a fine lot of Easter lilies and blooming plants which Mr. Wessling is proud of.

Col. Rice of Rice Bros. has returned from his trip north, and reports business good among the florists he called on.

Hans Rosacker is sending out some very fine lilies and other stock, which is keeping his force busy.

The "boys" all say that Minneapolis is on the map with the news in THE AMERICAN FLORIST.

E. Farley left for Aberdeen, S. D., to take a position with Miss Beth Youreman.

Visitors: L. E. Metcalf, of A. L. Randall Co., and A. Miller of Alex. Henderson & Co., both of Chicago.

R.

YOUNGSTOWN, O.—Construction of a modern greenhouse is planned by Lionel Evans, park superintendent, to supply plants for all the city parks, school yards and the premises surrounding fire stations. If he receives proper support, the municipal greenhouse will be erected.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLOR STS L. D. Phone, Randolph 6578 CHICAGO, ILL.

BIG CROP

Roses and Carnations

Price list in effect March 29th, 1915.

All kinds of **Killarneys,** red, yellow, and **American Beauty Roses.**
Satisfaction guaranteed, at bargain prices.

PINK KILLARNEY, WHITE KILLARNEY, RED RICHMOND.

Short, 12-14 in.....4c Long, 20-22 in..... 8c
Medium, 16-18 in...6c Special, 24 30 in...10c

AMERICAN BEAUTIES.

Good short.....6c-10c Fancy, 30 in.....30c
Medium, 18-20 in..12½c Special, 36 in.....35c
Long, 24 in.....25c Ex. special, 48 in..50c

CARNATIONS—Pink, White, Red.

Splits.....2c-3c Fancy.....4c

Fancy ass't **Sweet Peas**.....per 100, 75c-$1 00
Florists' dble. **Sweet Alyssum**..per 100, .25
Yellow Genista Flowers..... " 1 00
" " " 18 in. sprays, " 4.00
Asp. Plumosus Sprays..... .02
Asp. Sprengeri Sprays..... .02
Fancy **Eastern Ferns**.....per 1000, 3.00
Bronze or **Green Galax**..... " 1.00

Write, wire or phone your Easter order to us. Satisfaction guaranteed, or you may return the shipment by first express.

Buy direct from the Grower.

W. E. TRIMBLE GREENHOUSE CO.

Long Distance Phone 2416.

PRINCETON, - - ILL.

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

George Reinberg

Wholesale Florist

Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. **Try us.**

162 N. Wabash Av., CHICAGO

EMMETT, IDA.—C. P. Hartley of this city has been appointed a member of the state horticultural board by the governor.

MEMPHIS, TENN.—George Koen has been awarded the contract for landscape architecture on the grounds of the new home of George Brodnax. Work will commence about April 1.

FT. SMITH, ARK.—George Rye is erecting a model range of houses on his property and will occupy them this spring. He intends to engage extensively in growing fancy stock and house plants.

H. B. KENNICOTT, PRESIDENT F. KENNICOTT REILLY, VICE PRES.

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

172-4 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Wholesale Flower Markets

Easter Price List. In effect March 29.

	Per doz.
Roses, Beauty, specials	$6 00
" " 36-in.	5 00
" " 30-in.	4 00
" " 24 in..	3 00
" " 20-in..	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
" Mrs. Chas. Russell....	1 00@ 4 00
	Per 100
" Killarney Brilliant	4 00@12 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" Richmond	4 00@12 00
" Prince de Bulgarie	4 00@12 00
" Rhea Reid	4 00@12 00
" My Maryland	4 00@12 00
" Mrs. Geo. Shawyer	6 00@15 00
" Milady	4 00@12 00
" Sunburst	4 00@12 00
" Mrs. Aaron Ward	4 00@12 00
" Hadley	6 00@15 00
" Ophelia	4 00@15 00
" Our selection	3 00
Carnations	2 00@ 5 00
Cattleyas.... per doz.,	4 00 to 6 00
Daffodils	3 00@ 4 00
Freesias	3 00@4 00
Gardenias....per doz.,	3 00@ 4 00
Jonquils	3 00@ 4 00
Lilium Harrisii	10 00@15 00
Paper Whites	2 00@ 3 00
Romans	2 00@ 3 00
Snapdragons..per doz.,	50@2 00
Spanish Iris	8 00
Sweet Peas	75@ 2 00
Tulips	3 00@ 4 00
Valley	3 00@ 4 00
Violets	50@ 1 25
Adiantum Croweanum	1 00@ 1 50
Ferns	3 00
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago
Telephone, Central 328
Mention the American Florist when writing.

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS
162 N. Wabash Ave., Chicago
Long Distance Phone. Randolph **3619**
Mention the American Florist when writing.

John Kruchten,

Wholesale Cut Flowers
162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone Randolph 2758.
Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 2.00

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

BIG EASTER SUPPLY AT HAND.

The weather for the past two weeks has been ideal, bringing everything in without any forcing, so that there will be almost a record stock in point of quality and quantity. A number of the growers say that in some lines they are sold out at prices satisfactory to them, which sounds very good for these hard (?) times. The cut flower market is full of good stock, which moves very slowly. Several of the stores have advertising campaigns started to boost business, with more or less success. Offerings of low prices on roses and daffodils have brought good results, while another featured tausendschon roses in pots, and sold over 300 of them in seven-inch pots in one week, which is pretty good business at this season. About the only flowers held firmly are carnations, and these may go higher for Easter, but everything else will be offered at the prices of the past two weeks. Easter lilies are said to be in full supply, with lower prices threatening; the stock, nearly all giganteum, is fine. Spencer sweet peas will be a great feature of the market; nothing like them has ever been seen in this market before—the quality is superb.

NOTES.

At the New York and Boston shows, Jos. Heacock Co. won first in six entries, a gold medal and one second in two others, and this right in the rose country, amongst the experts. August Gontram, of Holmesburg, won in New York with his superb sweet peas, getting five firsts and one second in six entries. W. Atlee Burpee & Co., also made a fine display. Wm. Kleinheinz won in the carnation classes over all competitors, so that Philadelphia is continually kept to the front by her skillful growers. Let everybody get in line for next year and make our show the greatest ever.

The crowd at the Wm. Harris nurseries, Palm Sunday, was a record-breaker. The large shed was lined on both sides of its full length, 300 feet, with orders selected to go out, starting at midnight on Sunday. These masses of color from 8 to 10 feet in width on both sides of this long passageway, was a charming sight, bewildering in its variety of form and color. It is estimated that 10,000 persons visited the greenhouses during the day.

The M. Rice Co., having had a great run on its Easter baskets, are making great preparations for Decoration day. Made-up wreaths of magnolia, with artificial roses and porcelain flowers, are being made in large quantities.

The Leo Niessen Co. expect a wonderful business, having a great many orders booked ahead. Their stock of American Beauty roses will be seen in quantity. Splendid Spencer peas are also a feature.

Chas. Zimmer, of Collinwood, N. J., has added an auto to his delivery service. He is much pleased with its great efficiency.

K.

TOPEKA, KAN.—The second annual flower show in this city will open about June 1, under the auspices of the Country club.

Wholesale Flower Markets

BOSTON, March 31.	Per 100
Roses, Beauty	5 00@50 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, March 31.	
Roses, Beauty, special, doz.,	6 00
" " fancy, "	5 00
" " extra "	3 00
" " No. 1, "	2 00
	Per 100
" " No. 2	4 00@ 6 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Richmond	4 00@12 00
" Sunburst	4 00@12 00
" Ward	4 00@ 8 00
" Taft	4 00@ 8 00
Lily of the Valley	4 00
Lilies	10 00@12 00
Calla Lilies	10 00@15 00
Cattleyas	40 00@60 00
Carnations	3 00@ 5 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 8 00
Violets	75@ 1 00
Freesia	2 00@ 3 00
Mignonette	3 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Tulips	2 00@ 3 00
Daffodils	2 00@ 2 50
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00

CINCINNATI, March 31.	
Roses, Beauty	per doz., $1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	8 00@12 00
Asparagus Plumosus	per bch., 25c
Carnations	2 00@ 4 00
Hyacinths	3 00@ 5 00
Orchids, per doz	3 00@ 4 00
Violets	35@ 50
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	2 00@ 3 00
Rubrum Lilies	4 00@ 8 00
Tulips	3 00

ST. LOUIS, March 31.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	3 00@ 8 00
" White Killarney	3 00@ 6 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	3 00@ 4 00
Carnations	2 00@ 3 00
Orchids	35 00@50 00
Violets	40@ 60
Asparagus Sprengeri, per bu.,	25@50
Asparagus Plumosus, per bu.,	25@60
Harrisii	10 00@12 50
Jonquils	2 00@ 3 00
Sweet Peas	25@ 75
Callas	8c@12½c
Ferns	per 1000, 2 50
Leucothoe	per 100, 60
Galax	per 1000, 1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Cincinnati.

MARKET SUFFERS FROM OVERSUPPLY.

The supply in the market is large and comprises heavy cuts of practically every seasonable flower. Business, however, while fair, is not too good, and low prices have been the result. Last week the demand for stock was active only in spots. The cut of roses continues heavy, and among others includes some excellent American Beauties. Carnations clean up pretty well as the supply is not up to normal. Easter lilies are fine and are plentiful. Some very fine tulips, jonquils and daffodils are coming into the market. Sweet peas continue very plentiful. Their selling price is generally very low. Lily of the valley has a very indifferent call, while violets and orchids move slowly. Other offerings include callas, rubrums, snapdragons, forget-me-nots, Dutch hyacinths, primroses and poeticus. Green goods are plentiful.

NOTES.

The funeral of Miss Norma Walke, daughter of Otto Walke, was held Monday, March 29. Mr. and Mrs. Walke have the sympathy of the trade in their bereavement.

C. E. Critchell reports that up to the first of this week his orders for Easter were ahead of the corresponding period last year.

Visitors: Ellis Woodward, representing Sefton Mfg. Co., Chicago; George H. Fulle of Fulle Bros., and Jos. Hill, Richmond, Ind.; O. Leistner, Chicago; Paul Berkowitz, representing H. Bayersdorfer & Co., Philadelphia, Pa.

H.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

CORSAGE PINS.

With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz. $0 15
Gross (12 doz.) 1 00

CORSAGE FOIL

Can be had in either green or violet color.

Per lb. $0 25
10 lbs. and over at 20
20 lbs. and over at 18

CORSAGE CORDS

(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

—Write for complete list of other items.—

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Cleveland.

INDICATIONS POINT TO GOOD EASTER TRADE.

It looks as though March is going out "like a lion," after a week of fairly good weather, which ended Sunday, March 28, in a snowstorm, rain and slush. There has been a slight increase over last week's sales, with advance Easter orders, which promises good business. Stock remains plentiful and quality uniformly good, with the exception of the keeping qualities of carnations which for several weeks have been poor, especially with some varieties, due perhaps to the sudden changes of the weather, both in temperature and cloudiness. Easter prices will be approximately the same as last year in most grades, and plenty of nearly every line and variety will be on the market, both in cut flowers and plants. Easter business is being advertised quite extensively both by individual firms, as well as by the advertising club, and Mrs. Ella Grant Wilson's writings in the Sunday papers. Wholesale houses have been busy the past week filling orders for supplies, such as baskets, mats, crepe paper, etc., for the decoration of Easter plants and flowers. The windows of all the downtown retailers are filled with choice Easter plants and cut flowers, attracting the passersby.

NOTES.

One nursery company and one retail florist's establishment went into bankruptcy during the past week. The Cassell Nursery Co. of Lakewood, O., filed a petition for discharge in bankruptcy and the hearing will take place before Judge John C. Clark, of the district court, at 9:30 a. m., April 24. The Clifton Floral Co. also went into bankruptcy. This store was located in Lake avenue, near Detroit street, and was owned jointly by Thos. Swinton and Harvey Vick, who have listed liabilities amounting to $1,446.84; assets not given.

The Smith & Fetters Co. had their large front and side show windows broken this week, due to the settling of the building on account of rebuilding, which has been going on for some time.

C. F. B.

Wholesale Flower Markets

PHILADELPHIA, March 31.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus, per bunch.	50

PITTSBURGH, March 31.	Per 100
Roses, Beauty, special	50 00
" " fancy	35 00
" " extra	20 00
" " No. 1	12 00
" Killarney	4 00@10 00
" My Maryland	4 00@10 00
" Sunburst	4 00@10 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	3 00
Carnations	3 00@ 4 00
Cattleyas	75 00
Lilium Giganteum	10 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00@ 2 00
Sweet Peas	75@ 1 00
Violets	50
White Lilac, per bunch.	75
Asparagus Sprengeri, per bunch.	35@40
" Sprays, per bunch.	35@40

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, March 31.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@10 00
" Ward, Sunburst	4 00@10 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@10 00
Carnations	3 00@ 5 00
Lilies	10 00@15 00
Snapdragon, per bunch, 50c @$1 00	
Sweet Peas	50@ 2 00
Valley	2 00@ 4 00
Violets	75@ 1 00
Tulips, Freesia	2 00@ 4 00
Daffodils, Trumpets	3 00
Romans, Paper Whites	2 00@ 3 00

BATTLE CREEK, MICH.—The monthly flower shows for 1915 of the Battle Creek Horticultural Society will be inaugurated with a display of tulips, hyacinths, daffodils, etc., in May.

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.
Case of 100 Bulbs, $6.95
300 Bulbs, $18.00
1200 " 70.00

C. S. & CO
NEW YORK

LILY OF THE VALLEY PIPS
1000 Pips, $15.00
2500 " 35.00
$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

TRADE CONDITIONS NOT ENCOURAGING.

The next feature will be Easter business and everybody is wondering what it will bring forth. The past week was not at all encouraging. If business had been good stock would have been scarce, but there was a surplus. Special American Beauty roses dropped to $20 per 100 and nearly every other stock in like proportion. The writer has at various times been requested to say something about the effect of flower shows on business in this city, and will say it now. The flower shows may be a great benefit to posterity, and to a few people who exhibit, but so far as we are advised, they do not benefit the wholesalers or retailers and we are very certain that they do not benefit the trade press, except that part of it that does the printing of their literature. We go on from week to week, getting the news as best we can. Just at a time when we expect some special business, one man tells us that he is spending $500 or $800 for space in the show and cannot afford to advertise; another says he has to buy 100 or 150 tickets to give to his customers, and cannot afford to advertise, and so it goes. As we have stated, these shows may be a great benefit to posterity, but the benefit to the live men in the trade of New York is not yet apparent. While stating the facts so far as we can get them, relating to flower shows, we have no prejudice. We have elsewhere noted the success of the late show. Secretary John Young states that already $10,000 worth of space has been ordered for the show of 1916. The date has not yet been fixed, but it seems certain that there will be a show and that it will be better than ever.

NOTES.

Several of the wholesalers have stocked up with Easter plants. J. K. Allen has a variety of fine plants. James Coyle has fine pot roses and other stocks. J. J. Coan, manager for the Growers' Cut Flower Co., has stocked up with a fine lot of plants.

George Bradshaw, of William Kessler's cut flower department, says that William Kessler is now the "lily king" of West 28th street. He certainly has some very fine stock, which is grown by Gerard Dryer of Elmhurst and Dreyer Bros. of Whitestone, N. Y.

P. H. Ditzenberger, foreman for H. E. Froment, has the sympathy of the trade in the death of his mother, which occurred March 26. Mrs. Ditzenberger was about 65 years old and is survived by a husband and several children.

J. K. Allen's new store is now about ready to be occupied. Carpenters, painters and steam-fitters have been busy for some time.

M. C. Ford continues to receive very fine carnations as well as American Beauty roses and much other fine stock.

The scores of the New York Florists' Bowling Club, March 25, were as follows:

J. Miesem	190	215	175
C. W. Scott	156	176	164
P. Jacobson	162	147	178
R. J. Irwin	152	159	156
H. C. Riedel	220	192	181
J. Fenrich	168	157	165
A. Schanzer	119	165	...
P. Meconi	166	173	...

A. F. F.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Buffalo.

EASTER STOCK PLENTIFUL.

Trade and weather have been varied, stock equal to all demands, with the tendency of all growers to send a smaller amount and hold back for Easter. Indications point to a fine lot of stock by nearly all the growers. Lilies, hydrangeas, tulips, daffodils, hyacinths, lilacs and the roses, ramblers, hybrids and climbers look very promising, and Buffalo has no fear of not being able to supply all calls. There seems to have been a lull in the business from all points and only the funeral orders kept the salesmen busy, but all are awaiting the rush for Easter, which all employed in the business, from the errand boy up, enjoy. The easter trade, it seems, brings a new life into all; perhaps weather and the flowers on sale give the inspiration, but nevertheless it exists.

NOTES.

Palm Sunday has got to be one day looked forward to by flower lovers who live anywhere near a greenhouse, where they can go and enjoy what will be offered to the people at Easter. S. A. Anderson for several years has made Palm Sunday a feast day for flower lovers, and before any plants are removed from his greenhouses, an invitation is extended to everyone to visit his place. Invitations are sent out, and also extended through the daily papers. This year the day was perfect and the number that visited his place, and the number was in the thousands, showed beyond any question of a doubt that the public appreciated his doing as he did. A rose was given to each of the visitors as they departed, grown persons and children alike. The latter, all should try and please, for their impressions are almost always lasting. It certainly behooves the man who has a greenhouse in the city to so arrange his place for Palm Sunday. Visitors, and those who cannot buy, can enjoy one of the most beautiful, attractive and instructive exhibits without cost to the grower, but a joy to the visitor that money cannot buy.

Visitors: Philip Breitmeyer, Detroit, Mich., who looks forward to a big Easter trade.

BISON.

Low Plant Prices.

The MacNiff Horticultural Co. is advertising at 60 cents per line in the New York Examiner for the retail trade on the following basis: Hyacinths, 10 cents each, azaleas at 60 cents, and they show illustrations of these in bloom.

FAIRMOUNT, ILL.—W. L. Leeka was stricken with paralysis, March 6.

SANTA ROSA, CALIF.—May 7-9 have been selected as the dates for the annual rose carnival to be held in this city. Walter M. Nagle is secretary of the organization having the affair in charge.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Columbus, O.

EXCELLENT EASTER SUPPLY.

At no time within several years has the Easter season seen such an ample supply of flowers. This applies to practically everything that enters into the trade. There is no scarcity in sight in any article. Further, stock is of excellent quality. A concern which makes a specialty of Easter lilies believes it has the finest yield in its history. The largest firm of general growers in central Ohio lays particular stress on the abundance and beauty of its American Beauty roses. Sweet peas are in perfection. Bulbous stock is shown in the greatest profusion. The effect of this heavy supply has been to lower prices slightly, but this appears to be made up for by increased sales. Recent addition of several new retail concerns is stimulating everyone to force their goods upon the public in more attractive form. The florist business of the city has come into greater importance.

NOTES.

The formal opening of T. J. Ludwig's new flower store, designated as the "Flower Shop Beautiful," occurred March 25. The wealth of display and the elegance of appointments made it a notable event. A large crowd of people came in response to the printed invitations that had been sent out.

J. K. ALLEN Established 1878
106 West 28th Street
New York
Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer
Phones 1664 Madison Square, 1665 Madison Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
131-133 W. 28th St., NEW YORK
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi
Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

John J. Reynolds, Mgr. Phone Madison Sq. 4490
HUGH H. NELSON
Wholesale and Commission Florist
103 West 28th Street, NEW YORK

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Wholesale Flower Markets

NEW YORK, March 31.	Per 100
Roses, Beauty, special	15 00@20 00
" " extra and fancy	10 00@15 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	5 00@10 00
" Prince d'Arenberg, special	8 00@10 00
" Francis Scott Key, special	8 00@10 00
" Mrs. Geo. Shawyer, special	5 00@ 8 00
" " extra	3 00@ 4 00
" " No. 1 & No. 2	1 00@ 3 00
" White Killarney, special	6 00@ 8 00
" Killarney, My Maryland	
" " special	5 00@ 8 00
" " No. 1 and No. 2	1 00@ 3 00
" " Queen, special	5 00@ 8 00
" " Brilliant	1 00@ 6 00
" Aaron Ward	1 00@ 8 00
" Richmond, special	1 00@ 8 00
" Sunburst	1 00@ 8 00
" Taft	2 00@ 6 00
" Milady, special	2 00@ 8 00
" J. L. Mock	3 00@10 00
" Hadley	3 00@25 00
" Ophelia	3 00@12 00
" Mrs. Chas. Russell	2 00@12 00
Carnations	1 00@ 3 00
Cattleya Orchids, special	25 00
" " inferior grades	15 00@20 00
Jonquils	1 00@ 2 00
Lilies, Longiflorum and Harrisii	3 00@ 8 00
Lily of the Valley	50@ 2 00
Tulips	1 00@ 2 00
Violets	15@ 35
Gardenias....per doz., $1.00@$2.00	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	2 50
Smilax.....doz. strings.	1 25@ 2 00
Paper White Narcissus.doz., $1.50@$2.00	
Sweet Peas, per doz. bunches.	.35@ .50
" " Spencer type, 100 flowers.	.50@1.00
White Lilac .....per bunch.	50@ 75

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
57 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.

Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer
WHOLESALE FLORIST
103 West 28th Street, NEW YORK
Mention the American Florist when writing.

Mayor Karb has ordered that hanging baskets containing flowers shall be suspended from the cluster light stands in front of the twenty-acre space in which the state capitol building is located. If the result proves as attractive as expected the plan will be extended to other parts of the downtown district.

The Columbus Floral Company, the big wholesale growers south of the city, has a new manager in the person of Edmund Rudensdorf, who is believed to be just the right man for this modern plant. He comes from St. Louis, where he had a high reputation as a thorough florist.

A local shoe store gave away 2,000 carnations as an Easter greeting, mostly through distribution to female help in the office buildings and stores.

John Konig, a vegetable grower at Valley Crossing, a short distance below this city, is making an addition to his glass space.

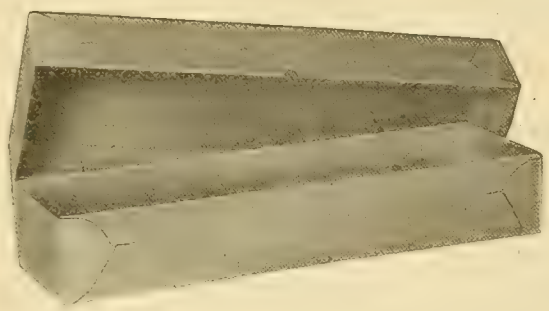
C. C. J.

WICHITA, KAN.—Chas. P. Mueller has received the nomination for member of the school board.

CEDAR RAPIDS, IA.—Bain Brothers, who are largely interested in the Pollard Floral Co., with greenhouses in Twenty-seventh street, have leased a store in the Montrose hotel and have opened an artistic, up-to-date flower shop, with Miss Marjorie Dodge in charge.

BALLINGER, TEX.—The Nussbaumer Floral Co., of San Angelo, Tex., held a flower show in this city March 19-20, under the auspices of the ladies' society of the First Presbyterian church.

TIFFIN, O.—The Ullrich Greenhouses were sold at administrator's sale March 20 to Frank M. Schramm, well-known florist of Toledo, O., the consideration being $13,000. The transfer includes all of the real estate, but does not include growing stock.



YOU get both quality and style in SEFTON FLOWER BOXES, at no greater cost. There's no better advertisement than a smart, distinctive package; we insure this for you with the right materials, finished in handsome, non-fading shades. Ask your paper jobber.

You ought to have our Catalog (illustrated in colors) also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street, CHICAGO, ILL.

Providence, R. I.

Everyone in the trade the past week has been working at top speed getting read for the Easter business, which it is hoped will be good this year. It was a surprise the way the St. Valentine business was this year; it was fine, and it is hoped that the Easter trade will be as good, and from all indications it will be. All stock is at its best now, and from all appearances the bulbous stock never was better. Violets will be the only flowers this year that we will not be sure of, as the weather will have a great deal to do with them. The stores are arranging the interiors to handle the stock of plants that they will carry. Sweet peas will be fine, as will lily of the valley and roses. Bulbous stock will not advance much in price, and will be excellent. The department stores and markets will be stocked up as usual with the cheaper line of stock, and cutting prices as much as ever.

NOTES.

Phillip Lavery is now in charge of J. B. Canning's greenhouse on Smith street. Mrs. Canning will continue the business on account of her husband illness.

The Westminster Greenhouses have a new delivery auto that makes a fine appearance. Their Easter stock will be among the finest in town this year.

The seed stores have had their hands full of work for the past few weeks. Their busy season has now started.

The street fakirs have been in evidence for the past few weeks, selling violets and daffodills at 10 cents a bunch.

The florist club held its meeting March 22, in their rooms on Westminster street.

The stock of Fred Hoffman, Pawtucket, is among the finest to be seen anywhere.

Henry Patrie, formerly with Johnson Brothers, is now with Smith, the Florist.

Miss O'Connor has opened her new store on Thayer and Cushing streets.

H. A. T.

Newport, R. I.

The writer saw in a recent issue of THE AMERICAN FLORIST that the Chicago Horticultural Society had adopted resolutions denouncing the erection of a state armory in Lincoln Park, some of the members claiming that public grounds should be held for all the people and not for classes or sections. This seems to be a stand well taken, and the writer would suggest following in the same line to protest against allowing people to donate band stands, drinking fountains and all other fixtures connected with parks as a memorial to themselves or others' memory, not of national prominence, as is a case with us in Newport, where like memorial donations have been erected in the parks, and seem to give to the parks an aspect of a cemetery.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.

16-18-20-22 South Peoria St., CHICAGO

The Newport Garden Club and the Newport Horticultural Society will hold an outdoor show August 12-14, on a vacant lot on Bellevue Avenue. The schedules are now in the hands of the printer. This makes four shows to be held in Newport the coming summer, the other three being the Newport Horticultural Society's rose show in June, the American Sweet Pea Society's exhibition, July 8-9, and that of the American Gladiolus Society, August 18-19. The two latter shows are held under the auspices of the garden club and the horticultural society.

The shop keepers of Newport, March 26, held what was called the "dollar day." Prizes for best window exhibits were awarded, and in many stores articles were sold for one dollar that were worth more. All the local florists arranged handsome window displays for the occasion, but no florist seemed to grasp the chance to advertise by selling some kind of flowers or plants at a bargain.

Charles D. Stark, a gardener here on one place for 28 years, was selected by the park commission as park superintendent, from several applicants for the position. In past years the work of caring for the parks has been done by a contractor, but the commissioners now figure that they can do the work better, and at less expense, with a superintendent, hence the change.

The proverbial saying of "March coming in like a lion and going out like a lamb," got a twist in this locality to read that it "came in as a lamb and went out as a lion."

J. J. B.

WICHITA, KAN.—Indirectly the city of Wichita will lay $100 worth of flowers and decorations on the graves of civil war veterans on Decoration day, May 30. It has been an annual custom of the city, the gift being provided for by state law. The state has made it possible for civil war veterans to receive material aid in memorial observances.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.

High Grade Floral Publicity.

224 So. Michigan Ave., Chicago, Ill.

Mention the American Florist when writing.

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing.

Southern Wild Smilax

New Crop now ready for shipment, $2.50 per case

Natural and Perpetuated Moss.

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA.

Mention the American Florist when writing.

BUCHBINDER FLORISTS' REFRIGERATORS

Write to Dept. C3 for Catalog.

BUCHBINDER BROS.

MANUFACTURERS

518 Milwaukee Ave., - Chicago, Ill.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing.

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. Ltd. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing.

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing.

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing.

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n.

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. T. J. JOHNSTON & CO. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

.:.:.FLOWERS.:.:.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery

—OF—

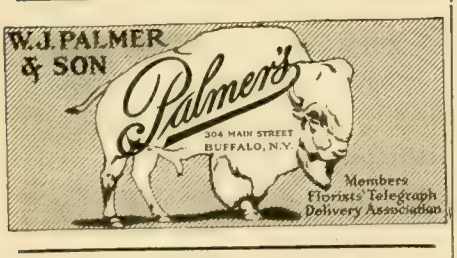
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for FLOWERS. Delivered to all parts of the country. Special care, select and artistic work.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

913 Grand Avenue

All Orders Given Prompt and Careful Attention

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing.

Kansas City, Mo.

Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

Mention the American Florist when writing.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing.

Washington, D. C.

Blackistone.

14th and H. Street.

JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

Mention the American Florist when writing.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegtaph Delivery.

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing.

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing.

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best Dunlop's

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist
1223 W. Madison St. CHICAGO

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

Little Rock, Ark.
PAUL M. PALEZ,
FLORIST,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
Mention the American Florist when writing.

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St,, Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders
Member of The Florists' Telegraph Delivey.
Mention the American Florist when writing.

DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.
DULUTH, MINN.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF **HEINL'S**

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MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.
Member of The Florists' Telegraph Delivery.

Memphis, Tenn.
The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.
ROCK'S FLOWERS
Members Florists Telegraph Delivery Ass'n

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C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.
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"Some Florist"
16 N. 6th St., Ft. Smith, Ark
Mention the American Florist when writing.

Houston, Texas.
Robt C. Kerr Floral Co.
Main and McKinney Phone, Preston 160

PHILADELPHIA and VICINITY.
The London Flower Shop, Ltd.
1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

DENTON FLORAL CO., DENTON, TEX.
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Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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CANADA'S LEADING FLORISTS
F. T. D. Members 266 Yonge St.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

Funeral Emblems Cut Flowers
Brown Bros. & Co.,
Ltd.
FLORISTS, NURSERYMEN AND SEEDSMEN
Bulbs Seeds
48 Hastings St., E.,
Vancouver, B. C.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
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Artistic Floral Work and Long Stem Beauties Our Specialty.

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Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc.
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Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Delivery.

Vaughan's Flower Seeds

Sweet Peas

SPENCER VARIETIES

WHITE	Oz.	¼ lb.	Lb.
King White. Best white	$0.60	$2.00	$8.00
White Spencer	.25	.85	3.00
PINK			
Countess Spencer. Clear pink	.20	.70	2.40
Blanche Ferry. A giant type of Spencer form, with rose standard, and wings white suffused and tinted with light pink	.20	.60	2.00
Elfrida Pearson. Large pale pink flower, the buds and young flowers having a distinct tint of buff	.25	.85	3.00
Florence Morse. Standard richly flushed with a beautiful distinct shade of pink; wings soft blush pink	.20	.60	2.00
Rosabelle. A very fine large rose-colored flower, giant size and a strong grower producing abundance of sprays of fours	.60	2.00	8.00
Hercules. A pale rosy flower of giant size	.60	2.00	8.00
Mrs. Cuthbertson. Standard rose pink, wings white	.30	1.00	4.00

LAVENDER	Oz.	¼ Lb.	Lb.
Asta Ohn. A soft pinkish lavender self	.20	.70	2.60
Florence Nightingale. Bluish lavender	.25	.85	3.00
Margaret Madison. A beautiful self-colored azure blue. A lovely shade	.30	1.00	4.00

GRANDIFLORA VARIETIES

WHITE	Oz.	¼ Lb.	Lb.
Dorothy Eckford. One of the best whites	$0.10	$0.20	$0.60
Nora Unwin. Giant white	.10	.30	1.00
PINK			
Gladys Unwin. Pale rosy pink	.10	.30	1.00
Lovely. Soft shell pink	.10	.25	.90
Prima Donna. Soft pink	.10	.25	.85
LAVENDER			
Frank Dolby. Largest and finest pale blue	.15	.45	1.50
Flora Norton. A very bright blue	.10	.25	.90
Lady Grisel Hamilton. Lavender	.10	.25	.80

For Complete List of Flower Seeds see our "Spring Book For Florists."

43 Barclay Street, NEW YORK — **VAUGHAN'S SEED STORE,** 31-33 W. Randolph Street CHICAGO

500,000 'Mum Cuttings

Some ready now. Chadwick Improved, $3 00 per 100; $25 00 per 1000. W. H. and Golden Chadwick, Chrysolora, Major Bonnaffon, Yellow Eaton, Chas Razer, Lynwood Hall and Dr. Enguehard, $2.00 per 100; $15.00 per 1000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12.00 per 1000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100 250 at 1000 rate.
Orders booked now for future delivery.
Ask for prices on large amounts.

Morris Floral Co., Morris, Ill.

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000. Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1 00. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft	$1.00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½-ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Spring List **Roses**

Ferns, Plants, Vines, Bulbs, Etc.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD, OHIO.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Boston Fern, 2¼-in pot, $4.00 per 100, $35.00 per 1000.
Teddy Jr. Fern, 2¼-in., $6 00 per 100, $60.00 per 1000.
Scholzeli and **Scottii Ferns,** 2¼-in. pots, $5.00 per 100.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Begonias, Tuberous Rooted, Single, seperate colors, $3.00 per 100.
" " " " mixed colors, $2.25 per 100.
" " " Double, separate colors, $4 50 per 100.
" " " " mixed colors, $4.00 per 100.
" " " Single Frilled, separate colors, $7.00 per 100.
English Ivy, 4-in. pot plants, 3 ft. tops, $12.00 per 100.
" " 3-in. pot plants, 2 ft. tops, $9.00 per 100.
Genista Racemosa, fine shape for Easter, 4 in. $2.25 per doz., $16 per 100.
Gloxinias, separate colors, $4.00 per 100.
Hydrangea Otaksa, 6-in., 4 to 6 shoots, $25.00 per 100.
" " 8-in., 6 to 8 shoots, 50.00 per 100.
Pelargoniums, 3-in. pot plants, 10 varieties, $10 00 per 100.
Vinca Variegata, 4-in. pots, fine tops, $10.00 per 100.
" " 3-in. pots, " " $7.00 per 100.

THE STORRS & HARRISON CO., Painesville, Ohio.

If you are short of Blooming Plants, such as
Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,
Wire your order to
GEO. A. KUHL, WHOLESALE GROWER. PEKIN, ILL.

For the Best New and Standard
DAHLIAS
Address
Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

CARNATIONS
F. DORNER & SONS CO.,
LaFayette, - - Indiana

GERANIUMS

Delivery March 29th to April 15th. Guaranteed to reach you in good order to any point reached within fifty hours.
S. A. Nutt, $12.50; **Ricard** and **Poitevine,** $15.00 per 1000.
30,000 Plumosus, extra fine at $25.00 per 1000.
Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

CARTERS SEEDS are being liberally exploited in American advertising mediums, golf journals and the like.

CHICAGO.—Prices for grass seed on the Board of Trade March 31 were as follows: Timothy, $5.00 to $6.50 per 100 pounds.

SANTA ANA, CALIF.—The Haven Seed Co. says the tomato acreage will be normal and the plants are now looking well. This firm anticipates a good season.

HOUSTON, TEX.—Louis B. Schulte, president of Reichardt & Schulte, Inc., seedsmen, of this city, died here, March 19, as recorded in our obituary column in this issue.

ST. PAUL, MINN.—L. L. May & Co. report inquiries very brisk and that some stocks are running low. The mail order business has been retarted by cold weather.

BRANDON, MAN.—The A. E. McKenzie Co. says ever since the distribution of the annual seed catalogue in January last it has been favored with a good line of business.

THERE has been a drop of 25 per cent in the price of medium red clover seed since the high point of last fall, the present price ranging from $12 to $14 per 100 pounds.

ROCHESTER, N. Y.—James Vick's Sons are much pleased with the way the mail trade is running at the present time. In spite of the severe weather this firm reports being ahead of last year.

ONION SETS.—The general market of onion sets is on the decline, verifying the article printed in these columns a few weeks ago. The demand continues good at about $1 per bushel all around, reds, if anything, being a trifle the lowest.

ST. LOUIS, MO.—The St. Louis Seed Co. says mail orders are two weeks ahead of last year and in general they run better. Counter trade, up to the present time, has been very heavy even with the cool weather experienced during the past two weeks.

VAUGHAN'S SEED STORE says its mail orders at Chicago for the past three months of 1915 are averaging a good percentage heavier than in previous years, with less advertising, while at the New York house this business is running about even with its previous year's trade.

N. B. KEENEY & SON, of LeRoy, N. Y., are inviting seedsmen returning from the San Francisco convention to stop off at Hamilton, Mont., to inspect their pea seed trials, routing them over the Northern Pacific or the Chicago, Milwaukee & Puget Sound railroads on the homeward trip, adding that it will be necessary to specify the route in purchasing transportation.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½ inch staves and 17⅛-inch heads, head material not thicker than 2-5 of an inch.

BIRMINGHAM, ALA.—Damage estimated at about $2,000 was caused by fire, March 18, in the McVay Seed Company's store, 2018 First avenue. The fire destroyed a quantity of imported seeds, but did little damage to the building itself. The loss is fully covered by insurance.

OWING to the prevalence of a malignant disease in Indian corn from Java and India the secretary of agriculture, under the plant quarantine act, has forbidden the importation of corn from Java, India or Oceania, except Australia and New Zealand, effective March 8, and until further notice.

ATLANTA, GA.—The Georgia Products Co., recently organized for the purpose of handling exclusively Georgia grown food products, announces the opening of a seed store next to its present quarters on Forsyth street. The seed department will not be confined strictly to Georgia products.

PHILADELPHIA, PA.—W. Atlee Burpee & Co. say: "Although there were several days during the early part of March when it looked as if the mail order business would not be up to a year ago, yet the past couple of weeks have brought in a number of orders which compare very favorably with the volume of business we did a year ago. Our applications for catalogues show a decided increase and up to date we have a great many more copies of the catalogue out than had been distributed at this time in 1914. On the whole it now looks as if the mail order seed business is going to be fully equal to, if not better, than 1914."

American Seed Trade Association.

SAN FRANCISCO CONVENTION PLANS.

The programme and preliminary itinerary, subject to alteration, for the annual convention of the American Seed Trade Association at San Francisco, Calif., June 22-24, 1915, has been issued and is as follows:

The Inside Inn on the Exposition grounds has been chosen as convention headquarters, and the business sessions of the association will be held in the parlor of the Inn. A definite arrangement has been made with the management for rates as follows:

Outside rooms, without bath—Single, $2.50, $3.00; double, $3.00, $3.50, $4.00.

Outside rooms, with bath—Single, $3.00, $4.00, $5.00; double, $4.00, $5.00, $7.00.

Suites of two communicating rooms with private bath, accommodating three or four persons, $8.00, $10.00 and $14.00 per day.

An additional charge of 50 cents per day is made for admission to the exposition grounds, which serves as a pass for as many admissions during the day as one cares to take.

PROGRAMME.

Sunday, June 20—Rest and sight seeing.

Monday, June 21—Afternoon, guests of local seedsmen; auto trip about city. Evening, 8 to 10 o'clock, reception at residence of President Morse.

Tuesday, June 22—Morning, sessions of convention.

Wednesday, June 23—Morning, sessions of convention. Evening, annual banquet at rooms of San Francisco Commercial club.

Thursday, June 24—Morning, sessions of convention.

Friday, June 25—Leave San Francisco, 7:45 a. m., arrive Gilroy, Calif., 9:50 a. m., balance of the day to be spent in auto trip to local seed ranches, with barbecue served in front of old San Juan Mission, with Waldo Rohnert in charge.

Saturday, June 26—Forenoon, visit local seed ranches in Santa Clara valley. Afternoon, return to San Francisco and disperse.

RATES.

Via Santa Fe Ry.

Chicago to San Francisco and return	$ 62.50
New York (Standard Lines)	98.80
New York (Differential Lines)	94.30
Boston (Standard Lines)	103.70
Boston (Differential Lines)	97.70
Philadelphia (Standard Lines)	95.20
Philadelphia (Differential Lines)	92.95

ITINERARY.

June 12	Leave Chicago	8:05 P. M.
June 15	Arrive Grand Canyon	6:00 A. M.
June 15	Leave Grand Canyon	7:40 P. M.
June 16	Arrive Redlands, Cal.	1:00 P. M.
June 16	Leave Redlands, Cal.	3:00 P. M.
June 16	Arrive Riverside	4:00 P. M.
June 16	Leave Riverside	11:00 P. M.
June 17	Arrive San Diego	7:00 A. M.
June 17	Leave San Diego	11:59 P. M.
June 18	Arrive Los Angeles	7:00 A. M.
June 19	Leave Los Angeles, morning, making stops en route at Oceana, and possibly Lompoc, arriving in San Francisco late Saturday night or early Sunday morning, June 20.	

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

P-W S Co.

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only:
ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's

SEEDS AND BULBS

ASK for a copy of our Bulb Catalog and special prices to florists.

Also ask us about our "below-the-market" specialties and watch for our column announcements.

J. M. THORBURN & CO.

In business since 1802

53 Barclay Street, New York

KENTIA SEED

FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,

The Import House

17 Murray Street, NEW YORK

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

French Bulbs

IMMORTELLES (Natural)

Direct from the largest and best growers in Southern France.
Lowest prices, quality considered.
Buyers should make their needs known as early as possible.

White Roman Hyacinths, Narcissus Grandiflora, Narcissus Trumpet Major, Freesia Refracta Alba, Etc.

Vve. Trevant & Co.

Bureau rue des Cypres, 6bis., MARSEILLES, FRANCE.

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50; 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

TOBACCO STEMS. Bales (200 lbs. more or less), per 100 lbs., $1.35. Write for prices in larger quantity. Prices subject to market changes.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO

VALLEY

Chicago Market Brand, best Valley in existence, giving the best results all year 'round,
$15.00 for 1000; $8.00 for 500; $4.50 for 250; $2.00 for 100.

Florist Money Maker Brand, best Valley at moderate prices,
$13.00 for 1000; $7.00 for 500; $4.00 for 250.

H. N. BRUNS, 3032 Madison St., Chicago

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and German.

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

BEANS, PEAS, RADISH

and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS

GROWERS FOR THE TRADE

Write for Prices

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

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Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited. Swedesboro, New Jersey

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing.

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

Mention the American Florist when writing.

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,

Contract Seed Growers

LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing.

Gladiolus Bulbs

MRS. FRANCIS KING.

For Forcing and Field.

	Per 1000
Mrs. Francis King, First size	$ 9.00
(3000 for $25 00)	
Mrs. Francis King, Medium size	7.00
(3000 for $19.00)	

Thick, Healthy Bulbs Grown by Us.

Augusta, First size	12.00
Augusta, Medium Size	10.00
America, First size	12.00
America, Medium size	10.00
Hyde Park	60.00
Princeps	30.00
Baron J. Hulot	30.00

Special "Counter" Mixture

We are large Growers of Gladiolus and are therefore able to make up this mixture of choice varieties, all large bulbs, which, in view of the present popularity of Gladiolus among amateurs, sell freely for the next two months over the retail counter.

Price, 500 Large Bulbs $3.75; per 1000, $7.50.

BEGONIAS.

	Per 100	Per 1000
Single, separate colors	$2.50	$20.00
Double, separate colors	3.50	30.00

CALADIUMS.

	Per 100	Per 1000
5-7 inch	$ 1.75	$15.00
7-9 inch	3.50	30.00
9-11 inch	6.00	55.00
12 inch and up	14.00	125.00

Cold Storage Lilies.

	No. in case	Per 100	Per 1000
Giganteum, 7-9 inch	100	$6.00	
Giganteum, 7-9 inch	300		53.00
Giganteum, 8-10 inch	225		75.00
Giganteum, 9-10 inch	200		90.00

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

Woolworth Bldg., New York City

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons

Seedsmen

ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

King Humbert Cannas

Large dormant roots, $3.00 per 100; $25.00 per 1000. 3 in. pot plants ready for a shift into 5 in., $5.00 per 100; 4 in. plants, $8 00 per 100.

Satisfactory references or cash.

W. W. COLES, Kokomo, Ind.

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CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Fancy Caladium Bulbs

4000 extra large bulbs in 41 named sorts at $10.00 per 100. For immediate delivery.

Tampa Floral Co., Tampa, Fla.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.

Card brings a Catalogue

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
[illegible] Sets, Seed Potatoes

[illegible] of Pedig[illegible] Seeds **Baltimore, Md.**

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting **ONION SETS.**

Schilder Bros., CHILLICOTHE, OHIO.

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers. FISHKILL New York

Mention the American Florist when writing.

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz 15c. Mexican Blue, white each, ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon). Giant — Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each ¼ oz 20c. Mixed ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety, Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink. Lavender and White. Trade pkt 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers very popular with florists Trade pkt. 25c., ¼ oz. 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink. Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red. ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered. double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 25c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1 00. Single large flowered fringed, trade pkt. 50c. Giants of California, trade pkt, $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c Single striped and blotched. ¼ oz 35c. Single mixed, ¼ oz. 15c. Howard's Star. ¼ oz., 50c.

Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz $1.00. Scarlet and Striped ¼ oz. 40c. oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c.

The Storrs & Harrison Co.

Painesville, Ohio.

Mention the American Florist when writing

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

Mention the American Florist when writing.

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

Weiland & Risch
154 N. Wabash Ave., CHICAGO

Mention the American Florist when writing.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, March 30.—Mushrooms, 50 to 55 cents per pound; lettuce, 20 cents per box; radishes, 25 cents to 50 cents per dozen bunches; asparagus, $1.00 per dozen bunches; celery, 12 stalks, 15 cents to 25 cents; cucumbers, $1.00 to $1.30 per dozen.

New York, March 30.—Cucumbers, 90 cents to $1.25 per dozen; mushrooms, 65 cents to $1.50 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.50. Lettuce, per dozen, 10 cents to 40 cents.

Fertilizers.

The embargo on potash has embarrassed our fertilizer formulas. Most manufacturers refuse the high-grade formulas, limiting potash to two or three per cent in mixed goods, furnishing no raw potash. This knocks out home mixing. Some agricultural writers claim that large percentages of potash are entirely unnecessary; in fact, forced upon us by the potash syndicate. Our experience is not in line with these opinions. With us, potash has been the determining element, which we believe covers the trucking business generally. Other writers advise the use of lime as a help in liberating existing potash in our soils. To this we can subscribe most heartily as we have had remarkable returns from the use of lime on limestone soils, old and worn out. Of course, we have used manure liberally for five and six years past, which greatly changes the composition. Lime in some form is not friendly to some fertilizers, hence we should arrange to separate the two as much as possible. One way is to broadcast the lime and harrow it in and then plant the crops, applying the fertilizers later in the season between the rows and cultivating them under. While the opposite method can also be employed, broadcast the fertilizer in the spring, harrow it in and apply the lime in the summer between the rows. We used this latter method in the celery fields with excellent results. Raw, pulverized limestone is less objectionable than hydrated, air-slacked, or caustic lime; in fact, we would not be afraid to use raw lime and fertilizers together. Twice as much raw lime should be used as of the other forms, as its action is milder and slower and chances for harm are very small indeed. From 1,000 to 2,000 pounds per acre is a good application of the caustic limes, and two tons can be used of the raw lime—natural pulverized rock. Unleached wood ashes supply both lime and potash.

MARKETMAN.

MEMPHIS, TENN.—A section on the main floor of the Cossitt library has been set apart for books and prints on flower gardens. Open shelves are filled with volumes of modern works on all phases of flower culture.

Two Serious Bean Diseases.

The blight and anthracnose of garden and field beans caused a loss in Michigan alone estimated at $2,000,000 or 20 per cent of the crop of 1913. This state does not stand alone, for similar conditions obtain in other bean-growing sections. It is becoming more difficult each year to secure bean seed free from one or both of these diseases. In view of these facts, it is highly important that the diseases be more thoroughly recognized and that the best available methods of control, some of which must be begun in the early cultivation of the plants, be understood and put into practice.

Bean anthracnose is caused by a fungus which attacks the stems, leaves, pods and seeds of the plants. On the stems and leaf veins it causes elongated, sunken, dark-red cankers, sometimes killing young plants and often producing deformed and yellowed leaves. Rounded or irregular sunken spots with a slightly raised rim are produced on the pods. The spots usually have pink centers surrounded by a darker reddish border. In severe cases the pods may be entirely covered by the sores and produce no seed. In other cases the fungus penetrates the pods and enters the seed, causing dark, sunken specks or spots. In these diseased seed, as well as in the refuse from diseased plants, the fungus is propagated from season to season.

The bean blight differs from anthracnose in several ways. It is caused by a bacterial organism. On the leaves it produces irregular, diseased areas which at first have a water-soaked appearance, later dry out and become brown and brittle. The entire margin or half of a leaflet is often affected. On the pods the disease starts as slightly raised and watery pustules, which later enlarge, become of irregular shape and amber color with yellow centers. Infected seed show yellow diseased blotches or are entirely yellowed and shriveled.

Both diseases cause serious losses in the snap bean trade. Diseased pods are unmarketable and must be sorted out. If but a few slightly spotted pods are packed in a basket, the disease may spread during shipment, causing additional loss and necessitating extra sorting before the beans can be sold to the consumer. In the seed bean trade all beans must be hand-picked to get out the discolored diseased seeds. From 15 to 30 per cent of diseased beans are frequently sorted out, involving heavy loss of beans as well as the cost of sorting. Diseased beans used for seed usually give a poor stand and result in the production of a badly diseased crop.

It has been conclusively demonstrated that anthracnose can be avoided by a careful system of seed selection. Save seed from perfectly healthy pods, selected with great care for entire absence of spotting. Carefully keep them away from diseased pods, shell by hand to avoid reinfection, and plant on clean land. Pull and burn any plants showing disease. By planting the seed thus secured enough disease-free seed can be secured to plant the whole crop.

In the absence of such disease-free seed (1) secure for planting, seed having the least possible amount of disease, as shown by actual examination; (2) all seed should be hand-picked and no seed showing the slightest discoloration should be planted; (3) practice crop rotation, never plant beans on land where the same crop grew the previous season; (4) do not cultivate or walk through the bean field, or pick beans while wet with dew or rain. If the disease is present, it is then easily spread from one part of the field to another. The bean blight is more difficult to control than anthracnose, but the same methods will give the best results at present available.

Plant Disease Control Progressing.

In its investigation of various plant diseases, the bureau of plant industry of the United States department of agriculture has found a practical method of controlling apple powdery mildew by pruning and spraying. It has also studied the peach leaf curl, which is a serious source of loss; the possibility of preventing cranberry diseases, the citrus canker and sugar beet and sweet potato diseases. Successful methods of controlling the latter have already been demonstrated to growers, and a bulletin on the subject issued. Promising methods of overcoming the potato powdery scab have also been developed. This disease, while confined to Maine and a small portion of New York, appears to be more virulent in this country than abroad. Progress in the development of a variety of cotton suitable to boll weevil conditions has also been encouraging.

7-Yr.-Old Asparagus Roots

Eat your **Asparagus** this May and June and don't wait 3 years for your crop, if you plant 2-year-old roots. I guarantee these roots to produce abundant Asparagus this spring if planted now to establish in the ground. Also 1, 2 and 3 year **Asparagus Roots, Rhubarb and Horse Radish Roots, Privet and Strawberry Plants.**

Warren Shinn, Woodbury, N. J.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark **American Spawn Co. St., Paul, Minn.**

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

DREER'S
Snow-Ball Petunia

A most select double white variety and a valuable plant to grow for summer cut flowers. We offer thrifty stock plants, which will furnish an abundance of cuttings in a short time, 3-inch pots, 85c per doz.; $6.00 per 100.

HENRY A. DREER
714-716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only.

A Few Good Things You Want.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia. 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

ALL Nurserymen, Seedsmen and Florists wishing to do business with Europe should send for the

"Horticultural Advertiser"

This is the British Trade Paper, being read weekly by all the horticultural trade; it is also taken by over 1000 of the best continental houses. Annual subscription, to cover cost of postage, 75c.

As the H. A. is a purely trade medium, applicants should, with the subscription, send a copy of their catalog or other evidence that they belong to the nursery or seed trade.

Money orders payable at Lowdham, Notts.

Address **Editors of "H. A."**
Chilwell Nurseries, LOWDHAM, Notts, England

Woonsocket, R. I.

The three flower stores here are kept fairly busy with funeral work and the greenhouses all do a little. It is considered by all that this business is overdone here, as most of the population is composed of low wage earners.

Chipman's Greenhouses, the pioneer firm here, sells its entire product from the houses at retail.

A. Darling has severed his connection with John Patterson, of Ashton.

W. H. Flye has a large crop of lilies.

A. W. Vose has a new foreman.

Akron, O.—W. H. Hutchings, formerly with the Gilbo Floral Co., will open a flower shop at 274 South Main street, this city, to be known as the Akron Flower Shop.

Houghton, Mich.—The Pearce Floral Company arranged a very attractive Easter display of plants and flowers for the public of this city. The stock, grown at the greenhouses at Lake Linden, Mich., was in splendid condition.

IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in. 25c
" " " 18-in. 45c
" " " 30-in. 2.00
Pyramids, 36-in. $1.75
" 42-in. 2.25
" 48-in. 3.25
Globes, 18 by 18-in. 3.00

Rhododendrons, good forcing varieties, bright colors, clean foliage, 8 to 12 buds, 60c each; 12 to 16 buds, $1.00 each.

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Magnolia Soulangeana, Speciosa and Lennei, 4 to 5 feet, full of buds, balled and burlapped. $1.50 each.

Magnolia Halliana, (Stellata) 2½ in. to 3 ft., very bushy and full of buds, balled and burlapped. $1.50 each.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

Rhododendron, Pink Pearl, one of the finest forcing propositions, fine plants, beautiful foliage and nicely budded, $1.25 each.

The Storrs & Harrison Co., Painesville, Ohio.

Geraniums

S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.
S. A. Nutt and 5 varieties, 3-in. pots, April 15th, $4.00 per 100.
Cannas, Dry bulbs, 1 to 3 eyes of Allemania, Italia, Vaughan, Patry, at $1.25 per 100.
Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.
Coleus, 10 varieties, April 1, 2½-in. pots, $2.00 per 100.
Alternantheras, red and yellow, April 1, $2 00 per 100.
Pansy Plant, Giant flowering, transplanted plants, $1.50 per 100.
Petunias, from double seed, April 1st, $2.50 per 100.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

Some Excellent Stock
For Potting After Easter.

To have ready for bedding out and Memorial day trade. Liberal extras for early orders.

Large 2 and 2¼-inch pot **Geraniums,** Henderson, Viaud, Ricard, Nutt, Grant, Montmore, Perkins, Meehan, Buchner, La Favorite etc. etc. Special Price, $2.25 per 100, $20.00 per 1000. Try some.

Size of pots.		Per 100	1000
2¼ in.	**Heliotropes,** 3 varieties	$2.75	$25.00
2¼ in.	**Marguerites,** white and yellow.	2.50	22.50
2¼ in.	**Fuchsias,** 15 varieties	2.75	25.00
2¼ in.	**Abutilons,** 8 varieties	2.50	22.50
2¼ in.	**Petunias,** double, 12 varieties	3.00	25.00
2¼ in.	**Salvias,** Bonfire and Splenden.	2.50	22.50
2¼ in.	**Vinca Variegata**	3.50	30.00
3½ in.	**Vinca Variegata** and **Green**	6.50	60.00
2½ in.	**Asparagus Plumosus**	3.00	25.00
4 in.	**Asparagus Plumosus**	7.50	70.00
2½ in.	**Asparagus Sprengeri**	2.50	22.50
3 in.	**King Humbert Cannas**	4.50	40.00
	Funkia, Variegata clumps	5.00	45.00
	Choice mixed **Pansy Plants,** in bud		3.50
	Big Boston and Grand Rapids **Lettuce Plants**		1.50
	20 varieties of **Cannas,** potted, true to name	4.00	35.00

25,000 4, 5, 6 in **Dracaena Indivisa,** $10.00, $20.00 and $25 00 per 100

"Golden Leaved Privet" ovalifolium aurea, 6-in. pot, 18 to 24 inches high, very bushy, 35c each; 4-in. pot, bushy plants, 15c each. Young plants for potting, $6.00 per 100. Excellent stock for filling urns and porch boxes.

Also abundance of other stock on hand. Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

AUSTIN, TEX.—Commissioner of Agriculture Fred W. Davis has appointed Ed L. Ayers as chief inspector of nurseries.

DAVENPORT, IA.—The city council will be called upon during the spring to consider plans for landscape gardening of the city hall square.

WEST ALLIS, WIS.—The Blue Mound Nursery Co. has been incorporated by Theodore J. Ferguson, R. C. Holbrook, F. N. Ferguson and A. C. Hanson; capital $6,500.

BLACK RIVER FALLS, WIS.—Henry Lake & Sons Co.'s nursery has been sold for dairy purposes. Mr. Lake will move to Illinois as soon as spring shipments are possible.

SIOUX CITY, IA.—A. R. Toothaker says: "In the general outdoor nursery line trade in ornamentals is on the up grade. The fruit tree side of the business is becoming secondary."

OTTAWA, KAN.—F. H. Stannard, nurseryman, reports that the fruit outlook in this section is the best in several years. The ground is also in excellent condition for tree planting this spring.

HUTCHINSON, KAN.—An ordinance calculated to do away with haphazard tree planting, and that also compels tree planting by residents, was introduced at a meeting of the city council March 18.

BROOKSVILLE, FLA.—The Burbank Farm Products Co. has been organized and will conduct a nursery, embracing nearly all the improved varieties of vegetables and flowers perfected by Luther Burbank.

SACRAMENTO, CALIF. — Howard G. Kercheval, county commissioner of horticulture, has declared war on the pear blight, and steps have been taken to remove all signs of the disease from the orchards of the county.

SALT LAKE CITY, UTAH.—Members of the state horticultural commission have been appointed as follows: J. Edward Taylor, Salt Lake City; W. H. Homer, Pleasant Grove; Charles H. Smith, Centerville; each to serve two years.

YUBA CITY, CALIF.—More than 200,000 trees of all kinds, the largest number on record, will be set out in Sutter county this season, according to figures which have just been compiled by County Horticultural Commissioner H. P. Stabler.

SPRINGDALE, ARK.—The appointment of D. E. Eicher, of this city, to be assistant horticultural agent of the department of development of the Frisco railroad has been announced. He is president of the Arkansas Horticultural Society.

CANTON, O. — Addresses by Probate Judge Charles Krichbaum and a number of others and the adoption of resolutions urging a thorough observance of arbor day were features of a meeting of the Stark County Horticultural Society March 17.

BLOOMINGTON, ILL.—The Bloomington Nursery Co. is successor to the Phoenix Nursery Co., established 1852, incorporated 1883. The officers are Sidney Tuttle, president; A. H. Rossney, vice-president and treasurer, and W. E. Rossney, secretary and manager.

ELIZABETH, N. J.—The Elizabeth Nursery of this city suffered a loss of about $30,000, when fire destroyed its large packing shed and two storage warehouses, March 20. The origin of the blaze is unknown. The greenhouses, situated about 50 feet away and filled with Easter stock, were saved.

BARTOW, FLA.—George R. Johnston and Vet. L. Brown, of this city, the present owners of citrus fruit nurseries located about five miles east of here, and Lillian P. McMillen, of Pittsburgh, Pa., have published notice of incorporation under the style of Lake Garfield Nurseries Company, with a capital stock of $25,000, with the principal office of the corporation in Bartow.

American Association of Nurserymen.

The fortieth annual convention of the association will be held at Detroit, Mich., June 23-25, with headquarters at the Hotel Cadillac. T. I. Ilgenfritz, chairman of the committee of arrangements, and also chairman of the entertainment committee, states that nothing will be lacking in the way of comfort and entertainment for the visiting members. The morning sessions will be devoted to transaction of business and listening to special speakers and reports. Afternoons will be given over to recreation, included in the program being an automobile ride through the city's beautiful park system. a visit to the Ford Motor Co.'s plant, and a trip by steamer on the beautiful Detroit river and Lake St. Clair. Members should confer with their local railroad and steamboat agents immediately after June 1 regarding round trip and excursion ticket rates, which will be readjusted about that time. Further information regarding all details will be furnished upon application to the secretary, John Hall, 204 Granite Bldg., Rochester, N. Y.

7-Yr.-Old Asparagus Roots

Eat your **Asparagus** this May and June and don't wait 3 years for your crop, if you plant 2-year-old roots. I guarantee these roots to produce abundant Asparagus this spring if planted now to establish in the ground. Also 1, 2 and 3 year **Asparagus Roots, Rhubarb and Horse Radish Roots, Privet and Strawberry Plants.**

Warren Shinn, Woodbury, N. J.

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied. Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists — Largest Growers in America

Box 404, DUNDEE, ILL.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Vines, Clematis, Perennials, Shrubs, Shade Trees.

Send for list—We sell to the Trade only.

Jackson & Perkins Company

NEWARK, NEW YORK

August Rölker & Sons

NEW YORK.

Supply the Horticultural trade with

Seeds, Bulbs, Plants, etc.

Address for prices

P.O.Box 752, or 51 Barclay St., NEW YORK CITY

ROSES, CANNAS

Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

NELSON'S

Big Trees and Shrubs

Florists and gardeners desirous of pleasing their clients, will do well to send for our special price list of "Immediate Effect" nursery stock. **We make a special discount to gardeners.**

SWAIN NELSON & SONS CO.

785 Marquette Bldg., Chicago.

Baltimore Nurseries

California Privet

Any quantity, size and age. No better grown.

Shade and Ornamental Trees, Shrubs and Vines.

Full Line of Fruit Trees and Plants.

GET OUR PRICES AND CATALOGUE.

Franklin Davis Nursery Co.

BALTIMORE, MD.

500,000 California Privet

Two years, 2 to 3 ft., 5 to 8 branches, extra fine.....$19.00 per 1000
Two years, 2 to 3 ft., 3 to 6 branches ..... 15.00 per 1000
Two and three years, 3 to 4 ft., 6 to 12 branches, extra fine..... 25.00 per 1000
Bright, clean and handsome, with remarkable root system.

Amoor Privet. One year, 12 to 18 in., extra fine, $15.00 per 1000; two years, 1½ to 2 ft., $20.00 per 1000; two years, 2 to 3 ft., $30.00 per 1000

Berberis Thunbergii. Two years, transplanted and stocky, 9 to 12 in., $4.50 per 100; $40.00 per 1000; and 12 to 18 in., $5.50 per 100; $50.00 per 1000.

Special rates on lots of 5000 or more. Contracts for California Privet in car lots for fall delivery solicited.

J. T. LOVETT, Little Silver, N. J.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. ceda tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3 in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

Mention the American Florist when writing.

Free

This Fine

BUDDING KNIFE

With 2 New Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

250,000 Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000
Pink Enchantress	$2.00	$17.50
Rose Pink Enchantress	2.00	17.50
Mrs. Ward (dark pink)	2.00	17.50
White Perfection	2.00	17.50
Herald (extra fine red)	$3.00	$27.50
Josie Merle (fine pink seedling)	3.00	25.00
Philadelphia	3 00	25.00
Washington	3.00	25.00

2½ inch Pots

Josie Merle ..... $3.50 per 100; $30.00 per 1000
Philadelphia ..... 4.00 per 100; 35.00 per 1000

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000
White Killarney	$4.00	$35.00
Pink Killarney	4.00	35.00
Richmond	3.00	25.00
Maryland	$4.00	$35.00
Milady	4.00	35.00
Shawyer	4.00	35.00

BENCH PLANTS

	Per 100	Per 1000
Killarney	$6 00	$50.00
Richmond	6.00	50.00
Ward	$6 00	$50.00
Shawyer	6.00	50.00

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

BIRMINGHAM, ALA.—Business in general is only fair. The ten-cent stores are exploiting cheap flowers by offering jonquils, hyacinths, etc. at 10 cents with one bulb to the pot.—A. J. Koenig and Hugh Seales are cutting splendid roses and carnations.—F. G. Owen & Sons, of Columbus, Miss., have opened a new store here.—Owen & Black have dissolved partnership.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

400,000 Rooted Carnation Cuttings

We have the following varieties in extra strong stock for **IMMEDIATE DELIVERY:**

	Per 100	Per 1000
Matchless (white)	$6 00	$50 00
White Wonder	4 00	25 00
White Enchantress	2 50	20 00
Shasta	2 50	20 00
Rose Pink Enchantress	2 50	20 00
Philadelphia (light pink)	6 00	50 00
Gloria (light pink)	$3 00	$25 00
Gloriosa "	2 50	20 00
Mrs. C. W. Ward (pink)	2 50	20 00
Northport (dark pink)	2 50	20 00
Peerless Pink "	6 00	50 00
Enchantress	2 50	20 00
Champion (scarlet)	$6 00	$50 00
Beacon "	3 00	25 00
Commodore "	2 50	20 00
The Herald "	2 50	20 00
Benora (variegated)	3 00	25 00
Conquest "	2 50	20 00

For list of **Chrysanthemum Rooted Cuttings,** see our advertisement in the Ready Reference Department.

Liberal discounts on large orders.

J. D. THOMPSON CARNATION COMPANY, Joliet, Ill.

Oklahoma City.

BIG EASTER BUSINESS ANTICIPATED.

From present indications the Easter trade this year is going to attain very large proportions; all the store men say that orders have been coming in very freely. They also say that stock of all kinds will be plentiful and every order can be taken care of. Extra delivery automobiles have been requisitioned to take care of the rush, for it is a rush here, as the people generally object to having deliveries made on the Saturday evening previous and insist on the Sunday morning delivery.

NOTES.

Florists that are handling hardy stock report a splendid demand for shrubbry stock in general, and an almost unlimited call for roses. The variety Lady Hillingdon has proved a wonderful success in this climate, and is a great favorite for outdoor planting. Milady, also, does very well here.

The missionary work being done by various civic associations is helping to increase the demand very materially for all kinds of nursery stock.

We had quite a fall of snow March 22; something quite rare here so late in the season. S. S. B.

Ft. Wayne, Ind.

EASTER TRADE OUTLOOK BRIGHT.

Business has been good during the past two weeks, the bulk of the demand being funeral work and decorations. Palm Sunday occasioned elaborate decorations in many of the churches. The supply of stock has been shortened somewhat by the sudden cold weather of the past week, and the dark days which ensued. The rose supply was cut off considerably, and the cloudy weather has shortened the cut of carnations and cause the calyxes to split. Bulbous stock continues good on the market, but is not overplentiful. Pansies, forget-me-nots, tulips, hyacinths, narcissi, jonquils, Watson daffodils, Narcissus poeticus and mignonette constitute the variety in cut flowers. Orchids are scarce at present. American Beauty roses are good, even in the shorter lengths. Easter lilies are coming in well, and although they are not as tall as they have been other seasons, yet they look splendid. Cut lilies have been scarce during the past two weeks. The outlook for Easter business is good, with moderate prices in the ascendency.

NOTES.

Among the many downtown flower shops, the Flick Floral Company's conservatory attracts unusual attention with its huge showing of Easter plants. Pink pearl rhododendrons, crimson ramblers, acacias, deutzias, spireas and lilacs are all shown with much effectiveness.

This Is PEONY Planting Time

Choice 3 to 5 Eye Roots.

FELIX CROUSSE QUEEN VICTORIA
FESTIVA MAXIMA M. JULES ELIE
MADAME DE VERNEVILLE

And Other Exceptional Florists' Sorts.

Price Our Selection for Cut Flowers.

25 for $7.00, 50 for $13.00, 100 for $25.00.

Chicago **Vaughan's Seed Store,** New York
Western Springs, Ill.

Now is the Time
To Subscribe to the
Horticultural Trade Journal
Published weekly. The Largest Brightest and Best British Trade Publication. Also
THE INTERNATIONAL EDITION
Published quarterly. Annual subcription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.
THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

The Bradley Flower Shop is now located in its new quarters in the Jefferson Theatre building. An opening to the public was held March 29. This new shop is most attractive with its mirrored walls, white and green finish, terazzi floor and birch-bark railing.

F. J. Knecht & Co. have purchased a new delivery auto. The company's greenhouses are making a fine showing in their Easter stock, especially their roses, of which they make a specialty.

The greenhouses of W. J. and M. S. Vesey, wholesale florists, have been yielding enormous cuts of roses. Their stock for Easter looks splendid.

H. K.

MEADVILLE, PA.—A new flower shop will be opened in the Merchants National Bank building by C. R. Betts, of Warren, Pa.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternantheras, red and yellow, $2 per 100. Jos H. Cunningham, Delaware, Ohio.

AMPELOPSIS.

25,000 Amelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS — Good, strong, healthy plants from 3-inch pots, $4.50 per 100. SPRENGERI, 4-inch, extra heavy and long sprays, $5 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Asparagus Plumosus Seedlings, $5 per 1,000; transplanted at $7.50. Asparagus plumosus seed, new crop, $1 per oz.; ¼ lb., $3; lb., $10. Harry Bailey, R. F. D. No. 6, Los Angeles, Calif.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus plumosus, 3, 4 and 5-in., 7c, 15c and 35c each. Sprengeri, 2½-in., 3, 4 and 5-in., 4c, 6c 15c and 35c each. C. H. Frey, 1133 O St., Lincoln, Neb.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

ASPARAGUS PLUMOSUS, FRESH SEED, 1,000, 75c; 10,000, $6; 100,000, $50. Superior Nursery Co., Los Angeles, Calif.

SPRENGERI, 4-inch, very strong, $7 per 100; PLUMOSUS, 3-inch, $4.50 per 100. Cash, please. EDGAR E. ASTERDAY, Nokomis, Ill.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, $25 per 1,000. Albert M. Herr, Lancaster, Pa.

ASTERS

REMEMBER!! I am the ORIGINATOR of the celebrated SAWYER ASTERMUM. Descriptive circular on application. Four colors: white, pink, lavender and purple. Price, 1,000 seeds, 50c, $5 per oz. Cash with order. ALBERT A. SAWYER, Forest Park, Ill.

AZALEAS.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 in., $1.50 each. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Begonias, tuberous rooted, single, separate colors, $3 per 100; mixed, $2.25. Double, separate colors, $4.50 per 100; mixed, $4. Single frilled, separate colors, $7 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Rex Begonia, 2¼-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

BOXWOOD.

Boxwood, fine well shaped plants. Can be furnished with tubs if desired. Bush shaped: 12-inch, 40c each; $4.25 per doz.; 18-inch, 65c each; $7 per doz. Pyramids: 3 foot high, $2.50 each; $4.50 per pair; 3½ ft., $3.50 each; $6 per pair. A. Henderson & Co., 369 River St., Chicago.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in. $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, begonias, single, separate colors, $2.50 per 100; $20 per 1,000. Double, separate colors, $3.50 per 100; $30 per 1,000. Caladiums: 5-7-inch, $1.75 per 100; $15 per 1,000; 7-9-inch, $3.50 per 100; $30 per 1,000; 9-11-inch, $6 per 100; $55 per 1,000; 12-inch and up, $14 per 100; $125 per 1,000. Cold storage lilies: Giganteum, 7-9-inch, 100 the case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, caladium, 4,000 extra large bulbs, in 41 named sorts, $10 per 100. Tampa Floral Co., Tampa, Fla.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CALCEOLARIAS.

Calceolaria Grandiflora, Compacta and Jams 4-inch, 15c; 3-inch, 10c. Cash please. Toledo Greenhouse, 2829 Chestnut St., Toledo, Ohio.

CANNAS.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 1 to 3 eyes. Allemania, Italia, Vaughan, Patry, $1.25 per 100. Jos. H. Cunningham, Delaware, Ohio.

CANNAS, standard varieties divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Vaughan's Firebird, 3-inch, dozen, $6.50; 25 for $12.50. Vaughan's Seen Store, Chicago and New York.

100,000 cannas, very choice varieties, extra strong plants, 4-in., $8 per 100; $75 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

CARNATIONS.

STOP! LOOK! READ!

For immediate delivery.

FINE CARNATIONS FROM SOIL.

As we shall grow Roses more extensively this year we are cutting down on our Carnation growing. This being the case, we have a surplus of some very choice carnation stock to offer; stock offered is what we had intended to grow ourselves, for with the careful culture given them they have been worked up to large, healthy plants, and as such we guarantee that you will find them REAL LIVE VALUES. so here is your chance to secure choice stock at prices no higher than others, but of a quality far superior.

			100.	1,000.
500	Joy	Red	$4.00	$30.00
3,000	Victory	"	3.00	25.00
1,000	Matchless	White	6.00	50.00
2,000	Perfection	"	3.00	25.00
1,000	Philadelphia	Pink	5.00	40.00
4,000	Afterglow,	Dk. "	4.00	30.00

J. A. BUDLONG,

82-84 E. Randolph street. Chicago.

400,000 ROOTED CARNATION CUTTINGS.

We have the following varieties in extra strong stock for IMMEDIATE DELIVERY:

	Per 100	Per 1000
Matchless (white)	$6.00	$50.00
White Wonder	3.00	25.00
White Enchantress	2.50	20.00
Shasta (white)	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Philadelphia (light pink)	6.00	50.00
Gloria (light pink)	3.00	25.00
Gloriosa (light pink)	2.50	20.00
Mrs. C. W. Ward (pink)	2.50	20.00
Northport (dark pink)	2.50	20.00
Peerless Pink (dark pink)	6.00	50.00
Enchantress	2.50	20.00
Champion (scarlet)	6.00	50.00
Beacon (scarlet)	3.00	25.00
Commodore	2.50	20.00
The Herald	2.50	20.00
Benora (variegated)	3.00	25.00
Conquest (variegated)	2.50	20.00

J. D. THOMPSON CARNATION CO.,

Joliet, Ill.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.
162 N. Wabash Ave. Chicago.

Carnations, rooted cuttings: Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, $3 per 100; $27.50 per 1,000. Josie Merle, Philadelphia, Washington, $3 per 100; $25 per 1,000. 2½-inch pots: Josie Merle, $3.50 per 100; $30 per 1,000. Philadelphia, $4 per 100; $35 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Carnations, rooted cuttings: Champion, $6 per 100; $50 per 1,000. Philadelphia, $6 per 100; $50 per 1,000. Beacon, $25 per 1,000. Scarlet Glow, $25 per 1,000. Enchantress, $20 per 1,000. Gorgeous, $30 per 1,000. 2½-inch: Winsor, $30 per 1,000. Enchantress, $35. Champion, $65. Gorgeous, $40. Scarlet Glow, $35. C. W. Ward, $35. Poehlmann Bros. Co., Morton Grove, Ill.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1000. Herald, Philadelphia, $4 per 100; $35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnation Alice, $12 per 100; $100 per 1,000. Peter Fisher, Ellis, Mass.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.
Select what you want from the following list and let us have your order as early as possible.

WHITE.	Per 100	Per 1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Golden Glow	2.00	15.00
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Yellow Eaton	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
Chieftain	3.50	30.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Chrysanthemum cuttings, Chadwick Improved, $3 per 100; $25 per 1,000. W. H. and Golden Chadwick, Chrysolora, Maj. Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall, Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons: Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. Morris Floral Co., Morris, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c to 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.
SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1000; $2.50 per 100; 500 at 1000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1000. J. T. Lovett, Little Silver, N. J.

DRACAENAS.

Dracæna terminalis, 4-in., $3 per doz.; 5-in., $5; 6-in., $7.50. Poehlmann Bros. Co., Morton Grove, Ill.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EASTER PLANTS.

BLOOMING PLANTS.
Ready now and for Easter.
Azaleas, in bud, 75c to $3.00 each.
Primula, 3-in., 5c and 6c; 4-in., 10c and 15c.
Spiræas, 35c and 50c.
Lilies, 8c, 10c and 12c per bud.
Hyacinths, all colors, single, 3 and more in pot, 5c and 10c; boxes with 10 to 12 hyacinths, $1.00 each.
Tulips, 3c and 4c.
Cash, please.
ERNEST ROBER, Wilmette, Ill.

FERNS.

Boston ferns, 2-in. .... $3.00 per 100
Boston ferns, 3-in. .... 6.00 per 100
Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.
Boston out of bench, $10.00 and $15.00 per 100.
Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.
ERNEST ROBER, WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotuim Schiedel, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, Whitmani and Roosevelt, 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Extra fine Boston and Asparagus hanging baskets, $1.50 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Boston, 2¼-in., $4 per 100; $35 per 1000. Teddy Jr., fern, 2¼-in., $6 per 100; $60 per 1000. Scholzelii and Scottii, 2¼-in., $5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

BOSTON FERNS, 2½-inch, strong, $5 per 100. WHITMANI, 2½-inch, $5 per 100. Superior Nursery Co., Los Angeles, Calif.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus plants, all sizes, from 25c to 50c each. Poehlmann Bros. Co., Morton Grove, Ill.

FUCHSIAS.

Fuchsias, 2¼-in., 15 varieties, $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.
Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GENISTAS.

Genista Racemosa, 4-in., $2.25 per doz.; $16 per 100. The Storrs & Harrison Co., Painesville, Ohio.

GERANIUMS.

Extra fine lot of 2-inch GERANIUMS ready for immediate shipment: Nutt, Buchner, $18 per 1,000. Ricard, Mme. Barney, Henderson and Anna Vincent, $22 per 1,000. Heliotrope, double petunias, $18 per 1,000. Cash with order. Cherry Park Gardens, Fredonia, N. Y.

Geraniums, 2 and 2½-in., Henderson, Viaud, Ricard, Nutt, Grant, Montmore, Perkins, Meehan, Buchner, La Favorite, etc., $2.25 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12¼c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, March 29 to Apr. 15, S. A. Nutt, $12.50 per 1,000. Ricard and Poitevine, $15 per 1,000. A. M. Herr, Lancaster, Pa.

GLADIOLUS.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000; 3,000 for $25; medium size, $7 per 1,000; 3,000 for $19. Augusta, 1st size, $12 per 1,000; medium size, $10. America, 1st size, $12 per 1,000; medium size, $10. Hyde Park, $60 per 1,000. Princeps, $30 per 1,000. Baron J. Hulot, $30 per 1000. Special "Counter" mixture, 500 large bulbs, $3.75; per 1,000, $7.50. Vaughan's Seed Store, Chicago and New York.

Gladiolus, America, $1.40 per 100; $12 per 1,000. Augusta, $1.60 per 100; $14 per 1,000. Francis King, $1.60 per 100; $14 per 1,000. Princeps, $1.60 per 100; $14 per 1,000. Panama, $4.50 per 100; $40 per 1,000. A. Henderson & Co., 369 River St., Chicago.

1,000 Augusta and 2,000 America gladiolus bulbs, flowering size, $20. Arthur Rueffer, in care of H. Wehrman, Maywood, Ill.

GLADIOLUS BULBS, sixty named varieties. Send for whole Price List. MELROSE BULB IMPORTING CO., A. F. 5, Melrose, Mass.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, R. C., Centefleur, Picciola, Poitevine, Diadem, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2½-in., $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

HYDRANGEAS.

Hydrangea Otaka, 6-in., 4 to 6 shoots, $25 per 100; 8-in., 6 to 8 shoots, $50 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Hydrangea Otaka, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

GERMAN IVY, R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

ENGLISH IVY, extra strong R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

English ivy, 4-in., 3 ft., $12 per 100; 3-in., 2 ft., $9 per 100. The Storrs & Harrison Co., Painesville, Ohio.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LANTANAS.

LANTANAS, 2-inch, 6 varieties, 3c. MEMPHIS FLORAL CO., Memphis, Tenn.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

Lily of the valley, Chicago Market Brand, best valley in existence, giving the best results all year around, $15 per 1,000; $8 per 500; $4.50 per 250; $2 per 100. Florist Money Maker Brand, best Valley at moderate prices. $13 per 1,000; $7 per 500; $4 per 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MOSS.

SPHAGNUM MOSS.
GOOD CLEAN STOCK.
Per bale, $1.00. 10 bales, $9.00
WILLIAM MURPHY,
Wholesale Commission Florist.
329 MAIN ST., CINCINNATI, O.

MOSS, 10 bbl. bale, $2; 5 bbl. bale, $1.25. Peat, 80c bag. Rotted Manure, 50c bag. Get prices on large lots. Jos. H. Paul, P. O. 156, Manahawkin, N. J.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock for outdoor planting. Roses, clematis, shrubs, vines, perennials, shade trees. Send for list. We sell to the trade only. Jackson & Perkins Company, Newark, New York.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.
Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....$0.35	
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	...$1.50
7-inch pots, 3 plants in a pot,	36 to 38...	2.50
7-inch tubs, 4 plants in a tub,	38 to 40...	3.00
8-inch tubs, 4 plants in a tub,	38 to 44...	3.50
8-inch tubs, 3 plants in a tub,	48 to 54...	5.00
8-inch tubs, 4 plants in a tub,	52 to 56...	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high..	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Belmoreana. McHutchison & Co., 17 Murray St., New York.

PANDANUS.

Pandanus Veitchii, 3-in., 25c each; 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 and $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANDANUS VEITCHII, nicely variegated plants, 4-in. pot sizes, $10 per 100; 6-in. pot, $15 per 100; 8-in. pot, $25 per 100. Larger sizes at 35c and 50c each; cuttings at $4 and $6 per 100. F. M. SOAR, Little River, Fla.

PANSIES.

125,000 PANSIES, Romer's Prize Winners (Germany). A grand collection, extra strong plants; worth more money, 50c per 100; $3.50 per 1,000, prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

225,000 large stocky (September transplanted) field-grown blooming PANSY PLANTS. Henry Mette's strain; all salable stock. Satisfaction guaranteed, $1 per 100; $10 per 1000. Cash. Ready about April 1. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS from cold frame coming in bud and bloom. From Danish seed, $1 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Large flowering pansy in bloom and bud; fine stocky transplanted plants, 75c per 100; $7 per 1000. Gus SCHLEGEL, Olney, Ill.

PEONIES.

Peonies, 3 to 5 eye roots, Felix Crousse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

REMEMBER, If it's a Hardy Perennial or so called old Fashion Flower worth growing, we have it in one shape and another the year around. We have the largest stock in this country, all made in America, and our prices will average 75c per doz.; $5.50 per 100. Why say more here? Send for our Wholesale Price List of varieties and benefit from the opportunities this notice affords you. Address,
R. W. CLUCAS, Mgr.,
Palisades Nurseries, Inc., Sparkill, N. Y.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, 2½-in., 12 vars., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, from dbl. seed, $2.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

Privet, California, 2-year, 2 to 3 ft., 5 to 8 branches, $19 per 1000; 2-year, 2 to 3 ft., 3 to 6 branches, $15 per 1000; 2 and 3-year, 3 to 4 ft., 6 to 12 branches, extra fine, $25 per 1000. Amoor, 1-year, 12 to 18 ins., $15 per 1000; 2-year, 1½ to 2 ft., $20 per 1000; 2-year, 2 to 3 ft., $30 per 1000. Berberis Thunbergi, 2-year, transplanted, 9 to 12 ins., $4.50 per 100; $40 per 1000; 12 to 18 ins., $5.50 per 100; $50 per 1000. J. T. Lovett, Little Silver, N. J.

200,000 CALIFORNIA PRIVET all sizes, 12 to 18, 18 to 24, 24 to 30 at $12, $15 and $20 per 1,000; fine stock. 50,000 SHRUBS and VINES low. Get trade list. 1,000,000 frost proof cabbage plants now ready. BENJ. CONNELL, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

PYRETHRUMS.

Pyrethrums, Dreer's double; Aphrodite, Figaro, Leonard Kelway, Lord Roseberry, Meteor, Mont Blanc, Ne-plus-ultra, Oscar, Walkure, W. J. Tweedy, $2.50 per doz.; $20 per 100. Single varieties in fine mixture, $1.25 per doz.; $8 per 100. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

ROSES.

ROSES.
Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson, The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.
Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	8.00	75.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00
BENCH PLANTS.		
American Beauty	$6.00	$50.00
Richmond	5.00	40.00

WIETOR BROS.
162 North Wabash Ave., CHICAGO

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100.	Per 1,000.
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

2-YEAR-OLD BEAUTY BENCH PLANTS.
$6 per 100; $50 per 1,000.
GEORGE REINBERG,
162 North Wabash Ave., Chicago.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

SALVIAS.

SALVIAS, R. C., Zurich, Bonfire, Chretien, Lord Fauntleroy Silver Spot, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvias, 2¼-in., Bonfire and Splendens, $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

SEEDS.

Seeds, Ageratum, Alyssum, Antirrhinum, Asparagus, Asters, Begonias, Candytuft, Celosia, Centaureas, Cinerarias, Cobæa Scandens, Coleus, Dracaenas, Grevillia, Ipomoeas, Lobelias, Mignonette, Petunia, Salvia, Smilax, Stocks, Verbenas. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son Langport, Somerset, England.

Seeds, growers for the trade, beans, peas sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VINCAS.

VINCA VARIEGATA, R. C., splendid stock ready now, $1 per 100; $9 per 1,000; prepaid. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vinca Variegata, heavy plants from 4-inch pots, $10 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 2½-in., $3.50 per 100; $30 per 1,000; 3½-in., variegata and green, $6.50 per 100; $30 per 1,000. Alonzo J. Bryan, Washington, N. J.

10,000 3-inch Variegated Vincas, extra fine, $5 per 100. 15,000 fall struck cuttings, $1 per 100; $9 per 1000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

TO EXCHANGE.

RICINUS (Castor Oil Bean). Fresh seed, 10c per ounce; strong plants, 50c per dozen; $3.50 per 100; delivered. Or will exchange for rooted cuttings of carnation, 'mums, fuchsia, geranium, lantana, petunia, etc. H. R. MOSNAT, Lake Hamilton, Polk Co., Florida.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.
MICHIGAN CUT-FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass. Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Liquid—NICO-FUME—Paper, for thrips, aphis, Spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Sterling Iron Reservoir Vases. Place your orders early. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers, bone meal; sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

McCray Refrigerators keep flowers fresh and salable. McCray Refrigerator Co., 670 Lake St., Kendallville, Ind.

Dreer's Peerless Glazing points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Pexto Pruning Shears. Write for booklet. The Peck, Stow & Wilcox Co., Southington, Conn., and Cleveland, Ohio.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Little Wonder Rose Nozzle, 35c each. Garland Mfg. Co., Des Plaines, Ill.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Fetrilizers, Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scot-

POTS AND PANS.

Fletco Paper Pots, 3,000 or more, 2-in., $1.10 per 1,000; 2¼-in., $1.20; 2½-in., $1.30; 3-in., $2. F. W. Fletcher & Co., Auburndale, Boston, Mass.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

Pots, bright red color, porous and strong. The Cambridge Tile Mfg. Co., Covington, Ky.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Write Us Today

Save 10% to 20% on Greenhouses

We get most of our business through recommendations from thoroughly satisfied customers—we thrive on repeat orders.

We have received absolutely no correspondence expressing dissatisfaction on price, delivery or quality of construction.

What They Say:

Jan. 20, 1915
Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,
L. Buckendorf,
Norfolk, Neb.

Send for Our Latest Catalogue

Let us send a capable representative to see you without cost to you. We do this because of the implicit confidence in our material and service

"We Understand Our Business Thoroughly".

WILLENS CONSTRUCTION CO.

Long Distance Phones:
Lawndale 757—Harrison 7073

1529 S. Spaulding Ave., Chicago

Tacoma, Wash.

MARCH BUSINESS NORMAL.

The volume of business for March has been about the same as March, 1914, in total, with excess of nearly all stocks, except good cut roses. Carnations are going to waste at several greenhouses. They are of most excellent quality. Calla lilies are more than plentiful and outside bulbous stock is blooming everywhere, with practically no sale for cut flowers of like kinds. Pot hyacinths and Murillo tulips are selling fairly well. The stores are grand in displays of everything at present, but all complain of poor trade during the earlier part of the month, with greatly improved conditions coming on rapidly. Exceptionally bright warm weather for the past week has brought a rush call for early bedding plants of the hardier sorts, and no doubt a great demand will develop, because every Tacoma citizen will try to aid in having our city the most beautiful on the coast for the coming tourists. Plans are being made to give every tourist vistor an abundance of cut flowers, and especial pride will bring out quantities of our beautiful roses to commercial club rooms. No doubt many people will go back east with enthusiasm and filled with wonder when they see so many beautiful roses of so many sorts. All local florists are expecting better business from now on, and Easter no doubt will help many to even up the winter income that seems to have been less than expenses for a few months past. No doubt carnations will be less plentiful soon after Easter, for several are going to plant tomatoes in, as soon as the Easter cut is over. Easter lilies are abundant, and better than for several seasons past. Pot plants are having good demand, especially medium and smaller sizes.

NOTES.

Some talk is going the rounds that one public-spirited improvement club is boosting the idea of street flower boxes, similar to enlarged window boxes, being placed along each side of Pacific avenue through the main business section. The idea is to place them on substantial raised framework on the edge of the sidewalk at frequent intervals. The same to be filled with plants and vines similar to a window box. We approve of it as a new and worthy idea, for climatic conditions are favorable enough to make it a success here.

Smith Floral Co. reports an excellent business, with more and better flowers

OVER 5,000 FLORISTS ARE USING RED DEVIL GLASS CUTTERS

YOU need a Glass Cutter to cut your greenhouse glass. Why not use the **Best: Genuine "RED DEVIL,"** the kind all good glaziers use? Your local hardware store sells them. Just insist on Genuine **"Red Devil"** and take no substitute. We have given away nearly 3000 samples to florists. If you did not get one send us this adv. and 3-2c stamps and one sample only of the best Glass Cutter in the world will be sent you postpaid.

"It's all in the wheel"

"Red Devil" Glass Cutter No. 024.

SMITH & HEMENWAY CO., 170 Chambers St., N. Y. C.

Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

Lot No.

XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½. 100 running ft.....$ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft..... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas..... 27.00
XJ-45—Standard Hot Bed Sash, 1⅜-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each..... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll.....$1.90 to 1.13
XJ-48—First-class second-hand Heating Boilers in any desired size. Very lowest prices.

HARRIS BROTHERS COMPANY, Owners
Chicago House Wrecking Co.,
35th and Iron Sts., Chicago

Mention the American Florist when writing.

GLASS

We are leaders. Large stock, good prices.

SHARP, PARTRIDGE & CO.

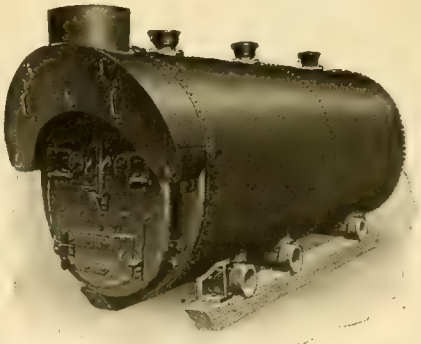
CHICAGO, ILLINOIS.

Mention the American Florist when writing.

"SUPERIOR"

INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
846-848 W. Superior Street
CHICAGO

Mention the American Florist when writing.

PRINTING FOR FLORISTS

Send for samples of **Three Color Shipping Labels** and Florists' Tags.

Letterheads and Envelopes showing special designs for florists.

Gorham & Limpus Press
542 S. Dearborn St., Chicago.

Mention the American Florist when writing.

The Regan Printing House
LARGE RUNS OF
CATALOGUES
OUR SPECIALTY
WRITE FOR PRICES.
527 Plymouth Place, CHICAGO

than ever before to supply the demand, although they are having to buy. Trade in the store calls for almost everything, so they have to use space for variety's sake, and buy some carnations, greens and other stock.

Tacoma public officials and the Metropolitan park board are debating the plan of parking or improving the bluffs along the edge of our water front. Such a plan would be somewhat difficult of accomplishment, but would make a great showing for all boats coming in, and the trains over the new railroad would run alongside of it for several miles as they come in.

Van Slyke & Seamons have better demand for shipping, with plenty of excellent stock to fill all orders. One noteworthy order received was from Massachusetts, with payment enclosed for 250 Nutt geraniums. The money was returned because they are short of supply of that sort, and counted it too long a trip to be a satisfactory shipment.

California Rose Co. of Pomona, Calif., sold all the roses they could to florists, nurserymen and department stores, then came in with a good supply themselves afterward, cut the prices and advertised considerably. Some business that—but next year—what?

With the Hayden-Watson Co. an improvement all along the line is noted.

S. L. H.

Minnesota State Florists' Ass'n.

The April meeting of the Minnesota State Florists' Association, which will be held in the Palm room of the Hotel St. Paul, Thursday, April 8, will include a spring flower exhibition, for which a number of premiums are offered, consisting mainly of bulbs donated by Holland firms, the value of the premiums being about $8 for first and $5 for second prize. All exhibits must be in place for judging not later than 4 p. m., and diplomas, certificates of merit, etc., will be awarded. The premium list in which first and second premiums will be awarded is announced as follows, but anything in plants or cut flowers may be exhibited:

Best six pans daffodils or jonquils, any variety, not over 10-inch pans.
Best six pans single tulips, any variety, not over 10-inch pans.
Best six pans double tulips, any variety, not over 10-inch pans.
Best six pans Dutch hyacinths, any variety, not over 10-inch pans.
Best six pots Easter lilies, one bulb to a pot.
Best specimen lilac, any variety.
Best hydrangea, any variety.
Best polyantha rose, any variety.
Best climbing rose, any variety.
Best specimen azalea, any variety.
Best specimen rhododendron, any variety.

The business meeting will begin at 7 p. m. and will be followed by the general meeting at 8 p. m. sharp, the subject for discussion at which will be "What Can the Commercial Florist Do for the Amateur Gardener?" The members of the Men's Garden Club and the ladies' auxiliary of St. Paul, and the Minnesota Garden Flower Association have been invited to participate in the discussion.

GUST. MALMQUIST, Sec'y.

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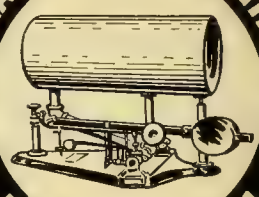
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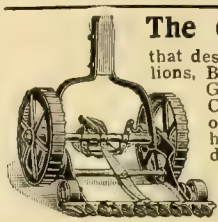
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H. T.

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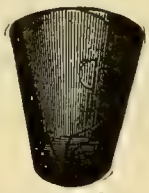

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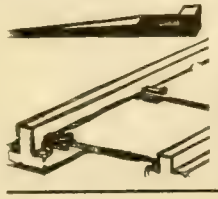

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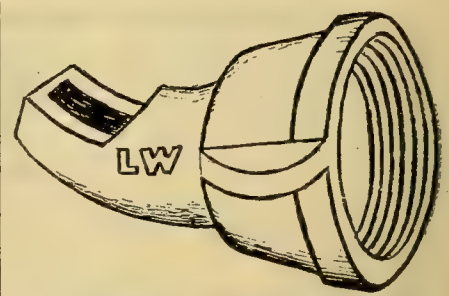

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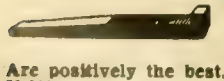

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACKORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

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Annual convention and exhibition at Newport, R. I., July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

The Sweet o' the Year.

Come thou slowly, slowly, Spring,
Trail thy green robe down the hills;
Still thy tones, and softly sing
Dreams of music to the rills.

Come thou slowly, slowly, Spring,
Sift thy sunshine o'er the land;
Not to riotously fling
All dear gifts at thy command.

Come thou slowly, slowly, Spring,
Stint thy bird-song, stay thy flower;
Ah, be wise and gracious; bring
Lingering bliss to each brief hour.

—Emma Carleton.

Diseases of the Peony.*

PAPER BY H. H. WHETZEL, PROFESSOR OF PLANT PATHOLOGY, CORNELL UNIVERSITY, ITHACA, N. Y. AT A MEETING OF THE MASSACHUSETTS HORTICULTURAL SOCIETY, MARCH 27, 1915.

The Immunity Fable.

It is an old fable, passed down from catalogue to catalogue that "The peony is free from diseases." Yet one has only to observe carefully for one season the peony plants in gardens, lawns and nurseries to lose his childish faith in the story. Not less than seven distinct diseases of this beautiful perennial are now commonly to be met with in eastern United States Doubtless there are others not yet recognized or reported. I now have these seven slated for further study and observation, and expect to add others to my list this season. The less we know of the diseases of a plant, the fewer and less important they appear. The reverse is equally true. Yet it is only through greater familiarity and more knowledge of them that we may hope to save our plants from their ravages. The first step in our study of the diseases of the peony is to learn to recognize them, to distinguish them, the one from the other, to name them. This we may accomplish only by learning the characteristic symptoms of each. This will be my chief object in the present paper. The next step is to discover the cause of each different malady, to uncover the nature of the pathogen, be it fungus, bacterium, or what not, that is chiefly responsible for the diseased condition. In this direction but little progress has as yet been made. This is largely the problem of the plant doctors, and I hope to be able to have shortly many more facts on this phase of the subject than we now possess. Of the control of these different diseases least is naturally known, and only with fuller knowledge of the pathogens and their life habits will we be able to intelligently undertake experiments on control. What I may have to offer on this part of the subject must of necessity be only suggestions.

Diseases of the Root.

THE ROOT GALL.—The root gall disease appears to be rather widely distributed in eastern United States and is well known to the growers who make a specialty of this plant. Specimens have come to my hands from time to time during the last eight years. No special investigations on this disease appear to have been made and it appears to have been rarely written about. Whether it was first imported from Europe or is of American origin is not known. Certain imported French varieties are often very severely affected. It is regarded by peony specialists as a troublesome and by some as a dangerous malady.

Symptoms. The above ground symptoms are many weak, spindling shoots which remain short and give no blooms. The shoots often grow fewer and shorter from season to season, the plants gradually dying out. In other cases the plants appear to gradually recover, the shoots growing stronger from year to year, and finally blooming. The latter appears to be the case when the roots are frequently divided and reset. The affected roots are short, stubby and irregularly knotted or swollen. The crown on which the bud sets is often much swollen. The fine rootlets are often covered with galls. The lower ends of the galled roots seem to rot away.

Cause. The nematode worm, Heterodera radicicola, is probably responsible for most galls on peony roots. Bessey* reports it as very injurious to the roots of the peony. This microscopic worm affects the roots of no less than 480 different species of plants. It is most common and destructive in the south, but is frequent on greenhouse plants in northern

*Bessey, E. A. Root Knot and its control. U. S. Agr. Dept. Bur. Pl. Ind. Bul. 217: 18, 43.

United States, and on the roots of certain perennials like ginseng and peony, easily survives the winter outside.

Control. Until a fuller investigation of the disease has been made, suggestions as to control cannot be very definite. In general it will probably be most profitable to dig up and destroy all diseased plants. The experience of some growers indicates that with rare or expensive varieties it may be profitable to help the plant "outgrow" the trouble by frequently dividing and transplanting the roots. Where nematodes are the cause of the swellings, diseased roots should never be planted on land along with the healthy or on which it is expected to grow peonies continuously. Land on which galled plants have been grown should not be used again for peonies for three or four years. The worms will usually die out, especially here in the north, for want of a suitable host in which to survive.

ROOT ROTS.—Rotting roots of normal size and shape have several times been sent to me by growers. What appears to have been similar root rot has been reported by the botanists of the Connecticut and Massachusetts experiment stations. Some growers have reported it as very destructive.

Symptoms. The rotting away of the crown and the larger roots seems to be a rather constant symptom. The top of the plants either fail to appear in the spring or wilt and die during the summer.

Cause. The cause of root rot is apparently unknown. Nothing more than a casual examination appears to have been made by those plant pathologists who have reported on the disease. It is very probable that we have under the name of root rot several different diseases. They are very likely due to fungi or bacteria, though winter injury may sometimes be responsible.

Control. Removal and destruction of diseased roots and the planting of peonies on other land, are the only suggestions to be made with our present knowledge of root rots.

Diseases of the Stem, Leaves and Flowers.

THE MOSAIC DISEASE.—So far as I am aware this is the first record of this very peculiar and interesting malady of the peony leaf. I have observed this disease now for several seasons in the peony plantation at Cornell University. It has doubtless been observed by others and is probably of wide distribution. It does not appear to be a serious malady.

Symptoms. The symptoms are very striking. Usually only one or two stalks in a cluster are affected. The leaves show rings of concentric bands of alternating dark and light green color. The spots are sometimes large, with broad bands; in other cases small with narrow bands, the spots densely crowded over the leaf. I have observed no evidence of dwarfing or injury other than the peculiar markings above described.

Cause. So far as I am aware no investigation of the cause of this disease has been undertaken. It looks much like the well known mosaic disease of tobacco and other plants, the cause of which has long been sought but never certainly discovered. The mosaic disease of tobacco is known to be very infectious. Whether this of the peony is also capable of being transmitted from diseased to healthy plants, I have not determined as yet.

Control. Nothing with respect to control can be suggested except destruction of diseased plants, until we know more of the nature and cause of the trouble.

THE ANTHRACNOSE.—This is a name I am giving to a disease affecting the stems and leaves of the peony. So far as I can find this has never been recorded before, at least in this country. It appears, from my observations in the Cornell University peony plantation, to be a rather dangerous malady and deserving of the attention of peony growers and plant pathologists.

Symptoms. The disease shows first in the early summer as dark reddish bordered spots with almost white centers. Later the centers become a bit sunken and show minute black pimples under the dead epidermis, presumably the beginnings of the fungous fruit bodies. During the latter part of the summer the spotting of the stems becomes very severe, and the leaves are often severely affected with what appears to be the same disease.

Cause. This anthracnose is quite certainly a fungous disease, but up to the present I have not been able to discover mature fruit bodies of a fungus in the lesions and have not had the time to undertake a careful investigation of the malady.

Control. Probably sanitary measures, involving removal and pruning of diseased tops early in the autumn would be effective in getting rid of the pathogen which probably winters in the diseased stems and leaves.

THE LEAF BLOTCH.—This disease appears to be one of the best and longest known diseases of peonies. It was first described from Europe, where it is to be observed in almost every peony planting today. It is also very common in America. It does not appear to be a serious disease, as it affects only the leaves, and does not appear until the latter part of the season after the leaves have apparently begun to mature for autumn.

Symptoms. The symptoms are distinct and striking, large purple blotches on the upper surface, often an inch to two or three inches in diameter. The tissue does not become dead and dry as in the case of the Botrytis blight spots to be described later. The blotch on the underside of the leaf is a peculiar dull brown, as though the epidermis of the leaf had been scorched. In moist weather the center of the spot below becomes covered with an olive green felt, the stalks and spores of the pathogen.

Cause. The disease is doubtless due to a fungus which goes by the name of Cladosporium paeoniae.

Control. Where this disease gives trouble, early removal and destruction of all diseased tops will doubtless be found most satisfactory in preventing its appearance another season. The fungus most probably passes the winter in the diseased and fallen leaves from which in the spring a new crop of spores find their way to the next crop of leaves.

THE SCLEROTINIA STEM ROT.—This disease is probably more common than is suspected, but because its symptoms are so like those of the Botrytis disease, has probably seldom been recognized. I have had diseased specimens from but one grower some years ago, but recent inoculation experiments which I have made with the pathogens show it capable of rapid destruction of young peony shoots.

Symptoms. A sudden wilting of young or even nearly mature stalks, due to a rotting off at the base near the ground, is the first evidence of this disease. At this stage it cannot usually be distinguished from the more common Botrytis disease which affects the plants in the same way. Later the dead stalks on being split open will often show large black bodies, sclerotia, in the pith. These are never present in stalks killed by Botrytis.

Cause. The disease is caused by a fungus, Sclerotinia libertiana, which is a most omnipresent parasite amongst cultivated plants, especially greenhouse

DISEASES OF THE PEONY.

Fig. 1—Peony Root Long Affected with Root Gall. Right Diseased, Left Healthy.

and garden plants. It is not particular as to the host plants it attacks, so it is not surprising that the peony, too, sometimes falls a victim to it. Wet weather greatly favors its destructiveness.

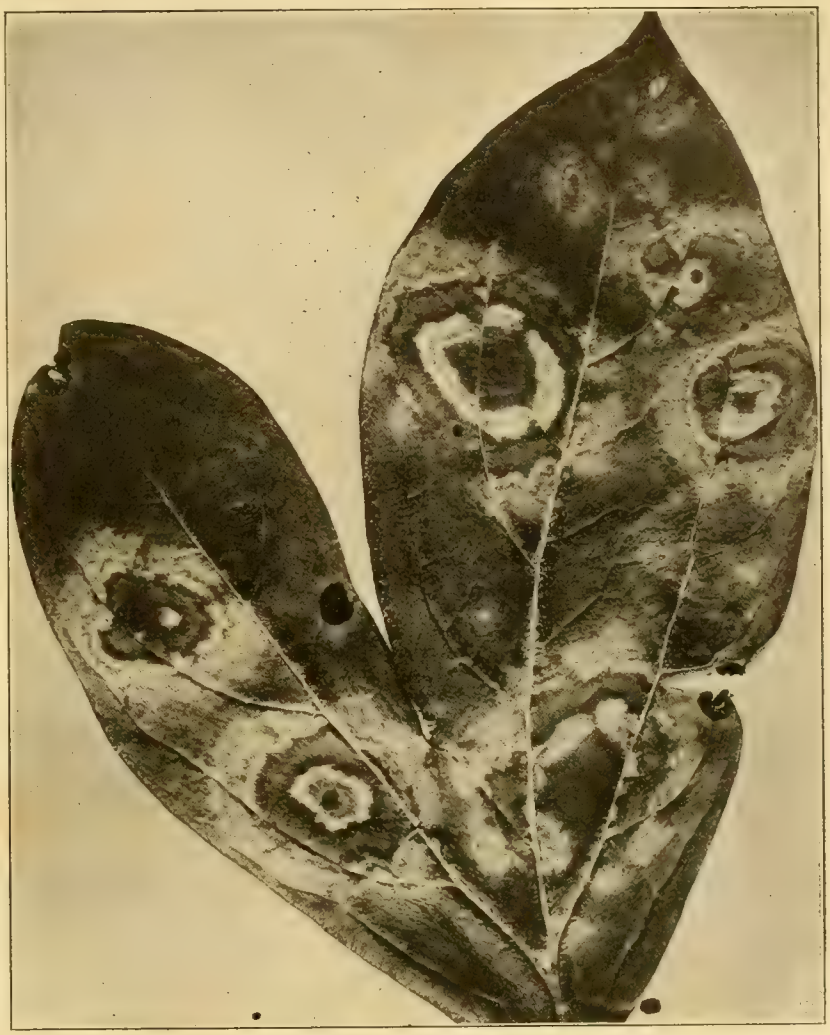
Control. Prompt removal and destruction of wilting stalks, cutting close to the crown and the removal of the soil all about the crown is important. The fungous threads spread from stalk to stalk through the soil. Removed soil should be replaced with fresh clean soil, preferably sand. Keep manure away from the crowns. The sclerotia carry the fungus through the winter and therefore the burning of all diseased stalks is desirable.

THE BOTRYTIS BLIGHT.—This is by far the most common and destructive disease of the peony so far as known at present. This disease is frequently epidemic, especially during wet springs. It occurs wherever peonies are grown, apparently the world over. It is well known in Europe, especially in Holland and England. Much in the way of scattered notes and records of its occurrence have appeared in florists' papers and experiment station reports for the past twenty years. I published a short article on the symptoms and destructiveness of this disease in the trade press in September, 1912.

Symptoms. The disease affects stems, buds and leaves, appearing on these organs in the spring and summer in the order given. The first appearance of the malady is almost always early in the spring as the stalks are coming up. Shoots 4 to 8 inches tall, their leaves not yet expanded, will suddenly wilt and fall over. Examination shows them to be rotted at the base at or below the surface of the soil. The lesions begin usually at the base of the first leaf sheath and spread down to the crown and up often an inch or more above ground. The rotted portion soon becomes covered with a felty brown coat of spores and spore stalks of the fungus, thus distinguishing it from the similar stem rot caused by Sclerotinia. While it is generally the young stems that are affected, I have seen stalks with blossoms opening, suddenly wilt and fall over from Botrytis stem rot at the base.

The buds are the next to show injury from this disease. Sometimes the very small young buds are attacked, turn black and dry up. This is often spoken of as bud blast. Larger buds are later affected, turn brown and fail to open; the stalk for several inches below the bud is usually killed, turns brown and frequently shows alternating stripes or bands of dark and light brown color. When broken open, such buds present a dark brown rotten mass. This is the "bud rot" stage of the disease. In a wet season as high as 80 or 90 per cent of the buds may thus be rotted before they can open. Opened flowers are also often affected, becoming discolored and rotten. The rotted buds and flowers soon become covered with the brown felt of the spore stalks and spores of the pathogen.

The leaves are usually the last to show symptoms of this disease, in the form of large irregular spots which spread rapidly usually from the apex or sinuses of the leaves. The tissue is killed, becoming brown and dry so that it crumples readily. The underside of the spot is soon covered with the spore



DISEASES OF THE PEONY.

Fig. 2—Leaf Showing Mosaic Disease Mottlings.

stalks of the fungus. The blighting of the leaves gives the plants a most untidy appearance. The leaf blight form is very common on peony plants everywhere during the latter part of the summer, becoming very bad during rainy weather. In dry seasons the disease is but little in evidence.

Cause. The cause of this disease has long been attributed to the fungus, Botrytis, found constantly associated with the lesions on stem, bud and leaf. There are many described species of Botrytis, some of which are very common on greenhouse and garden crops. The Botrytis forms found on peony have been referred usually to Botrytis vulgaris or Botrytis cinerea, and Botrytis paeoniae, the last described by a Hollander as the cause of the disease in that country. My own studies indicate that there are at least two distinct species of Botrytis attacking and causing identical symptoms in the peonies both in this country and in Europe. The species while quite distinct in structure are very similar in their life habits and effects on the peony. One forms large sclerotia (resting bodies), while the other forms very minute ones. I have never seen the sclerotia of the large form except in my cultures, but the small ones are commonly formed in the diseased stalks just beneath the epidermis and appear as black pimples the size of a pin head. Presumably they serve to carry the fungus through the winter on the old stubble left by cutting away the tops. There in the spring they probably give rise to a new crop of spores, in just the best position to infect the new shoots when they come up. I have not yet determined whether these pathogens ever attack crowns and roots or not.

Control. The control of this disease is very difficult for several reasons. It is destructive only in wet seasons. The pathogens, at least the large sclerotial form, are so common, so widely distributed and apparently have a wide range of hosts which they can attack, so that if one is not present another is sure to be. Spores are produced in great quantities and carried both by wind and insects. Ants seem to carry the spores from the base of diseased stalks to the buds of healthy plants. Here in the exuded sugary solution, so abundant upon unopened peony buds, the spores find both food and moisture and germinate much more promptly and vigorously than in water. The peony is very susceptible, there being apparently little difference in susceptibility of the different varieties. Spraying is in the first place undesirable as it discolors foliage and buds, and in the second place our experiments indicate that the sugary exudate of the buds effec-

Diseases of the Peony.

Fig. 3—Leaf Body Affected with Anthracnose.

tively neutralizes the copper in Bordeaux so that the spores germinate and infect sprayed buds just as readily as unsprayed. Sulphur in its various forms appears to be equally ineffective in preventing the bud rot form of the malady.

Eradication measures offer the most promise of success in the control of the Botrytis blight. To be effective, however, they must begin with the careful removal of the old stubs in the autumn or very early in the spring and be prosecuted persistently throughout the season. To remove the old stubble carefully, remove the soil from the crown, so as not to injure the buds. Cut away the old stalks close to the crown and burn. These old stalks harbor the fungus. Replace the soil removed with fresh clean soil, preferably sand, or at least top coat with sand. When the shoots begin to appear, inspect them daily and remove by cutting close to the crown any that show wilting. These should be burned. By promptly removing these wilting shoots, you prevent the crop of spores that always appears if the dead shoots are left and so greatly reduce the chance of infection of buds and leaves. The daily inspection must now include the young growing buds and any that begin to turn brown or black and die must be removed and destroyed. As the buds grow older and approach the blooming time, the infection will usually be first evident at the base of the bud on one side as a brown lesion, which will gradually spread up, involving the entire bud, turning it brown. Spreading downward it gradually involves the entire circumference of the stem. It will be very important to detect these lesions in the early stages and remove the diseased buds for spores are produced most abundantly on rotted buds and are also in the most favorable position for distribution by wind and insects to healthy buds. Spotted leaves should also be promptly picked off. However, if the early spring inspection and eradication operations have been thorough and there are no diseased peonies near by, the foliage will probably suffer but little. In wet seasons these inspections should be made daily. In dry weather less often will suffice. For the nurserymen or the grower of large numbers of peonies, this method of control may not be profitable, but for the small grower or in the private garden where a relatively small number of clusters are planted, it will be found entirely practicable and profitable. Even in a large area I believe the eradication measures I have outlined are worthy a thorough trial.

Conclusions. The ultimate end and object of all plant disease investigations is control. It must be evident from what has preceeded that our knowledge of the diseases of the peony is limited indeed, that most of it is yet to be discovered. Naturally, then, our suggestions as to control cannot be specific. They must be general and they cannot be taken as positive recommendations, only suggestions based on limited knowledge as to the most likely lines along which success is to be expected. Spraying cannot of course get at the root troubles and our past experience and the ornamental character of the plant both discourage this as a means of protecting the parts of the plant above ground. Sanitary measures involving the prompt eradication of the diseased parts, as I have already suggested for the most of the diseases described, offer the most practicable and satisfactory methods for the control of the various maladies to which this beautiful ornamental is subject.

A New Chrysanthemum Pest.

The latter part of March, a chrysanthemum plant showing a serious infestation by a small gall midge, was received from a Michigan grower through the courtesy of Prof. R. H. Pettit of the Michigan Agricultural College. The sending was accompanied by the statement that the insect was causing serious injury in the houses of a large commercial grower. The plant submitted for examination has the stem from a point at about the surface of the ground to where the leaves start, a distance of three-fourths of an inch, enlarged to practically twice the normal diameter and similar masses of tissue occur in and near the midribs of the developing leaves, arresting the growth and producing a close, ill-shaped head and probably ruining the plant for commercial purposes. These swellings are made up of a series of approximately oval cells, each with a length of about one-twelfth of an inch and some projecting as small cones at almost right angles from the plant tissues. This peculiar condition is produced by a small fly, which we have identified as the chrysanthemum midge, an European insect known to attack a number of species of chrysanthemum, and one probably introduced into this country by the importation of plants or cuttings. One variety, mistletoe, seems to be particularly susceptible.

Several gall midges related to this species are already known as serious local pests in greenhouses and attack violets, roses and cactus. Experience with these three indicate great practical difficulties in controlling them, and it is feared that the same may be true of the chrysanthemum midge, consequently we are calling attention to it at once and suggesting a careful examination of stock for abnormal conditions such as those described above. We would be pleased to identify any material and advise further in case it seems desirable.

E. P. FELT, State Entomologist,
Albany, N. Y.

DE KALB, ILL.—J. Leonard Johnson, proprietor of The Flower Store, has offered several beds of cannas to be planted along the Lincoln highway.

Diseases of the Peony.

Fig. 4—Leaf Blotch, Purple Above, Dull Brown Below.

THE EASTER TRADE

Easter trade generally throughout the country, according to reports received from nearly all sections, was at least satisfactory, with the exception of some of the larger cities along the Atlantic coast, this section being swept by a heavy snow-storm, which commenced on the day preceding, and continued through Easter Sunday, seriously affecting trade and deliveries. While in some instances prices and volume of sales went above or below the averages of other years, in the majority of cases reported there was little difference in the total sales in money. The size of the orders given was also smaller than in former years, but the number of orders filled was larger, and this helped in many cases to make the usual sales volume.

As in former years, plants met with heavy demand, the supply was generally ample, the quality good and prices reasonable, with the result that greater numbers in pots and made up arrangements were sold than is usually the case. Lilies, as usual, led in popular favor, but hydrangeas, rambler roses, azaleas, spireas, tulips, and in fact, good quality plant stock of any kind, at a reasonable price, was ready money. In cut blooms, lilies, carnations and tulips sold well, and an excellent call was noted in all sections for anything suitable for corsages, which were in good demand, as the weather was in most cases all that could be desired for the Easter promenade.

LINCOLN, NEB.—According to C. H. Frey, the Easter trade for 1915 showed an increased volume of 25 per cent over last year's business during the same period. The Lenten sale of plants was very good, and all stock cleaned up well. The cut flower demand was good and the supply sufficient to meet all requirements. Lilies, all bulbous stock, hydrangeas, azaleas, spireas, deutzias, Primula obconica and cyclamens sold well, but there was a good call for any good blooming plant. All cut flowers sold well, but one or two growers had an over supply of daffodils.

GRAND RAPIDS, MICH.—Easter trade this year was about 10 per cent better than a year ago, with prices about the same, is the report of Henry Smith. Stocks of all seasonable varieties, in both plant and cut flowers, were plentiful, and all sold well, plants especially finding ready call, with lilies in best demand. In cut flowers, violets and roses sold best, with bulbous stock least sought. There was an increased demand for larger and better plants over previous years. The call for cut flowers seems to be on the decrease.

SEDALIA, MO.—The Archias Floral Co. reports an increase of 25 per cent in Easter sales this year over the corresponding period in 1914. There was practically no change in prices, except in carnations. The supply of plants was sufficient to meet all requirements, but a shortage existed in the cut flower supply. Popular priced plants had the call, very little high priced stock being sold. Made up stock sold very well. In the cut flower class all varieties sold well. Florist Telegraph Delivery orders increased 100 per cent.

DISEASES OF THE PEONY.

Fig. 5—A Healthy Bud and Two Rotted by the Botrytis Blight.

OMAHA, NEB.—Hess & Swoboda report the 1915 Easter sales as being a trifle less than business during the corresponding period last year, with practically no change in prices. While plenty of lily plants were on hand, the supply for good flowering plants of other varieties was not equal to the demand. Cut flower stock was of good quality and plentiful, and violets, lily of the valley and sweet peas were among the best sellers. High-priced plant baskets had little call. Fine weather prevailed.

KOKOMO, IND.—The volume of Easter business was about equal to that of a year ago, prices being about the same, according to W. W. Coles. The supply, both in plants and cut flowers, was equal to all demands. In the former class lilies were most called for, and spireas also sold well. Tulips were least in demand. In cut flower sales roses were easily first, with carnations second in popularity. Sweet peas also sold well, and there was a large call for jonquils and double daffodils. There was small demand for bulbous stock.

CANAL DOVER, O.—With prices about the same as last year, the Easter trade this year was about double that of a year ago, according to C. Betscher. Both plants and cut flowers were in plentiful supply. Hyacinths, daffodils and tulips in pans enjoyed an excellent call, and in the cut blooms, carnations, daffodils and roses sold best and in the order named. Business locally has been ahead of last year; in fact, several previous years. Collections have been good. A good Decoration day business is looked forward to.

BUFFALO, N. Y.—Prices for the Easter trade this year were 20 per cent less than a year ago and total sales showed a falling off of about 10 per cent, according to S. A. Anderson. Ample stock to meet all requirements was at hand. Lily plants and made up arrangements had a good call, and in cut flowers anything suitable for corsages was in good demand. Roses were least saleable. Orders were 20 per cent smaller than previous years, but customers were more numerous.

WATERTOWN, N. Y.—Fred E. Avery reports the Easter business this year as showing a sales increase of about 15 per cent over that of a year ago. Prices were about the same, there was just about enough stock in plants to supply the demand but the call for cut flowers exceeded anticipations and there was a shortage in many varieties. Sweet peas and violets were most in demand and favorable weather conditions were responsible for early buying.

TERRE HAUTE, IND. — With fine weather, making sales and deliveries easy, a plentiful supply of all lines of stock, and no increase in prices over a year ago, Heinl & Son advise that the 1915 Easter business was about the same in volume as for the corresponding period in 1914. Hydrangeas in the plant stock sold best.

BRAMPTON, ONT.—W. G. Peacock, of the Dale estate, reports Easter sales for 1915 as unprecedented—nothing short of extraordinary. There was a plentiful supply of stock of all kinds, good in quality, with prices the same as last year. In the plant division, lilies and orchids had a wonderful demand. Trade was much better than last year, and it is difficult to account for such a busy Easter, considering existing conditions in Canada at present. Lenten business was good from the start.

BANGOR, ME.—Prices for large plants were better than a year ago, and the volume of sales in total was about equal to the Easter business in 1914, reports Adam Sekinger. The supply of everything, both plants and cut flowers, was ample. Lilies sold out completely and rambler roses went well. Genistas were hard to move. In cut blooms, roses were in least demand, while all bulbous stock sold fast. The weather was good and trade began early in the week.

ROCKVILLE, IND.—With a shortage in some varieties, both in cut flower and plant divisions, and prices better than a year ago, the sales for the Easter period this year exceeded those of a year ago by about 50 per cent, is the report of H. B. Brubeck. Roses sold best among the cut flower lovers, carnations and daffodils not being called for to any great extent. Bulbous stock sold well. Business in general is better, showing an improvement over last fall.

MILWAUKEE, WIS.—Gust. Rusch & Co. report that prices on the majority of stock was higher than a year ago, and that the Easter sales for the 1915 season were about 25 per cent better. Stock of all kinds was plentiful, and all florists were well satisfied with quality and volume of business. Lilies and rambler roses sold best in the plant section. In cut flowers, bulbous stock moved slowly. There was a heavy demand for sweet peas.

PUEBLO, COLO.—C. Fletcher reports no difference in prices between the Easter trade of this year and that of a year ago, but a bank failure a few days before this year's event, caused a decrease in sales of nearly 25 per cent. Tulips and carnations were most popular in the cut flower class. Plant stock was plentiful, but anything over $4 was not wanted. The 10 cents stores sold cheap plants and hurt business to a certain extent.

FORT SMITH, ARK.—"Better business, prices about the same as last year, and plants and cut flowers in good supply, with the exception of carnations," writes Geo. Rye. Roses and tulips sold best in the plant division, with spireas least popular. In cut flowers there seem to be about an average call for all seasonable varieties. The weather conditions have not been conducive to good trade, only three sunny days in the month of March.

NEW ORLEANS, LA.—Abele Bros., in summing up the Easter sales this year report that the volume of business was about equal to that of the same period in 1914, prices being practically the same as at that time. Stock was plentiful, both in plants and cut flowers. In the former class, lilies and hydrangeas were most in demand, while lilies, carnations and sweet peas found most favor with the cut flower buyers.

SPRINGFIELD, O.—With prices a trifle higher than a year ago, the Easter trade for 1915 was about up to the usual average, according to Arthur J. Todd. Plants and cut flowers were in good supply, and blooming plants sold exceptionally well. In cut flowers lilies and violets were most popular, with carnations least in demand. Wholesale florists report business on a par with that of 1914, with good sales in bedding plants and ferns.

SPOKANE, WASH.—Hoyt Bros. report Easter business this year better than that of the 1914 period, with no change in prices. The supply of stock, both in flowering plants and cut blooms, was ample to take care of all orders. Easter lilies, hydrangeas and tulips sold best in the plant class, with roses and carnations vying with each other in the call for cut flowers. General business conditions seem to indicate better times coming.

DES MOINES, IA.—Mrs. N. B. Ashby reports trade during the Easter season this year as follows: "We are chiefly growers of gladiolus, and were badly hurt by dry weather with hot winds. Due to damage to the blossoms, prices were about 25 per cent below the average, and sales were consequently less. We had a market, however, for all salable flowers."

OKLAHOMA CITY, OKLA.—At least 50 per cent increase in sales over the 1914 Easter season, prices better, and practically a clean up in all stocks, is reported by Furrow & Company. Easter lily plants, hydrangeas and plant baskets were in great demand. In cut flowers, all varieties sold well, with lilies and carnations leading in favor. They report the best Easter business in the history of this city.

MONTREAL, CAN.—Business about the same as last year, with prices slightly lower, reports Julius Luck. Stock was plentiful. Among the plant varieties, spireas were least in demand, with a good call for lilies, hydrangeas and roses. All kinds of cut flowers sold well, with violets leading in popularity.

Easter in the Chicago Stores.

The Easter trade this year was very satisfactory, and, as usual, plants sold best, but cut flowers also had a good call, especially on Saturday, and cleaned up nicely. Plants and cut flowers in nearly all instances were of exceptionally fine quality, and the only complaint heard on this score was that stock in the larger sizes of rambler roses was none too plentiful. Several of the down town florists did not handle any pot lilies this year, because of the fact that a few of the department stores were having special sales on them at greatly reduced prices. Azaleas, hydrangeas, rhododendrons, rambler roses, lilies, spireas, genistas and deutzias, neatly arranged in baskets and boxes, were featured heavily everywhere. Bulbous stock in pots and pans, neatly done up, were also seen in large supply, but not so much as last year. In cut flowers sweet peas, violets and Mrs. Chas. Russell roses had the call, but other roses and carnations sold well, and, taken all in all, the weather was ideal for Easter, and business was very satisfactory, considering the unusually quiet season that has been experienced.

W. J. Smyth, 3101 South Michigan avenue, had a splendid display of rambler roses, azaleas and lilies artistically arranged in baskets, and one item in particular that attracted considerable attention this year was a box with a trellis back that greatly resembled a basket and which was filled with small rambler roses and was neatly arranged with ribbons and had an artificial butterfly set here and there. Mr. Smyth says the gross sales would have been a great deal better this Easter if the prices were as high as they were last year, but that on the whole, he was well satisfied with the amount of business done. A large electric cross, arranged with galax leaves and lilies, designed by Arthur Weatherwax, helped considerably to make the window display the most attractive and best ever.

DISEASES OF THE PEONY.

Fig. 6—Blighted Leaves. The Lower Surface of the Spot Covered with Spores of the Botrytis.

J. F. Kidwell Co., 3530 Michigan avenue, featured blooming plants on a large scale, and some of the finest hydrangeas and rhododendrons of the season were on display at this store. Lilies, genistas and bulbous stock in pots and pans were also offered freely, as was Scotch heather, which sold well. Practically all the plants that were sold at Easter came from the firm's own greenhouses at Downers Grove, and compared most favorably in quality to stocks offered anywhere else. American Beauty roses of unusually fine quality were only one of the many choice offerings in cut flowers. The new Hendricks auto truck came in very handy in making deliveries and was kept on the go all the time.

Chas. A. Samuelson and his able store force was busy as could be at his establishment at 2134 South Michigan avenue. Rambler roses, azaleas, spireas, bougainvilleas, lilies and other Easter blooming plants were the principal offerings, but bulbous stock in pots and pans was also handled in quantity and was on display in the window and conservatory early in the week, and many orders were booked on this account before the real demand set in. The trellis basket was used almost exclusively, as far as the rambler roses were concerned, and made quite a hit with the customers. Mr. Samuelson was somewhat disappointed because he could not get some of the larger sizes of rambler roses, as he figured on, for this is always a big leader with him.

At Oscar J. Friedman's store, 522 South Michigan avenue, a better line of novelties was never seen at any one establishment at Easter before, and it is pleasing to note that the customers like something different, for all the offerings in this line were quickly disposed of. In plants, azaleas, bougainvilleas, rambler roses and hydrangeas were the chief offerings, but straw vases were used almost exclusively instead of baskets, which attracted considerable attention. These straw vases were picked up by Victor Bergmann while he was east recently, and he evidently knew what he was doing when he bought a great number of them, for they add greatly to the beauty of the plant, after they are worked into shape, and are artistically decorated with ribbons in the pleasing Friedman style.

The Alpha Floral Co. had its usual large display of plants and cut flowers at its splendidly located store at the corner of Adams street and North Wabash avenue, and it was a pleasure to stop and inspect the window, for George Economopolus believes in both quantity and quality, and a great variety of stock was shown. Rambler roses, lilies, azaleas and bulbous stock were the principal offerings in plants, and in cut flowers everything reasonable was handled on a large scale, with choice butterfly sweet peas the leader. Trade was very good at this store, although it started in much later in the week than usual.

John Mangel, the Palmer House Florist, featured artistically arranged baskets of lilies, azaleas, rambler roses and hydrangeas in plants, and carried practically everything in cut flowers, especially roses, with Mrs. Chas. Russell as a headliner. A pretty window display attracted the attention of the public the entire week, and the report at this place is that business was fine and compared favorably with that of last Easter. Nick Lempres, who has charge of the deliveries, kept things moving in such grand style that all orders were delivered on time.

The Pansy Florist, 4044 West Madison street, had its usual magnificent showing of Easter plants, neatly dressed up in baskets, and also a fine window display that attracted considerable attention. Miss Anna Grace Sawyer was so busy filling orders that she hardly had time to eat, much less to speak to anyone during the rush.

W. W. Adams, Bellevue place, had a beautiful display of rhododendrons, azaleas and rambler roses artistically arranged in baskets, and a magnificent supply of bulbous stock in pots, pans and boxes. Lilies were also among the offerings, and while plants were the leader, cut flowers were handled extensively also, and everything pointed to a good Easter trade at the time of this visit, but the demand did not start in as early in the week as it should have.

Diseases of the Peony.

Fig. 7—A Dead Stock Covered With the Minute Sclerotia of the Botrytis.

The Ernst Wienhoeber Co. made a big showing of blooming plants of all kinds, arranged in grand style, with rambler roses and azaleas the chief offerings. Bulbous stock was offered in large quantities in pots, baskets and pans, and especially choice tulips were noted at this establishment. Mr. Wienhoeber's son, William, is a valuable assistant to him now at the store, and is a chip of the old block as far as waiting on the trade is concerned. Trade was good, and Baby Tausendshoen roses were the first item to sell out on the entire list of offerings. The conservatory came in handy for display purposes, and an up-to-date store in the residential district is hardly complete without a show house of this kind.

At C. Frauenfelder's store, 3343 Madison street, a big stock of pot lilies, azaleas, rambler roses, hydrangeas and bulbous stock was sold and trade was so brisk that the force, including Mrs. Frauenfelder and Miss Edna, had about all they could do to handle the orders. Chas. Werner, who has been with Mr. Frauenfelder for the past 14 years, had a nice supply of tulips and roman hyacinths as usual this Easter and practically everything in this line and in blooming plants cleaned up quickly. Wednesday, March 31, was a good day, for church orders were numerous and resembled a small Easter in itself. Prices according to Mr. Frauenfelder were not as high as last Easter, but the total sales will compare favorably with those of last year.

The Bohannon Floral Co., 57 East Monroe street, surprised the trade when it opened another place for Easter in the store building at State and Monroe streets formerly occupied by Bauman & Co. as a retail jewelry store. While trade was surprisingly good at this store it was also so at the main establishment on Monroe street near Wabash avenue and the other branch store adjoining the temporary location. but flowers were handled on an extensive scale and so were plants, especially azaleas, hydrangeas, rhododendrons, heather, rambler roses and other blooming plants in baskets, which were very handsomely decorated with ribbons, etc. Live canaries in small wooden cages were suspended from the rambler roses and made even a better hit than they did last Easter.

George Wienhoeber, 41 South Wabash avenue, had a very nice assortment of plants at his new store, and particularly noticeable were the splendid specimens of rambler roses in baskets made up with fancy leaved caladiums. Azaleas, hydrangeas and deutzias were handled on a large scale, but no lily plants or rhododendrons were offered at this store. Cut flowers were handled in large quantities, especially roses, cut lilies and sweet peas and one of the prettiest corsage boxes that one ever had the pleasure to look upon were the best offerings of the year. A beautiful corsage in this magnificent box was sold at a special introductory price of $5.00 and the demand was very heavy for them. Business was exceptionally good and the proprietor has no complaint whatever to make.

August Lange, 25 East Madison street, was busy all week, and his window displays attracted much attention. Practically everything in the line of plants and cut flowers was featured to meet the needs of rich and poor alike, and the store was completely filled with customers at all times. The dollar box as usual was in brisk demand, and taken all in all, everything sold well and extra trips to the market were necessary to replenish the stock and additional help, including Joe Bieber, was engaged to serve the customers. Sweet peas were handled in quantity at this store and were in brisk demand, as were violets, orchids and gardenias. Business at this establishment during Easter week compares favorably with that of last year with a slight increase in the total amount of business done.

At the store of Schiller, the Florist, 2221 West Madison street, George As-

mus and his clerks had all they could do to handle the trade, but succeeded in getting out all the orders on time because of the splendid system Mr. Asmus has of doing things. Lily plants were handled on a mammoth scale at this establishment, as were azaleas, rambler roses, spireas, hydrangeas and rhododendrons, artistically arranged in baskets and beautifully decorated with ribbon. A pretty narrow purple ribbon, edged with white, which bore the words "Easter Greetings," caught the eye of the buyers and made a big hit with them. To tell the truth, the display at this store resembled a flower show more than it did a show at a retail establishment, but everything on exhibit was salable and gave one a little idea how carefully the stock was selected to make as large a showing as possible and yet sell before the Easter demand was over. Spring stock was a big offering at this store, and the conservatories where Rheinold Schiller was in charge came in handy for dressing up the stock before it was sent into the store. Schiller's north side store, where Herman Schiller presides, also had a splendid showing of stock and enjoyed a splendid Easter business.

The Fleischman Floral Co., 84 East Jackson boulevard, featured blooming plants on an extensive scale especially azaleas, rhododendrons, hydrangeas, lilies and rambler roses and an enormous supply of cut flowers of every description and of the best quality obtainable. Some of the finest specimens of azaleas ever seen in this city were among the offerings at this place and the stock in general presented a most inviting appearance the way it was arranged in the pleasing Fleischman style. A large Easter egg of white cloth decorated here and there with yellow jonquils was something out of the ordinary in the way of a window display, but was most appropriate for Easter.

H. N. Bruns, 3034 West Madison street, was pleased with his Easter business and the display at his magnificent store and conservatories was a dandy one and he could not help but do business with the splendid facilities he has for showing his stock off to good advantage and being a man that believes in advertising he used every bit of space to good advantage, but was careful to avoid crowding so as not to spoil the effect, and looking over the baskets it seems as if somebody in his employ can trim baskets almost as well as he can grow lily of the valley. Hyacinths, tulips and other stock was a big item at this store, but a special feature was made of $3 baskets, which sold like hot cakes. Cut flowers were handled on a large scale at this store, and some fine lily of the valley in pots and pans attracted considerable attention.

John T. Muir had a splendid Easter trade at his store on Grand boulevard and featured plants on a large scale, including a good supply of bougainvilleas. Azaleas, rambler roses and all blooming plants sold well, as did cut flowers, and it was pleasing to note that everything cleaned up well.

The George Wittbold Co. had the best Easter trade that it ever experienced at both the Buckingham place and North Clark street stores as the result of the heavy advertising done in the daily papers. Prices were not as high as last year, but the sales early made up the difference and the demand was principally for made-up baskets of palms, bulbous stock, foliage plants, azaleas, spireas and rambler roses, at prices ranging from $3 to $8 each; but flowers also sold well, with everything in good demand, especially roses, a good portion of which came from the firm's own greenhouses at Edgebrook. There was a good demand for corsages and the increased store force had all it could do to handle the orders that kept constantly coming in over telephone and through other sources. Many telegraph orders were filled also, and after everything was checked up it was found that the Easter business this year was considerably larger than that of 1914.

Pacific Coast Horticultural Society.

SPRING FLOWER SHOW.

With the best display and the largest attendance it has ever had, according to Managers Platt and Fotheringham, the spring flower show of the Pacific Coast Horticultural Society, in the Palace of Horticulture at the exposition grounds closed Sunday, March 21. The society took advantage of California's space in the palace, which is still vacant, to mass a great display of spring flowers and plants. There were bulbous stock of all kinds in the greatest profusion, also flowering plants in great variety. Golden Gate park made a most worthy showing of begonias, calceolarias and cinerarias with a background of ornamental foliage plants, and also a fine collection of flowering shrubs. Ferrari Bros, San Francisco, Calif., captured nearly everything in the bulbous line. For the gold medal display they were hard presed by the San Mateo County exhibit, and A. McDonald, of the latter exhibit, received many encomiums for his splendid exhibit. George Nunn, of Menlo Park, Calif, showed a remarkable exhibit of flowering shrubs for such an early date and easily carried off the silver medal. He showed over sixty-seven varieties of flowering shrubs from the Sterns' estate, of which he is head gardener. Tom Breen, superintendent of the I. W. Hellman estate, won many firsts and received many congratulations for the splendid stock he showed, as did Martin Cass, of the Hillsborough Nurseries, for his splendidly grown lilies and Primula obconica. E. James and H. Plath had their usual fine show of Easter plants.

The following were prominent among the successful contestants for awards in the plant and cut flower classes: Ferrari Bros., San Francisco, Calif.; San Mateo County commission; Pelicano, Rossi Co., San Francisco, Calif; Domato Bros., San Francisco, Calif.; Schwerin Bros., E. E. James, Mrs. J. A. Scannavins, H. Plath, I. W. Hellman, Jr., George Nunn, Hillsborough Nurseries, Mrs. R. A. Darbie, and the United Floral Supply Co.

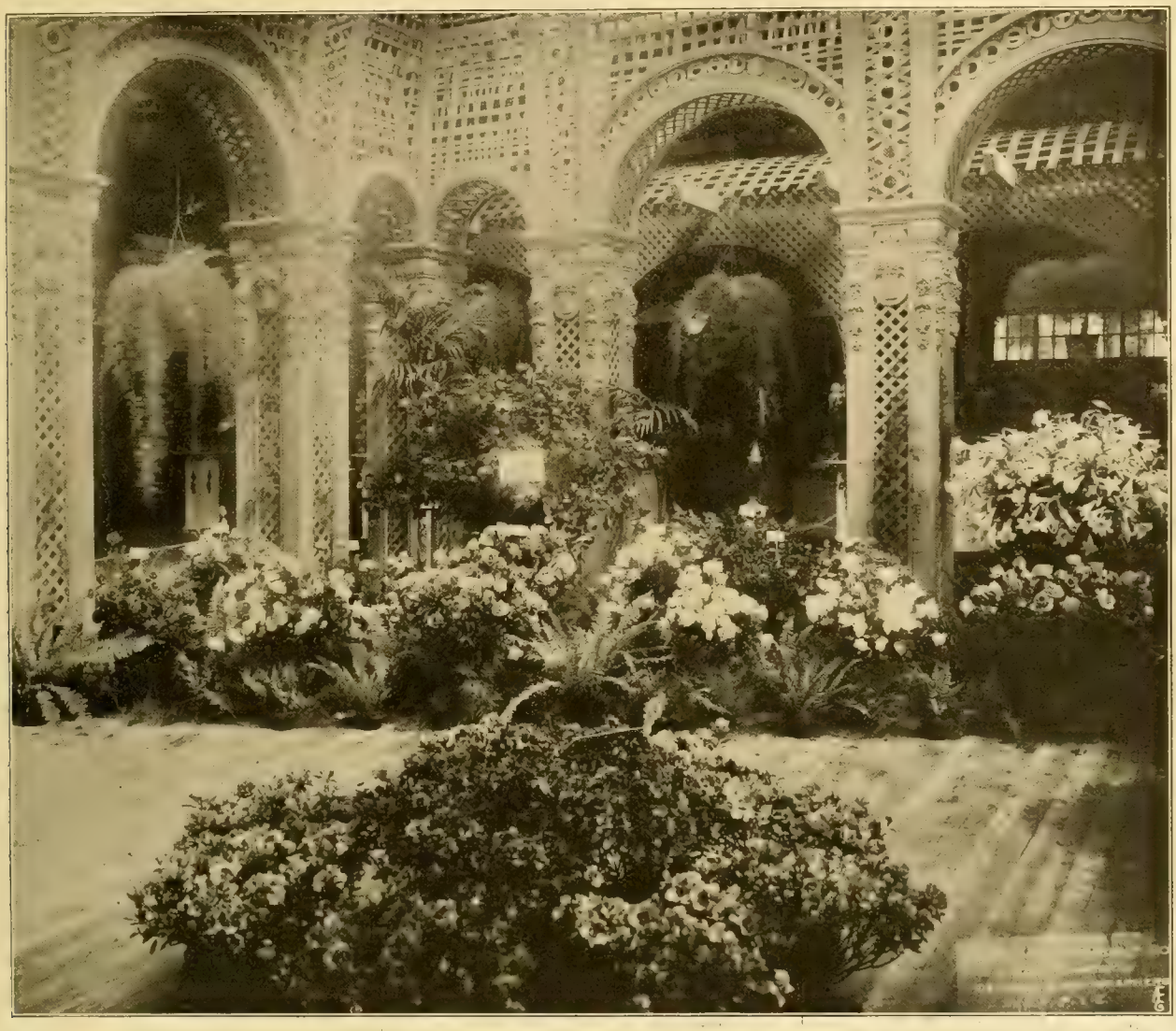
The judges were Frank Pelicano, J. Baldocchi, Chas. Mitchell, A. O. Stein, Otto Stein and Sidney Clack.

BISMARCK, N. D.—Hundreds of citizens of this city took advantage of the delightful weather and the invitation extended by the Hoskins Floral Company and visited the Hoskins greenhouses March 30. The Easter trade this year was a record breaker.

OGDEN, UTAH.—In reporting 1915 Easter business, F. J. Hendershot & Son write as follows: "With no increase in prices, business showed an increase of 100 per cent over the corresponding period last year. Easter lilies were first choice among the plants, and in cut flowers, azaleas, hyacinths and tulips were in best demand.

POUGHKEEPSIE, N. Y.—The Saltford Flower Shop has the following to say regarding the Easter business for 1915: "A very good Easter except the day previous when an old-fashioned blizzard struck us and raised 'old Hooo' with both customers and deliveries, but practically everything sold out, and take it all in all, Easter, 1915, was satisfactory to us."

GREENHOUSES OF THE PITTSBURGH CUT FLOWER CO., NEAR PITTSBURGH, PA.



CORNER OF PACIFIC COAST HORT. SOCIETY'S SHOW, PALACE OF HORTICULTURE, PANAMA-PACIFIC EXPOSITION.
E. W. McClellan Co's Exhibit of 15 Varieties of Indoor Roses, with H. Plath's Exhibit of Azaleas in Foreground.

PLANT NOTES.

Hydrangeas.

There are very few plants that are generally grown that show more variance in their culture or in the returns to the grower than the hydrangeas, especially those that are grown for summer blooming. In looking over the stocks in the several markets one will often see the extremes of these plants grown in the same sized pot; one with eight to ten heads of bloom, short and stocky with fine foliage, an ornament on any porch or in any yard; and the other tall and long jointed, with two or three heads of bloom and five or six branches with no flowers and the foliage thin and small; the former bringing the grower $2.00 to $2.50 and the latter hardly averaging 75 cents. Yet these two plants have practically cost the grower the same amount of labor. These plants grow rapidly and must have plenty of room, an abundance of sun and lots of nourishment. It is useless to try to grow a good plant when they are crowded together. Many growers finish these plants by raising the pots over the benches of bedding plants that do not now require the full amount of sun, placing the hydrangeas about four feet apart in the center of the bench and standing the pot on a stand two feet above the other plants. This gives the hydrangeas a fine location. When the plants have set their buds the pots will probably be full of roots and a watering of liquid manure once or twice a week will greatly assist them in finishing up the flower and keep the foliage in good color. To grow good hydrangeas they must have plenty of food, room enough to grow shapely and for the air to circulate all around the plant and a light, well ventilated location. Under these conditions they are easily grown and are remunerative to the grower.

Lilium Longiflorum.

Among the best flowers for greenhouse culture during the summer months is the Lilium lancifolium, of varieties rubrum, roseum album and Melpomene. While these varieties can all be grown outside, yet under those conditions they rarely give perfect flowers and they also tarnish quickly in the direct rays of the sun or under heavy rains and to have flowers that can be used for decorative work or designs it is far better to grow them under glass. Those that are to bloom in July should have been started in March, but for August blooming they can be planted now. One of the easiest ways to grow these bulbs is to plant them in boxes from four to six inches deep, not too large, but of a size that one man can handle when filled with soil. Do not fill the boxes too full when planting the bulbs, for like all lilies they throw out roots at the surface, so it is well to leave room for top dressing later. Grow them in a cool, shady location and after the spikes begin to grow give them plenty of water and keep them tied erect to stakes. Constant fumigation will be necessary to keep the green fly in check. This is in no way forcing these bulbs, and if properly dried off after blooming the bulbs may be grown year after year and a good crop of flowers obtained.

Freesias.

Although the freesias are a cheap bulb they should not be thrown away, for it takes but little attention to ripen them off after they are through blooming and as good bulbs can be procured as those that are purchased. The freesia is a native of southern Africa, so they are blooming at the natural season when flowered in midwinter in the north. But the bulbs must be allowed to mature their growth and then dried off gradually. The pots or boxes in which they are grown can then be

placed in full sunlight and allowed to become very dry. A shelf near the glass makes an admirable place on which to place them after the growth has finished and no more watering is required, but they must not stand where any drip from the roof on a stormy day is liable to keep them moist. They can be shaken out in June and the bulbs started, as it is comparatively easy to select the flowering bulbs and store in a dry place until wanted for planting. For Christmas blooming the bulbs should be started early in July and a succession of plantings until September will give the grower flowers until the following spring.

Gypsophila Paniculata.

There are few summer flowers that are of more use to the florist having a local trade than the gypsophila, for it lightens up work beautifully and greatly aids in softening the appearance of the summer flowers, many of which have a coarse look in floral work, and in bouquets, sprays and basket work the sprays are particularly useful. The grower not possessing a good bed of this should procure stock at once and plant them in a good, sunny position, and after once becoming established they require no further attention than to keep the bed free from weeds and occasionally cultivated. Seed can be now sown and as soon as large enough transplanted in rows outside where they can remain until another spring, when they can be again transplanted to permanent quarters, but to have plants that will bloom this year it will be necessary to procure older stock. The double form of this plant is even more beautiful than the single for some purposes, and its lasting qualities make it more valuable for a cut flower than the older variety.

Celosia Plumosa.

The plants of Celosia plumosa or the ostrich plume celosia are of very easy culture and make very showy plants for either the garden or the greenhouse. They form pyramidal bushes and the yellow and red plumes which resemble ostrich feathers stand gracefully above the foliage. While they make showy plants for the garden, finer specimens are grown under glass, and they make very showy plants in the late summer and fall. Seed sown in April will make fine plants for culture during the summer, but like all the celosias the young seedlings damp off easily. As soon as large enough they should be potted in good light soil in 2½-inch pots and later shifted to 4-inch, and to grow large plants to 6-inch pots. They should be grown in a good, strong light, for if shaded the plants will become drawn and the dwarf compact plants are more desirable. C. plumosa aurea, the orange ostrich plume, and C. plumosa coccinea, the crimson ostrich plume, are the two best of the older varieties, and Pride of Castle Gould, a new introduction of the last few years, is the best of all the ostrich plume varieties and can be obtained in many colors.

San Francisco.

MARKET CANNOT ABSORB HEAVY SUPPLY.

Business has improved a little since last report but at that it is not very much to brag about. The extremely and unseasonably hot spell, which was experienced last week forced all outdoor stock into bloom with such a rush that the market was unable to absorb the supply. Lilacs of the different varieties are now to be had in abundance. Peonies are also seen in some of the stores. Cattleyas have passed the stage where they seemed to be a glut and the limited amount arriving in this market is meeting with a brisk demand. There are all kinds of roses to be had, with the possible exception of long stemmed American Beauties. With the slackening up of the shipping trade in this flower, all varieties are overly plentiful. There is hardly any demand for carnations, Gorgeous excepted. The warm weather has taken the color out of most of the colored varieties, but notwithstanding this, some grand stock is being handled. All bulbous stock is very much in evidence and moving slowly at low figures. Violets are of poor quality and we do not expect to see much more of them this season. From present indications there will be plenty of lilies for Easter. It is a late one and most of the growers have their stock ready. Valley is plentiful, and sweet peas getting more so daily, although none of the grandiflora or Spencer type have appeared as yet. All the stores are featuring splendid exhibits of pot plants and are ready for Easter business, pot roses, azaleas and rhododendrons being the chief ones used. There is a large supply of smilax, ferns and greens, all of which is in demand just now.

NOTES.

Sidney Clack, of Mayfield, has been appointed on the international jury of awards by the department of horticulture of the exposition. There is no man in the trade who is more eminently fitted for this honor than Mr. Clack, and the exposition authorities are to be congratulated upon being able to secure his consent to act. Mr. Clack's services have always been eagerly sought by every show of importance held in this city and vicinity for a great many years, and he is looked upon as an authority on every subject pretaining to plants and flowers. We congratulate Geo. Dennison on his wise selection.

W. A. Phillips of Haarlem, Holland, has arrived in this city as the exposition representative of the Holland Bulb Growers' Association. He will superintend the Netherlands exhibit of hyacinths and tulips, which will portray on a small scale the multi-colored fields of flowers stretching all the way from Alkmaor, in Northern Holland, to the Hook of Holland. The Netherlands exhibit is one of the most elaborate at the exposition, and is always the center of admiring throngs.

The next regular meeting of the Menlo Park Horticultural Society will be held Thursday evening, April 8. A very interesting feature of the evening will be a lecture on sweet peas by Frank G. Cuthbertson, assistant secretary of the American Sweet Pea Society. Mr. Cuthbertson is a noted authority on this flower. He is also manager of the show to be held in the Palace of Horticulture, June 4, and a record attendance is expected to hear him.

M. H. Ebel, of Sacramento, accompanied by his charming wife, were visitors during the week, getting a line on the supply for Easter. He reports business as very fair in the capital city.

The Lynch Nursery Company is sending some splendid Silver Pink snapdragon to this market. This is somewhat of a novelty in this city and is meeting with ready sale.

Henry Maier, of the Hillsborough Nurseries, has been awarded the contract for the planting of the new park at San Mateo. Mr. Maier reports a very busy season.

Louis Copuro, who recently closed his store on O'Farrell street, has departed for Sacramento, where he has accepted a position with M. H. Ebel.

Dan Mac Rorie, vice-president of the Society of American Florists, who has been taking in the New York show, is expected home shortly. G. N.

Cincinnati.

GOOD EASTER BUSINESS.

Business for Easter was very good and fully up to expectations. The wholesale demand was regular and steady throughout last week, but the flower buying public did not begin to order or buy heavily until Saturday morning. By evening the retailers were calling for stock that they had passed up earlier in the day. Prices were fair. The market was tight on Monday of this week but by the end of the week everything will undoubtedly be plentiful again. Roses with the exception of the choice American Beauties sold nicely. All good carnations cleaned up readily. They were not quite as plentiful as usual on Easter. Enough Easter lilies came in to meet every demand. Callas sold readily. Sweet peas were in demand for Easter and all good receipts found a ready sale. Jonquils and daffodils, tulips and hyacinths all sold well. More lily of the valley could have been used had they been forthcoming. Neither orchids nor antirrhinums sold very well. Other offerings were rubrum lilies, primroses and forget-me-nots. Green goods were plentiful and sold well.

NOTES.

Thos. Burnett, the Price Hill florist, died on Sunday, April 4. His family have the sympathy of his friends in their bereavement.

C. E. Critchell has been getting in some very fine roses from Newman & Thomas, Richmond, Ind.

The Cincinnati Florists' Society will hold its regular meeting next Monday evening, April 12.

P. J. Olinger had in an excellent lot of stock for Easter. H.

St. Louis.

BIG BUSINESS PLEASES.

Easter, 1915, from all reports was one of the best on record. Growers, wholesalers and retailers appear to be satisfied. Flowers in all varieties brought good prices. Sweet peas were in demand and cleaned out with ease. Good violets were scare, the bulk coming in being small blooms hard to sell, and their keeping qualities were very poor. Lilies were good, callas a little scarce. Yellow jonquils in southern stock were good and sold well at reasonable prices. Narcissus poeticus also was in and sold at $1 per 100. There were quite a few long stem American Beauty roses, but short and medium stems were scarce. The plantsmen cleaned out. Miscellaneous stock, tulips, hyacinths and cinerarias sold well. Fancy ferns were scarce and brought $3 per 1,000. Other greens were in demand and sold well.

NOTES.

Dominic Bova has opened a flower counter in conjunction with a fruit store on Locust street, opposite the Railway Exchange building. He also has a large stock of blooming plants and ferns.

H. G. Berning had a fine supply of cut lilies, carnations, long stem American Beauty roses and all varieties of flowers in season.

Wm. C. Smith Wholesale Floral Co. had a splendid supply of extra fancy long stem sweet peas.

All the West End florists had great demand for blooming plants and large sales of cut flowers.

George Angermueller was very busy with outside orders for Easter novelties and supplies.

Chas. Ford, with Herman & Co., of New York, was a visitor this week.

The Florists' Union met Monday evening, April 5, at Library hall.

C. A. Kuehn is out with a new automobile truck delivery.

A mass of pink roses, rhododendrons, cinerarias of different colors, calla lilies and orchids were noted at Shaw's Garden, Easter Sunday. About 5,500 people attended.

Arbor day will be kept here April 9, celebration to be held at Fairground park. Mayor Kiel and Park Commissioner Davis will attend.

A. Jablonsky had his usual supply of fine cut carnations and filled all orders for lily plants, which have a yearly reputation.

O'Leary the Florist had an immense Easter trade and was rushed beyond all expectations.

Vincent Gorly returned to his post in time for the Easter rush.

W. F.

Witchita, Kans.

EASTER TRADE BEST IN YEARS.

Good weather, good stocks and good business was a combination that kept Wichita florists working and smiling through the Easter rush, although the smile was likely to be a little thin by midnight Saturday, for the florist who had worked straight through the day and night since early Friday morning. While exact figures are not yet available the volume of business is estimated at close to 20 per cent better than last Easter, with prices about as usual for Easter. The plant supply was the heaviest ever and sold accordingly. The supply of lilies was adequate, but sold up close. There was good sale for hydrangeas, rambler roses, azaleas, marguerites, etc. Pelargonium Easter Greeting sold to justify its name. The earliness of Easter was favorable for bulbous stock, which was in heavy supply and sold well as plants, but was not in heavy demand as cut flowers, although daffodils and Murillo tulips sold fairly well. The supply of cut flowers was augmented by shipments of roses and carnations from the wholesale markets, and was generally of good quality and adequate supply although a thinness developed Saturday evening in most lines. Sweet peas and violets were in good crop and cleaned up closely.

NOTES.

The month of March just past was one of the coldest on record, with less than six days of sunny weather and an average temperature of 5 degrees lower than that of February preceding it. It surely kept the florist hustling and guessing to strike right with the Easter stocks.

Easter decorations for churches seem to be growing less elaborate—and less generally in demand. So far, no florist has been heard to complain, for such work takes time and labor that can be more profitably engaged elsewhere during the rush.

W. H. C.

Nashville, Tenn.

BEST EASTER TRADE IN YEARS.

One of the very best Easter trades ever known was enjoyed by the florists in this city. The weather was very satisfactory, with just enough frost in the air to be pleasant. One of the finest stocks ever produced was on sale and there was an abundant supply of every seasonable flower. The demand was heavy, began early, and continued vigorous to the end. If there was one thing more noticeable than another it was rather in the superabundance of the supply over the demand, but there was a great quantity of stock sold. There was such a tremenduous supply that the growers realized the importance of reaching out from the stores and entered the market house with heavily laden wagons from which sales were made and with good results. There was no diminution in the call for flowers, but rather the reverse, but there is no doubt about it many more were grown than sold, and there was almost a glut of flowers. Plants seemed to meet with especial favor, but there was also a good call for cut flowers.

NOTES.

The Joy Floral Co., while exhibiting a most superb stock, attracted attention to its store by an unique conceit composed of its telegraphic orders. A telegraphic instrument was installed in one of his windows with baby ribbon for wires leading up to the different towns and cities from which he had received orders, filling a panel on one side. Beautiful flowers in the window gave emphasis to the idea and the numbers of telegrams—genuine ones—told what a large out of town business the firm had done.

Geny Bros. never had on sale more magnificent stock, nor enjoyed a better trade. Prices too had been very good and they were more than satisfied with the season's business. Their Killarney, both white and pink, and American Beauty roses were very fine, and they sold their entire supply.

McIntyre Bros. grew a tremendous stock and in order to move the greater part of it, had no less than fourteen different selling places and did a very large business. The West End store of this firm has been a great success and they have a never ending stream of trade.

In addition to the regular established floral stores, and their market house contingents, the 5 and 10 cent stores joined in the floral trade. These sales served to help move some of the surplus stock.

Louis H. Haury & Sons had especially fine rhododendrons and hydrangeas in addition to all the other blooming plants. Their business was very satisfactory and their flowers very good.

M. C. D.

State Florists' Ass'n of Indiana.

Everybody take due notice of the following and prepare to make the meeting and exhibition of the State Florists' Association of Indiana, April 13, the largest spring turnout in its history. The Muncie members have interested the Commercial club of that city, who have generously offered their club rooms for the meeting and exhibition and are preparing to give us one grand reception. Bring along something in the way of cut flowers or plants, either standard variety or novelty, for this exhibition. If unable to come yourself send same in care of Wm. M. Treffinger, Commercial club rooms, who will arrange the staging of the shipment.

The following is a program of the day, Tuesday, April 13, 1915:

Register, or make yourself known at the Commercial club rooms, as soon as you arrive.

11:30—Short business session.

12:30—Lunch at Commercial club rooms followed by discussion on new business, led by W. J. Vesey, Jr., and J. S. Stuart.

2:15—Auto tour of the city, visiting various places of interest arranged by Commercial club.

6:00—Dinner. Entertainment, music, etc. Address by E. G. Hill of Richmond.

The officers especially urge that all make a special effort to be present. A good time is assured, and the Muncie members are preparing for you.

O. E. STEINKAMP, Sec'y.

OBITUARY.

William Weil.

The trade in Chicago was startled to hear on Monday morning, April 5, of the murder of William Weil, a well-known florist, who has conducted a store at 421 West Sixty-third street for a great number of years. The murder was committed early Monday morning and the indications are that the crime was the work of robbers. His body, still warm, was found about 3 o'clock that morning, and that he had fought fiercely for his life and screamed for help before being choked into insensibility, was established by neighbors. When the police reached the scene he was found stretched out on the floor dead, with his hands and feet bound with a hemp rope. A piece of rope had been stuffed into his mouth and down into his throat, but no bullet wound was found, and the police concluded death had been due partly to strangling and partly to shock and fright. The body was fully dressed, which puzzled the police, for they could not explain why the man had been in street or office clothes at the hour of 3 a. m. Indications in the shop, however, pointed clearly to robbery as the motive for the crime. His trunks had been ransacked and his dresser drawers had been searched and left upset. The bedding had been toussled, indicating the supposed robbers hunted for hidden treasures between the mattresses. The cash register in the office had been broken into and rifled and the robbers probably got a good amount of money, the proceeds from heavy Easter sales of flowers. No clue to the guilty party or parties has been discovered, although a neighbor and his family, who notified the police, were arrested on suspicion, but later released. The late Mr. Weil was 55 years of age and was favorably known in Chicago, where by dint of hard work he had built up a well paying business. He was a bachelor and as far as anyone knows had no relatives in this city. What disposition will be made of the property has not been decided on. The authorities are trying to locate his people as early as possible.

Charles Scallen.

Charles Scallen, who eight years ago owned a florist shop in Broadway, New York, killed himself in that city, April 4, by inhaling gas. His suicide was the termination of seven and a half years of misfortune, during which time he met with financial reverses and loss of health. For many years he did a large business, supplying New York hotels and theaters with flowers, and was well known to many prominent actors and actresses and others in that city, but failed. Recently he had been employed as a clerk in a flower shop in Broadway, New York.

Elias G. Stockman.

Elias G. Stockman, 74 years of age, well-known nurseryman and florist, died of ulceration of the stomach at his home, a short distance north of Prospect, O., March 31. He had been in failing health for two years, but had been confined to his bed but a few weeks.

MARTINS FERRY, W. VA.—Davidson Bros. will open a flower shop in the Cropper building, Fifth and Hanover streets.

LAKE HAMILTON, FLA.—H. R. Mosnat is operating 10,000 feet of lath houses here, growing mostly asparagus, violets, carnations, chrysanthemums and roses.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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ENGLISH railroads are suspending shipment of nursery stock because of the pressure of government business.

WE are in receipt of the proceedings of the twenty-fourth annual convention of the American Carnation Society, held at Buffalo, N. Y., January 27-28, 1915.

EASTER business for 1915 is said to be about on a level with that of last year, except at Atlantic sea-board points, affected by the snow storm, where there was a considerable falling off. Snow at some eastern points during the holiday period is reported to have reached a depth of 19 inches.

Personal.

Edwin Lonsdale in a recent letter says his health is slowly but gradually improving and feels certain he will eventually be himself again, although it will probably take considerable time. He expects to go to a Los Angeles sanitarium for treatment this month.

C. W. Johnson, of the staff of contributors of THE AMERICAN FLORIST, and well known chrysanthemum and carnation specialist, has been appointed a juror of the Panama-Pacific exposition.

San Diego Celestial.

San Diego, Calif., March 23.—The spring is without question the time to see this beautiful country at its best. The exposition here is an architectural gem in a setting of semi-tropical verdure that could not be duplicated anywhere else in this country. I overheard a lady say the other day at the exposition she was beginning to lose interest in heaven since coming here.

R. J. HAIGHT.

When to Plant.

Inexperienced amateurs are often anxious to plant the first mild day of spring, regardless of cold weather risks, and the florist who sells them the stock serves his own best interest by advising such buyers of the safe dates for the outdoor planting of tender subjects in his locality. Further, it is a good plan to offer for such purpose only stock that has been properly hardened-off, the idea being to make the customer a constant advertiser of his dealer by keeping him pleased with the purchase throughout the season.

Glass Market

The glass market has firmed up a little and the indications are that it will remain so through the spring and summer. At present there is quite a large proportion of the factories manufacturing glass closed down on account of business being below normal, but there is no likelihood of any of them cutting prices during the present fire and the quotations are what may be termed half-way high. Considerable glass has been sold by American manufacturers for export, due principally to the fact that the large factories in Belgium were practically destroyed during the present European conflict.

American Gladiolus Society.

DEPARTMENT OF REGISTRATION.

The nomenclature committee of the American Gladiolus Society has approved the application of John H. Umpleby, Lake View, N. Y., to register Gladiolus Mrs. A. C. Beal.

Mrs. A. C. Beal (Umpleby's 385). Color rosy white, blotched Lincoln red, and with the median line shading to old carmine red. A fine color and an attractive blotch. The buds are quite salmony when they first open. Stamen filaments pinkish. Anthers light lavender. The flowers are well arranged. Bloom large, tube curved medium slender, medium long. Segments unequal, connivent, the upper horizontal and broad, the lower reflexed and narrower. Season early. Spike tall, erect, often curved; two or three to a corm, and producing a good number of flowers. Growth vigorous, well furnished with medium broad leaves. Corms large. Originated by John H. Umpleby, Lake View, N. Y.

Nature's Guide for Garden Planting.

Nature furnishes guides for garden planting which are even more reliable than the calendar, according to the department's garden specialist. The old residents of the soil such as the maple, dogwood, and white oak are the best interpreters of nature's moods in spring, and quickly reflect them, so that the gardener who follows their silent suggestions may arrange the planting of his vegetables accordingly.

When the silver maples begin to put forth their leaves and the "catkins" appear on the willows and poplars, nature is indicating that the season is right for the planting of such vegetables as lettuce, mustard, onion seeds and onion sets, parsley, the round-seeded peas, early Irish potatoes, radishes, spinach, and turnips. This, of course, is provided that the soil is in good order, which can be determined by taking a handful at a depth of 3 or 4 inches from the surface, compact it in the hand by closing the fingers, and if, upon opening them, the ball of earth gradually falls apart, it is ready to be spaded. Manure should then be buried a full spade depth below the surface and the soil should be made fine and compact with an even surface.

Not until about 10 days after nature has set the date for the above-mentioned vegetables should such garden truck as beets, carrots, and kohl-rabi be planted. A second sowing of peas can also be made at this time.

The dogwood and the white oak begin to show signs of awakening at a time when other vegetables may be planted. These include bush and pole beans, sweet corn, cucumbers, muskmelons, watermelons, and various kinds of squash. The gardener and housewife will rarely plant too early if they but wait for nature to tell them what to do.—Dep't of Agri. News-letter.

J. F. Ammann, Mayoralty Candidate.

J. F. Ammann, of Edwardsville, Ill., vice-president of the American Carnation Society, secretary of the Illinois State Florists' Association, and a leader in civic affairs, has announced he will be a candidate for mayor of Edwardsville on the People's ticket at the election, April 20. Mr. Ammann is a bank director, member of the board of education, and was formerly an alderman in that city.

Back Numbers.

ED. AMERICAN FLORIST:

I have nearly or complete files of THE AMERICAN FLORIST and other publications for many years back. These are getting so bulky that I have to file them away in such shape that they are not available for reference. I shall be glad to give these to some educational institution or library if sure they will be made available for reference.

W. N. RUDD.

Morgan Park Station, Chicago.

Panama-Pacific Exposition Notes.

A good feature for the Sacramento Valley display in the California building would be a number of camellia trees in bloom. The trees could be taken bodily from Sacramento gardens, with sufficient earth about the roots and well boxed, to maintain a succession of flowers for weeks to come. There could be nothing more striking for visitors from the East, or, for that matter, any part of the world.

According to the San Francisco newspapers the attendance in the first twelve days was just a trifle short of 900,000, with receipts of one-half that many dollars. This is a record showing and the situation is the more unique because when the gates opened everything was ready, all debts were paid and there was a surplus in the treasury.

It is anticipated that the attendance from Eastern points will be heaviest in September.

Club Meetings Next Week.

Newark, N. J., April 11, 3 to 5 p. m.—Wein, Obst & Gartenbau Verein, 15 Newark street. Peter Caille, secretary, Newark.

New Orleans, La., April 11, 2 p. m.—Gardeners' Mutual Protective Association, 114 Exchange alley. John Parr, secretary, 4519 North Rampart street, New Orleans.

Baltimore, Md., April 12, 8 p. m.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets. Noah F. Flitton, secretary, Gwynn Falls Park, Station F, Baltimore.

Cincinnati, O., April 12, 8 p. m.—Cincinnati Florists' Society, Jabez Elliott Flower Market. Alex. Ostendarp, secretary, 24 East Third street, Cincinnati.

Cleveland, O., April 12, 7:30 p. m.—Cleveland Florists, Club, Hotel Hollenden, Club Room B. Frank Friedley, secretary, 95 Shaw avenue, East Cleveland.

New York, April 12, 7:30 p. m.—New York Florists' Club, Grand Opera House building, Eighth avenue and Twenty-third street. John Young, secretary, 53 West Twenty-eighth street, New York.

Norwich, Conn., April 12, 8 p. m.—New London County Horticultural Society, Buckingham Memorial. Frank H. Allen, secretary, 321 Main street, Norwich.

Rochester, N. Y., April 12, 8 p. m.—Rochester Florists' Association, 95 Main street, east. H. B. Stringer, secretary, 47 Stone street, Rochester.

Holyoke, Mass., April 13, 7:45 p. m.—Holyoke & Northampton Florists' and Gardeners' Club. James Whiting, secretary, French Hall, M. A. C., Amherst, Mass.

Newport, R. I., April 13, 8 p. m.—Newport Horticultural Society. Music hall. Wm. Gray, secretary, 53 West Twenty-eighth street, New York.

Chicago, April 14, 8 p. m.—Gardeners' and Florists' Union, No. 10615, 232 North Clark street. Louis Heidtman, secretary, 3610 North Richmond street, Chicago.

Morristown, N. J., April 14, 8 p. m.—Morris County Gardeners' and Florists' Society, Masonic hall. Edward Regan, secretary, 139 Madison avenue, Morristown.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By all-round gardener and florist, propagator and landscape. Address
C. F. DUMKE, Marseilles, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Head gardener wishes position in private place or institution; married, age 40, one child. German; best references. Address
M. STADLER,
1119 Sherman Ave., Madison, Wis.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—As foreman; perfectly good grower of American Beauties, tea roses and carnations. 32 years of age, single and sober. State wages in first letter. Address B. P.,
2014 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener on private estate; age 32, single; 16 years first-class experience on private establishments, under glass and outdoor. Address T. F. H.,
2103 Blue Island Ave., Chicago, Ill.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials.
FLORIST, 59 W. Ontario st.
Chicago, Ill.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY,
N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By an experienced gardener on private place. Fruit, flowers and vegetables, hot and cold graperies, hot house fruit, lawns, shrubs and all work required on private place. Best of reference. Address
Key 497, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States, have taken entire charge, can furnish best of references. Address
Key 475, care American Florist.

Help Wanted—Two capable greenhouse men on country estate. Address
B. HATHAWAY,
"Sonnenberg," Canandaigua, N. Y.

Help Wanted—Leading Chicago florist wants boy over 16 years of age to learn retail trade. State full particulars and wages wanted.
Key 500, care American Florist.

Help Wanted—Young man with good practical knowledge of floriculture, who can sell to the trade of New York and vicinity. State age, salary, experience. Key 503, care American Florist.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92,
Glen Burnie, Md.

For Sale—Complete delivery outfit, including a dandy horse, wagon, harness, etc., for $175. For further particulars address
Key 501, care American Florist.

For Sale—At once, on account of ill health, an indoor greenhouse stock lately left me by a will. Communicate with LAURA MORGAN,
1009 W. Kimber St., Danville, Ill.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain, on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Rent—Desirable location for retail florist. Lease expiring soon. Apply
T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

FOR SALE.

Extraordinary Opportunity.

My new greenhouse, 20 x 120, filled with late varieties of roses; two acres of best soil and A1 location. Here is a chance for a rose grower of small means. Write for particulars. Some sickness in family. Address

S. L. HARPER, R. D. 3, Tacoma, Wash.

LAND BARGAIN.

Fine lot, 82½ x 250 feet, splendidly located on Rock Island Railroad, near Walden station in Chicago. Ideal location for florist; excellent soil, plenty of city water and additional land adjoining if desired. Train every half hour and every other convenience that a greenhouse man may need. Can be bought dirt cheap at terms suitable to the purchaser. For further particulars address

F. W. PORTER,
Room 330, 175 West Jackson Blvd., Chicago

Store Bargain.

Splendid opening for florist with small capital. Retail flower store, well established business. Owner must leave city on account of poor health. Investigate quick. Address

Key 498, care American Florist.

FOR SALE CHEAP

Greenhouse Plant.

Three greenhouses and heating plant—15,000 feet of glass—12 lots and five-room dwelling house and barn, both in good repair; well and city water. Each house now in crop, with $3,000.00 worth now ready or nearly ready for market, and business to be turned over as a going concern. Auto truck and complete set of tools and instruments. On street car line and railroad in St. Paul, Minnesota. Must be sold at great sacrifice on account of death. Clear title to realty and personalty. Price, $7,500.00 cash. Address

Key 499, care American Florist.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price $3.00, Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St CHICAGO.

Our New Rose Mrs. Moorfield Storey

Has strong upright growth, the wood being very stout and smooth, with large handsome dark green foliage practically mildew or black-spot proof. The flowers, which are freely produced, are of good size and substance with abundant petals, opening freely. The color is a shell pink deepening toward the centre with the large smooth petals tipped deep rose. It will be a fine, yet distinct companion for the Mrs. Charles Russell Rose.

Own Root	**100,**	**$30.00**	**250,**	**$70.00**	**500,**	**$125**	**1,000,**	**$250**	**2,500,**	**$565**	**5,000,**	**$1,000**	**10,000, $1,800**
Grafts.....	"	**35.00**	"	**82.50**	"	**150**	"	**300**	"	**690**	"	**1,250**	" **2,300**
Eyes.....	"	**27.00**	"	**62.50**	"	**120**	"	**220**	"	**490**	"	**850**	" **1,500**

Own root and grafts delivered in March, 1915.

WABAN ROSE CONSERVATORIES Natick, Mass.

Boston.

EASTER TRADE A DISAPPOINTMENT.

The Easter business was far from that which was expected. The prospects of a record breaking year were good until Saturday, April 3, when New England was swept with a typical mid-winter blizzard, which tied up traffic and caused Easter shopping to be nearly impossible. Friday, April 2, was a very good day for the growers who brought their goods to the market, but nearly all of those who waited until Saturday had stock left on their hands. The plant trade during the week was very good, nearly every grower being completely sold out. Easter lilies fell off in prices from last year's reciepts, and rambler roses took the lead. Roses were abundant and brought low prices; in fact, many were left over and found no market at all. Carnations were in short crop, nearly every grower having less flowers than in previous years, consequently prices were very good in comparison with the general run of business. Violets were in demand and brought $1 per 100. Sweet peas also sold well at $1.50 and $2 per 100 on the Spencer types. Bulbous stock went very slowly, quantities finding no market whatever. Callas and lily of the valley brought good figures. The retail stores which were fortunate enough to have in a large quantity of orders, aside from difficulties in delivery, did a very good business, but most of the temporary stores, depending almost entirely on transient trade, considered themselves fortunate if they even got their money back on goods purchased. It is generally believed, that if it had not been for the unseasonable weather, that we would have had a record breaking Easter.

NOTES.

One of the few stores reporting an extra good Easter trade is that of Caplen the Florist, on Massachusetts avenue. He stocked heavily and closed out on nearly every line of stock. A. Roper, Jr., of Tewkesbury, acted as manager during the rush days and proved that he thoroughly understands the retail, as well as the wholesale end of the business. Hyman Caplen, Jr. member of this firm will join the ranks of the benedicts, Tuesday, April 13. His many friends in the trade join in wishing him every happiness.

Caroline Ball, of Southboro, Mass., had a fine crop of carnations during Easter week. She has a salmon-pink sport of Beacon that sold very well, as well as a quantity of Enchantress Supreme, which she considers a very profitable flower. Snapdragons Virginia and Phelps White are also grown.

John McFarland, of North Easton, Mass., is very well satisfied with the results of his Easter trade. He had 7,000 pots of Easter lilies, their fine quality making for them a ready market. He also had a good cut of gardenias and disposed of 15,000 lily of the valley.

One of the few carnation growers fortunate to be in full crop for the Easter trade was A. Roper, of Tewkesbury, Mass. Friday and Saturday, April 2-3, he disposed of 17,000 carnations. His new dark pink seedling, Alice Coombs, was by far the best selling variety he had.

Thos. Roland, of Nahant, Mass., sold completely out of his large crop of Easter plants. Rambler roses, French hydrangeas, bougainvilleas, genistas and heaths were his leaders. He had 17,000 roses during the week, Richmond, Ward and Killarney Queen being his best selling varieties.

R. E. Wadsworth, of Northboro, Mass., had a good Easter crop of cut flowers, included in which were carnations, mignonette, sweet peas, snapdragons and callas, all of which were of exceptionally fine quality.

The Budlong Rose Co., of Auburn, R. I., had a very good Easter cut. During the week they disposed of 75,000 roses. Their American Beauties were the best seen in the city, about 500 per day being cut.

Wm. Tailby, of Wellesley, Mass., reports a good Easter trade. He had some very fine spirea plants at his stall at the Boston Co-operative Market, as well as some well grown white snapdragon spikes. F. L. W.

Ft. Wayne, Ind.

SUPPLY NOT EQUAL TO DEMAND.

Easter this year was a surprise to many florists. Owing to present conditions, no increase in business was prepared for, and none expected over previous years. Consequently the heavy Easter trade was wholly unlooked for. The consensus of opinion, at this writing, is that the Easter trade of 1915 equaled if not far surpassed the Easter business of a year previous. The flowering plants were in fine condition and there were quantities of them, but most florists were either completely sold out, or could have sold almost as many more plants as they had handled. The cut flowers were all of splendid quality, and many more could have been sold had they been available. The variety in blooming plants comprised everything from the huge showy rhododendrons in the pink-pearl varieties to the modest pansy plants. All bulbous stock sold well and brought good returns. Double-tulips were great favorites, and hyacinths did not nearly go round. Easter lilies were notably good this year. They were also plentiful. Madame Shawyer, Russell, Killarney, Sunburst and Ward roses were fine sellers. Carnations were of good quality and antirrhinums were excellent. There was no end to the variety of flowers in demand for corsages. Violets were all sold out Saturday morning and pansies were used effectively in corsage work.

NOTES.

Plant baskets and the new geranium, Easter Greeting, which is darker than the Martha Washington and of the pelargonium variety, were features of the Easter business at the Bradley Flower Shop.

W. J. and M. S. Vesey report the wholesale trade unusually heavy, surpassing that of last Easter in volume in cut flowers. Their orchids, gardenias and roses were especially good.

The retail florists' reports concerning the Easter trade are all very favorable. The majority report a fine plant business and a heavy demand for cut flowers and for corsage work.

At the Flick Floral Company's store, the force worked all night filling cut flower orders. Their sale of the large stock of select plants was exceedingly heavy.

Miss Catherine Vesey has returned to Oxford college, Glendale, O., after spending the spring holidays with her father, Judge W. J. Vesey, and family.

Miss Doswell, of the Doswell Floral Co., says their lilies were finer than ever before. They disposed of 500 of these in two days' time.

The Anger Flower Shop had a good sale on large plants, and their trade demanded the finer flowers for corsages.

H. K.

Utica, N. Y.

The Central New York Horticultural Society will hold a fall show and offers an attractive list of prizes for children's exhibits of flowers.

Frank McGowan has sold out to Milton Williams and gone to Norwich, to take charge of the Quinn range of houses.

NEW ORLEANS, LA.—Horticultural hall in Audubon park has been declared insecure by the city building inspector and closed to visitors. The park commissioners are considering the question of demolishing the hall and using the material in the erection of a greenhouse.

Floral Publicity

We Specialize In High Grade Effective Direct Advertising

Increasing Florists' Sales

Up to within the last few years a great majority of florists did very little advertising. At best they used newspaper space for special occasions or printed circulars and dodgers, such as are used by butchers and grocers and the general run of small retail stores.

But conditions have changed in the retail floral business just as in every other line. Progressive florists are creating an ever-growing demand for flowers through judicious advertising. People in your city or in your community will buy flowers more often if the thought of flowers is kept constantly in their minds.

Realizing that the florist is selling a product that appeals to the love for the beautiful in every one, we determined to make our Florist folders the most beautiful and artistic advertisements possible to produce—make them fully in keeping with the high character of the business they represent and at the same time to give them the strongest possible advertising and selling punch.

We change the reading matter on all folder issues to meet your particular requirements. In this way you can quote prices or list stock that you have in large quantities and that you are anxious to dispose of.

The proper way to use these folders is to make a list of your present customers and then take your telephone book or city directory, or other sources of information you have at hand, and make a list of those people who should be your customers. Mail to each one of them one of these folders under 1 cent postage.

Your use of our Folder Service will bring you larger orders from your old customers, create new customers and more firmly establish your prestige in your city. You go right into the homes of those you want to reach.

Sample folders sent on request for

Spring Planting	**Memorial Day**
Mothers' Day	**Social Occasions**

McNEFF-SWENSON COMPANY

Floral Publicity Specialists

220 So. Michigan Blvd., CHICAGO, U. S. A.

POEHLMAN

72-74 E. Randolph St.,

Fancy Mrs. Chas. Russell Roses

Large perfect flowers on all lengths of stems in good supply. This rose is preferable to the American Beauty in the shorter lengths up to 36 inches, because of its superior quality. The Russell rose has perfect flowers on strong stiff stems, and possesses splendid keeping qualities.

SUNBURST-WARD-RED ROSES-All the KILLARNEYS-HADLEY
CARNATIONS-CATTLEYAS-SWEET PEAS-VALLEY-BEAUTIES

CURRENT PRICE LIST.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$5.00
36 inches long	4.00
30 inches long	3.00
24 inches long	2.50
18 to 20 inches long	$1.50 to 2.00
Short, per 100, $4.00, $6.00, $8.00 and	$10.00

	Per 100
HADLEY	$4.00 to $6.00 to $12.00
SHAWYER	4.00 to 6.00 to 12.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100
Extra long	$10.00
Long	8.00
Medium	$5.00 to 6.00
Short	2.00 to 3.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long	$10.00
Long	8.00
Medium	$5.00 to 6.00
Short	2.00 to 3.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50
Short ..... per 100, $4 00, $6.00, $10.00	

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

MISCELLANEOUS CUT FLOWERS.

	Per 100
Daffodils	$ 3 00 to $ 4.00
Jonquils	3.00 to 4.00
Tulips (our selection)	2.00
Tulips (double Murillo)	3.00
Tulips (yellow)	3.00
Tulips (Lorraine)	3.00
Tulips (double yellow)	3.00
Sweet peas (common)	.75
Sweet peas (Spencer)	1.00
Lilies (medium stem)	12 50
Lilies (short stem)	10.00
Violets (double and single)	.60 to .75
Violets (Single—Princess of Wales)	.75

Gardenias	per dozen, $3.00 to $4.
Cattleyas	per dozen, 4.00 to 6.

CARNATIONS.

	Per 100
Fancy	$3.00 to $4.
Our selection	2.
Splits	1.

LILY OF THE VALLEY.

	Per
Extra fancy	$4.
First quality	3.
Second quality	2.

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$ 0.
Smilax, doz., $2.00 to $2.50	
Sprengeri Asparagus	$2.00 to 3.
Asparagus Plumosus, per string, $0.60	
Leucothoe	1.
Adiantum	1.00 to 1.
Galax (bronze and green)	per 1,000 $1.
Eastern flat ferns	per 1,000 3.
Boxwood, per lb., $0.25	per case, 7.
Southern Wild Smilax	per case, 5.

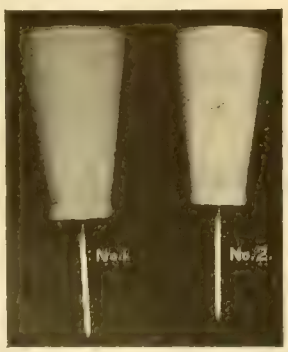
Hughes' Mothers' Day Box.

Constructed on original lines and designed especially for Mothers' Day. 24 inches long, 5 inches wide, 3¾ inch deep. Can be used for $1.00, $2.00, $3.00 or $5.00 orders. Suitable for any day in the year when sending flowers Mother on her wedding Anniversary, Birthday, etc.

Inside cover: Appropriate Poem to the White Carnation.

Outside cover: An illustration by the famous artist, Gabriel Max, done in exquisite four-color work, and a redolei quotation in decorative printing, combined in unsurpassed artistic effect.

Price, $5.00 per package of 10; $50.00 per 200. Don't Wait—Order Now.



Glass Cemetery Vases

10 inch, per dozen	$1.50;	per bbl., 5 dozen	$7.0
12 inch, per dozen	2.00;	per bbl., 5 dozen	9.0
16 inch, per dozen	3.50;	per bbl., 2 dozen	7.0

White and Green Enamel Vases

No. 1, height, 6¾, diam., 4¼, each	20c;	dozen	$2.0
No. 2, height, 6¼, diam., 3½, each	15c;	dozen	1.6

SHEET MOSS, fine fresh material, per bag, $2.00

N BROS. CO.

g Distance Phone, Randolph 35. **CHICAGO, ILL.**

WESTERN PALM HEADQUARTERS

rgest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

			Each
ch pots,	5 to 6 leaves,	18 in. high	$0.35
ch pots,	6 to 7 leaves,	24 in. high	1.00
ch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
ch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
ch pots,	6 to 7 leaves.	40 to 42 in. high	3.00
ch tubs,	6 to 7 leaves,	40 in., heavy	3.50
ch tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
ch tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
ch tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Belmoreana

Made-up Plants

pots	3 plants in a pot	24 in. high	$1.20
pots	3 plants in a pot	38-40. high	3 50

Specimens, very heavy, $10.00 to $12.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

ch pots,	5 to 6 leaves,	18 to 20 in. high	$0.35
ch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
ch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
ch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
ch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
ch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
ch pots,	3 plants in a pot,	28 in. high	$1.50
ch pots,	3 plants in a pot,	36 to 38 in. high	2.50
ch tubs,	4 plants in a tub,	38 to 40in. high	3.00
ch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
ch tubs,	3 plants in a tub,	48 to 54 in. high	5.00
ch tubs,	4 plants in a tub,	52 to 56 in. high	6.00
ch tubs,	4 plants in a tub,	5 ft. high	8.00
ch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
ch tubs,	4 plants in a tub.	6 ft. high	12.00

ry strong specimens, in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Phoenix Roebelenii

	Each
4-in. pots, nicely characterized, 40 cents.	
7-in. pots 22-in. high 30-32-in. spread	$2.00
7-in. pots, 26-in. high 34-36-in. spread	2.50
8-in. tubs, grand specimens	3.50

Areca Lutescens

6-in. pots, 3 plants in pot	1.00
7-in. pots, 3 plants in pot	1.50

FERNS—Boston, Whitmani, Roosevelt.

7 inch, each	$0.75	per doz.	$ 9.00
8 inch, each	1.00	per doz.	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Pandanus Veitchii

Highly colored, 3-in., 25c; 4-in., 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2,50 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in., $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

100,000 CANNAS

Very choice varieties. Extra strong plants. 4 in., $8.00 per 100; $75.00 per 1000.

SPECIAL OFFER

We are now book ng orders for a lot of several thousand **American Beauty** plants in 5 and 6 inch pots, which will be in full bloom the latter part of this month. They are extra fine and will sell like hot cakes. Give us your order now and we will reserve stock for you at 35 cents to 50 cents each.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

GRAFTED AND OWN ROOT ROSE PLANTS

estern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

afted, 2½-in.	Per 1000	Per 5000	Grafted, 2½-in.	Per 1000	Per 5000
elia	$130 00	$600 00	White Killarney	$110 00	$500 00
ley	120 00	550 00	Killarney Brilliant	110 00	500 00
dy	110 00	500 00	Richmond	110 00	500 00
Geo. Shawyer	110 00	500 00	Bulgarie or Taft	110 00	500 00
n Ward	110 00	500 00	Cecile Brunner	100 00	.....
arney	110 00	500 00			

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in.	Per 1000	Per 5000	Own Root, 2½-in.	Per 1000	Per 5000
White Killarney	$60 00	$275 00	Aaron Ward	$60 00	$275 00
Pink Killarney	60 00	275 00	Milady	60 00	275 00
Richmond	55 00	260 00	Hadley	70 00	300 00
Bulgarie or Taft	60 00	275 00	Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white.....$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

ITE—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
tober Frost	$2 50	$22 00	$3 00	$27 00
rginia Poehlmann	2 50	22 00	3 00	27 00
arles Razer	2 50	22 00	3 00	27 00
ise Papworth	2 50	22 00	3 00	27 00
H. Chadwick	2 50	22 00	3 00	27 00
mothy Eaton	2 50	22 00	3 00	27 00
nnwood Hall	2 50	22 00	3 00	27 00
ith's Ideal	2 50	.....	3 00	.....
onto	2 50	22 00	3 00	27 00
ice Salomon	2 50	22 00	3 00	27 00
NZE—O. H. Kahn	2 50	22 00	3 00	27 00
)—Schrimpton	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

CARNATIONS

Extra fine 2½ inch stock. Order early.

	Per 1000
Winsor	$30.00
Enchantress	35.00
Champion	65.00
Gorgeous	40.00
Scarlet Glow	35.00
C. W. Ward	35.00

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Big Reduction in Prices
OF FLOWERS

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

ROSES

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Rhea** and **Richmonds.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

Beauties.

A choice cut in all lengths of stems. Not many medium lengths are now being cut.

Carnations.

A fine supply of very fine quality pink, white and our extra fancy red **Belle Washburn.**

Sweet Peas.

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. $1.00 to $1.50 per 100.

Jonquils, Sweet Peas, Valley and **Greens**—large supply constantly on hand.

Tulips, all colors, single and double.

PRICE LIST

BEAUTIES.	Per doz.
Extra long specials	$3.00 to $4.00
30 to 36 in. stems	2.00 to 2.50
20 to 24 in. stems	1.50
15 in. stems	1.00
Shorter lengths	.50 to .75

Killarney Brilliant, Sunburst, Rhea Reid.	Per 100
Extra long stems	$8.00
Medium length stems	6.00
Short length stems	$3.00 to 4.00

Richmond, Pink Killarney, White Killarney.	
Long stems	8.00
Medium stems	$5.00 to 6.00
Short stems	3.00

Bulgarie, Pink and White Killarney.	Per 100
30 to 36 inch stems	$10.00

Roses, our selection of 500 or more at the rate of $25.00 per 1000.

Carnations.	
Red, extra fancy **Belle Washburn**	4.00
White, fancy	4.00
Pink, fancy	$3.00 to 4.00
Tulips, all colors, single and double	2.00 to 3.00
Jonquils and Paper Whites	2.00 to 3.00
Sweet Peas, according to quality	.50 to 1.50
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 2.50

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

GOOD EASTER TRADE.

The Easter trade this year was fairly good, everything considered, but was not quite up to that of last year, and the general report of the wholesalers is that the total sales were about 10 to 15 per cent less. Stock was not as plentiful as last year by about one-third, but prices were much better and held quite firm at the figures advertised. The shipping trade was very good, but the local demand was not as heavy as it might have been. Roses of all kinds sold well at good prices, especially in the longer grades, but carnations took a slump on Friday, April 2, which was due not to the fact that they were in oversupply, but because a large quantity of pickled stock was dumped in the market then, which met the same fate that it did in former years, and it is surprising that the grower should hold this stock back when it could have been sold early in the week, when it was in good condition, at good prices. As it was, this stock was sold at very low prices, but good, fresh carnations cleaned up nicely at very satisfactory figures. American Beauty roses were scarce, as the writer predicted they would be in the market report the past few weeks, and lilies also cleaned up nicely at good prices, considering the large supply offered. Violets did not sell as well as they might, although home-grown singles were in good demand and brought fair prices. Sweet peas were very plentiful and sold well, but prices might have been somewhat better. Orchids sold well and cleaned up at an early hour, and the same holds good for gardenias. Bulbous stock was in good supply and sold well, especially tulips and jonquils. Southern jonquils were seen in large supply everywhere, but did not sell any too well. The retail florists report a good Easter trade, but in most cases nearly all of them missed their best customers this year and attribute this to the fact that nearly all of them are attending the Panama-Pacific exposition at San Francisco, Calif. As an example one florist says: "Mrs. ——— is usually good every Easter for $300 or $400 worth of cut flowers and plants, but this year she is at the exposition and consequently no one got her order." This year prices were cut practically in half and a plant that usually sold for $10 and $15 brought only $5 and $8; but taken all in all the retail florists enjoyed about the same amount of business as they did last year, but had to handle twice the amount of stock to do so. The wholesale plantsmen sold out completely in all lines, and the fact that all the local florists dealt heavily in plants and because the demand did not set in until late in the week, none of them bought many cut flowers, but pushed plants instead; otherwise the market would have cleaned up completely. But taken all in all, everyone should be well satisfied, considering the unusually dull season experienced.

NOTES.

A. E. Turner of Rosin & Turner, Mosinee, Wis., is in the city booking orders for ferns known as snow birds, which they will start picking soon.

SNAPDRAGONS

Pink-Yellow, 50c to $2.00 per doz.

Sweet Peas - Roses - Carnations - Lilies - Tulips Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

MAMMOTH SUPPLY

MARYLAND---RICHMOND---KILLARNEY

and all other roses listed below. Trade here and get the best stock that can be produced under 2,000,000 feet of modern glass.

Current Price List.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	$0 50 to 75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Wards, Milady	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75
	Per 100
ROSES, our selection	$3 00
Carnations, select	3 00
Good grade	2 00
Harrisii	$12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00
	35

2,000,000 Feet of Modern Glass

FINE SUPPLY OF BEAUTIES

You can get what you need here in the desired grades at prices that are reasonable considering the excellent quality of the stock we are offering.

GOOD SUPPLY OF ROSES

All the best new and standard varieties in quantity to meet the demand. Killarney and White Killarney are especially fine now and we advise ordering liberally of these.

VALLEY--LILIES--SWEET PEAS--VIOLETS

and everything else that the market affords. You can always find what you need here in Cut Flowers and Greens, so give us your order. Do it today.

A. L. VAUGHAN & CO.,

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**

Miller & Musser are now prepared to fill all orders for cut flowers and greens at their new store at 179 North Wabash avenue, where they opened for business last week. Nicholas P. Miller needs no introduction to the trade, for he has been employed in the local market for a great number of years, and his partner, D. T. Musser, has conducted several retail shoe stores in the past. The new firm has a nice line of stock to offer, and some very choice sweet peas from the Frank Felke range at Gross Point is the leader this week.

Mrs. Irene Williams used inexperienced help at the Atlas Floral Co.'s store as far as the salesladies were concerned, and was pleased with the result, for they handled the trade nicely and her Easter business was very satisfactory. Herbert Stone's window displays are as big a drawing card at this store as ever and he evidently is a firm believer in the old saying that "variety is the spice of life," for he arranges them accordingly.

The John C. Moninger Co. has received several nice orders through its office at Cincinnati, O., one of which calls for two semi-iron frame houses, 35x200 feet, for Marion Bros., of Circleville, O.

USE **Budlong's** Blue Ribbon Valley.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

Wm. F. Schofield, the North State street florist, had a large decoration at Righeimer's buffet last week, in which he used quite a good supply of cut flowers and many pot lilies. The Easter trade at his store was good and the principal offerings were lilies, azaleas and spireas in plants, and practically everything in cut flowers. Henry Dunn, who is the proprietor's right hand assistant, looks after the store, which is always kept as clean as "spotless town."

The Chicago Florists' Club will meet at the Hotel Bismarck Thursday, April 8, at 8 p. m., when the committee on affiliation will submit an important report to be acted upon at this meeting. Chairman Fink, of the good-of-the-club committee, announces that arrangements have been made for an illustrated lecture on a "Trip to San Francisco and the Exposition." Lunch and refreshments will be served enroute.

The McNeff-Swenson Co., 220 South Michigan avenue, is having a brisk demand for their Spring Planting, Mothers' Day and Memorial Day folders, which are becoming more and more in favor each day with the retail florists. Many of the customers have increased their orders to nearly double the original number because the returns have been so splendid.

A. L. Vaughan & Co. had a good Easter business and the sales on Thursday, April 1, were $1 larger than they were for Thursday of Easter week last year. Friday was a better day by far, but the sales on Saturday were not as good as last year, but on the whole Mr. Vaughan is more than satisfied with last week's business.

Erne & Klingel were so busy last week filling Easter orders that Fred Klingel, who looks after affairs in the office, was called upon to lend Chas. Erne a hand in the shipping department. "Our Easter trade was very good," is the way Mr. Erne expressed himself when he was asked how business was.

At a meeting of the Retail Florist Co. held on Monday, April 5, the following officers were elected: George Stollery, president; George Walther, vice-president; and H. H. Wilkerson, secretary and treasurer. The company now has a permanent office in room 510 in the Fairbanks building.

The E. C. Amling Co. is located at 174-176 North Wabash avenue, instead of the numbers previously given. The firm was so busy moving into its handsome new quarters that it selected the numbers that looked best, but really should be those given above.

The Garland Mfg. Co. of Des Plaines is turning out an attachment for printing presses for the Queen City Ink Co., in addition to sash weights for another concern, which it has been manufacturing in large quantities the past few months.

ROSES--LILIES
Carnations-Valley-Violets
Our stock is the aggregate output of approximately 75 expert growers, thereby insuring our customers a selection and a variety of the finest product only. We endeavor to give satisfaction as to **Quality-Service-Price,** and respectfully solicit your patronage.
CHICAGO FLOWER GROWERS' ASSOCIATION
Wholesale Growers of Cut Flowers and Plants
176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Zech & Mann are still handling fancy sweet peas in large quantities, but are finding a ready market for all that they have to offer. The Easter trade at this house was very brisk and the demand for sweet peas was exceptionally heavy.

Tim Matchen had a splendid Easter trade at both his stores in Indiana Harbor and East Chicago. Mrs. Matchen likes the florist business first-rate and manages one of the stores.

Edwin Mullinson, with Chas. Samuelson, recently visited his friend Archie McDonald, at Milwaukee, Wis., where he is in charge of the flower stand at Gimbel Bros.' department store.

John Kruchten disposed of all his lily plants as well as all the cut lilies that he had to offer for Easter, which is doing fine, considering the large quantity of both that he handled.

George Perdikas is well pleased with his Easter business at all of his three loop stores and has every reason to be, for he sold out completely in plants as well as cut flowers.

Wm. Lubliner says his Easter trade at his South Wabash avenue store was splendid and that he had about all the orders that he could conveniently handle.

The Cook County Florists' Association will hold a special meeting at the Hotel Bismarck, West Randolph street, on Thursday, April 8, at 8 p. m.

M. C. Gunterberg disposed of all of her violets at Easter at good prices and could have sold much more stock if it was available.

Kawina Bros. opened their new store at 2202 South Fifty-sixth avenue, Cicero, last week with a splendid Easter business.

Frank Ayres, with Chas. W. McKellar, is suffering with a severe cold.

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO
Not the Oldest
Nor the Largest
Just the Best

ANNOUNCEMENT

IT is with pleasure that we announce the opening of our new wholesale store at 179 181-183 North Wabash Avenue, where we are now ready with a complete line of seasonable Cut Flowers and Green Goods to fill all the orders that may be entrusted to our care. Mr. Nicholas P. Miller, senior member of the firm needs no introduction to the trade, for he has been identified with the wholesale cut flower business in the Chicago Market for a great number of years, which alone is a sufficient guarantee that all orders will be given prompt attention and filled in such a way that will merit your future patronage. A cordial invitation is extended to everyone to visit our establishment and inspect our stock, which you will find compares favorably in price and quality to what the Chicago Market usually affords. A trial order is all that we ask. Why not give it to us now?

NOTICE TO GROWERS

While we are receiving a good supply of stock in general we can use still more to good advantage and invite you to consign a portion or all of your output to us. Roses and Carnations are particularly desired, but everything seasonable is needed, so if you feel inclined to give us a show send in a shipment immediately. Located as we are in the heart of the great central market a steady trade is bound to be enjoyed and so far we have had no difficulty in disposing of the stock we have had to offer since we opened for business, to the satisfaction of the growers who so kindly favored us with shipments the moment we opened. Ship all stock to

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Extra Large Supply

ROSES--CARNATIONS

Strictly fresh stock which will reach the out-of-town trade in fine condition. Try us and you will not be disappointed. In addition to all the leading Roses and Carnations we have a complete line of all other seasonable Cut Flowers and Green Goods and will fill your order to your entire satisfaction.

TRY US TODAY.

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

Louis Wittbold says that the George Wittbold Co. has another large job at the Federal League baseball park, which is now being enlarged and will call for considerable grading and sodding. The Wittbold Co. had the original order for laying out the grounds and did the work so well that Charlie Weeghman and his associates did not hesitate a moment in giving them the second order when it was decided upon that the present grounds were far too small. Mr. Emitslof of their firm left this week for Huntington, Ind., to superintend some work along the same line for a large corporation located there.

Ant. C. Zvolanek, of Lompoc, Calif., called on several of the leading sweet pea growers in this vicinity, leaving for Denver, Colo., on Friday, April 2. He has come to the conclusion that a dozen good varieties of sweet peas are all that are necessary and will select the best ones, and his visit here was more on a tour of inspection than anything else. His exhibit at the San Diego, Calif., exposition is a big advertisement and is well worth a visit.

USE **Budlong's** Blue Ribbon Valley.

John Schoepfle, 933 Belmont avenue, is doing jury service in the criminal court this week.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Prices As Low As Others.

Poehlmann Bros. Co. enjoyed a splendid Easter trade in all departments of its business this year and are pretty well satisfied with the outcome. At the greenhouses Tony Gabel and his men are busy potting up 200,000 carnations and the report is that the variety Philadelphia has made good and will be grown on a larger scale than ever this season. Enchantress will not be grown as heavily, but Wm. Akehurst will be given considerable bench space. In the plant department orders are now being booked for American Beauty rose plants in 5 and 6 inch pots, which will be in full bloom the latter part of this month. There has been such a big call for these in former years that several thousand have been potted up to accommodate their customers.

H. Van Gelder, president of the firm of Percy Jones, is a member of the Chicago Business Men's Prosperity Club, which has a membership of about 150 and which is quite large when one considers that each line of business can only be represented by one member. The club meets at luncheon every week at the new Morrison Hotel, where many a pleasant hour is spent. In speaking of the Easter trade the report at Percy Jones' store is that business was good and compared most favorably with last year.

H. R. Hughes has made arrangements with Poehlmann Bros. Co. to handle the Hughes' Mothers' day box exclusively in the future. T. E. Waters, who has charge of Poehlmann's supply department, will be pleased to furnish the supply houses with stock along lines that will be agreable to both. As Mothers' day is rapidly approaching no time should be lost if one intends to feature this article this year.

Wietor Bros. had a good Easter business and N. J. Wietor was pretty well satisfied with the sales the past week and states that roses in general sold better than they did at Christmas. Carnations of fine quality are arriving in large quantities at this store and clean up nicely each day. The demand for young rose stock is very brisk and shipments are going out each day.

Felix Reichling celebrated his first anniversary as manager at Peter Reinberg's store with one of the best Easter records that his firm has ever enjoyed. He has successfully passed through all the holidays and likes his position better and better each day. The firm he represents is cutting from a large crop of My Maryland roses of fine quality.

A. T. Pyfer & Co. celebrated their first Easter as wholesale florists with a fine business, both local and shipping. Roses and carnations are the principal offerings at this store now and fine stock in both lines is to be seen. H. E. Philpott, who is president of the firm, expects to leave for his home in Winnipeg, Can., the latter part of this week.

Bassett & Washburn had a very heavy shipping trade Easter week and a nice large supply of stock to supply their customers with. Mr. Washburn was satisfied with the amount of business done and remarks that all their own roses and carnations cleaned up at an early hour at good prices.

The two leading morning daily newspapers on Friday, April 2, carried large display advertisements for the Fleischman Floral Co., George Wittbold Co., George Wienhoeber, Ernst Wienhoeber Co., Mangel the Palmer House Florist, August Lange and Schiller the Florist.

Phil. Schupp says that J. A. Budlong's Easter trade was much better than last year and attributes this to the heavy crop of roses that his firm cut last week. The shipping trade was unusually brisk at this establishment and the local trade was also quite good.

The trade was greatly startled to read in the Monday morning papers of the murder of William Weil, the well-known florist, at 421 West Sixty-third street, an account of which will be found in the obituary column.

The Chicago Flower Growers' Association cleaned up quickly in American Beauty roses last week at good prices. The stock they are offering is unusually fine, as are the Killarney and White Killarney roses.

The E. F. Winterson Co. is having a new sidewalk built in front of their store, which will give more light to the basement underneath and which gives more space for its cut flower department.

Kyle & Foerster report a good Easter business which was fully as good as that of last year. Sweet peas are still being offered in large supply at this store.

Mrs. Frank Calvert, formerly of Lake Forest, died at Riverside, Calif., March 31, upwards of 80 years of age.

Manager Tricker, of Vaughan's Greenhouses, is making an eastern trip.

Visitors: A. E. Turner, of Rosin & Turner, Mosinee, Wis.; Ant. C. Zvolanek, Lompoc, Calif.

Detroit.

EASTER TRADE SURPASSES PREVIOUS YEARS.

Easter trade was by unanimous consent the greatest in volume, and most satisfactory in all respects, ever before enjoyed by the local trade. The entire week, up to Saturday, April 3, was unseasonably cold, and indicated unfavorably for the great event; but the clouds passed and the sun became strong by shopping time on Saturday, even though the air was still cold. All other conditions, too, were right for a big trade, and when Sunday noon approached everyone could say the trade was great and the people had been served with greater promptness and with a greater variety of flowers, selected from the largest stock ever displayed by Detroit florists. It was unquestionably a plant Easter, and little is the wonder for that, as the pot plants were never before seen in such splendid condition. The cool weather enabled the growers to properly time bulbous stock to the hour and no soft and overripe stock was to be seen. Everywhere it was manifest that the lily was in the lead in popularity, closely followed by azaleas in the higher-priced plants, while roses, spireas and hydrangeas completed the list of the ever popular plants. The threatened shortage of azaleas did not at the last hour develop, as many were brought in from distant points to add to the local growers' stock, and the result was an over-stock seen in some stores. In cut flowers those varieties used and most suitable for corsages sold best. Violets that were in good condition sold well, as did lily of the valley and sweet peas. High-grade roses moved rather slowly, but the stock of these was fortunately limited and no surplus was evident. Bulbous stock sold well, except perhaps the one item of daffodils, though great quantities were disposed of. American Beauty roses were not in great de-

BASKETS

Everything in Cut Flower and Plant Baskets. Send your order direct to us and we will save you money. Large shipment has just arrived from our large factories in Germany.

Raedlein Basket Co.

713 Milwaukee Ave., CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. The cars stop right in front of our store.

USE Budlong's Blue Ribbon Valley.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

USE Budlong's Blue Ribbon Valley.

H. B. KENNICOTT, PRESIDENT F. KENNICOTT REILLY, VICE PRES.

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

mand, nor was the stock on hand very heavy. Basket effects were, as heretofore, popular, but some dealers had too many for the demand. There was no distinct call for Boston ferns, though quite a few were sold. In closely analyzing the result of the big trade it might be said that the call was for moderately priced articles as compared with the same event a year ago, when prices ruled a few degrees higher.

NOTES.

The L. Bemb Floral Co. showed some beautiful bougainvilleas, and they sold readily, as did some magnificent hydrangeas, the latter grown by Aug. Von Boeselager, Mt. Clemens, Mich.

E. A. Fetters experienced his first Easter in his large Woodward avenue store, and its advantages were keenly appreciated in the unprecedented rush.

The Schroeter-Stahelin Co. is highly pleased with their first Easter business, which put their forces and delivery facilities to a severe test.

B. Schroeter had a splendid stock of rhodendrons and lilacs and his plant basket effects were strikingly beautiful and sold well.

John Breitmeyers Son's new Park store opened in time for the Easter trade and did a big business in high-grade goods.

The Michigan Cut Flower Exchange reports having done the largest Easter business in its history covering a similar period.

Gus H. Taepke did an immense trade in plants at both of his stores.

J. F. S.

KENNETT SQUARE, PA.—Walter M. Yeatman has sold his greenhouse and mushroom plant to Guiseppi & Bellina.

ELDORADO, KAN.—C. M. Salisbury has opened a flower shop in the Munson building, 126 West Central avenue.

MEMPHIS, TENN.—Miss Nell Bevan has opened a new store at 1127 James street under the name of Nell's Flower Shop.

E. C. AMLING CO.

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing.

Wholesale Flower Markets

Current Price List.

	Per doz.
Roses, Beauty, specials	$5 00
" " 36-in.	4 00
" " 30-in.	3 00
" " 24 in.	2 50
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
" Mrs. Chas. Russell	1 00@3 00
	Per 100
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Our selection	3 00
Carnations	1 00@4 00
Cattleyas.... per doz.,	4 00 to 6 00
Daffodils	3 00@4 00
Gardenias....per doz.,	3 00@4 00
Jonquils	3 00@4 00
Lilium Harrisii	10 00@12 50
Romans	2 00@3 00
Snapdragons..per doz.,	50@2 00
Spanish Iris	8 00
Sweet Peas	75@1 50
Tulips	3 00@4 00
Valley	3 00@4 00
Violets	50@1 25
Adiantum Croweanum	1 00@1 50
Ferns 3 00	
Galax " 1 00@1 25	
Leucothoe	75@1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@4 00
Boxwood, 25c per lb.	

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone, Central 328

Mention the American Florist when writing.

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

Mention the American Florist when writing.

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 162 N. Wabash Ave CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 2.00

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

BLIZZARD KILLS EASTER BUSINESS.

The feature of the Easter business was the fierce blizzard that struck the city with tremendous force on Saturday, April 3. The weather during the entire week had been cool, but bright, splendid for holding stock and there had been good and increasing business as the time drew near. The store men, the street dealers and the cemetery florists were all stocked up and in every way prepared for the grand rush. Then on Saturday morning came the knockout blow. The day opened cloudy, the temperature began to fall and all at once the air seemed full of snow. "Oh, its just a flurry, it will soon be over," was the wish and remark of many, but it grew steadily worse, developing into a veritable blizzard of thick, sticky snow that covered the ground to a depth of one foot on the level, and in some places drifted into piles three feet high and over. It was not safe to be on the streets; the air was so full of snow, one could scarcely see across the way. The street car and automobile service was quickly tied up and horses were soon exhausted. Such a storm was never before experienced here at this time of year and the effect on business was disastrous. The stores in the center of the city, with their regular clientele, while being greatly handicapped, managed with their resources to get along, and in summing up afterwards are fairly well satisfied with their business. The other classes of trade, the street dealers, the extra store men and those who depend on the cemetery visitors, suffered almost a total loss, as there was little or no business after the storm set in. In the center of the city, the wide pavements of the city hall held immense stocks of plants, which the dealers quickly rushed into the corridors, which afforded a sort of protection, but most of the stock was ruined. This was the case all over the city — everywhere the loss was great. If protected in stores, stock stood waiting for customers and is there yet, if not thrown out, as Easter stock is very hard to sell after the day is past. Towards noon on Sunday it cleared off, the sun came out and helped a little. A few sought the cemeteries, but with a foot of snow on the ground, the task was too great for most of them, so the dealers there lost out. It is a serious blow to the men of small capital, and felt to a greater or less extent by the entire trade. But for the storm, it is the opinion of good judges that this would have been a record breaking Easter in the volume of business. A more detailed account of the features of the trade will be given next week when the outlying districts are heard from. K.

WASHINGTON, PA.—McCallum & Co. of Pittsburgh, have filed a suit against B. W. Spragg, florist, of Washington, to recover the sum of $698.34, with interest upon $400 from October 22, 1913, and upon $298.34, from October 23, 1913. This sum is alleged due on a certain promissory note, given as security for certain merchandise sold and delivered to the defendant.

Wholesale Flower Markets

BOSTON, April 7.	Per 100
Roses, Beauty	5 00@50 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, April 7.	
Roses, Beauty, special, doz.,	6 00
" " fancy, "	5 00
" " extra "	3 00
" " No. 1, "	2 00
	Per 100
" " No. 2	4 00@ 6 00
" Killarney	4 00@12 00
" White Killarney	4 00@12 00
" My Maryland	4 00@10 00
" Killarney Queen	4 00@10 00
" Richmond	4 00@12 00
" Sunburst	4 00@12 00
" Ward	4 00@ 8 00
" Taft	4 00@ 8 00
Lily of the Valley	4 00
Lilies	10 00@12 00
Calla Lilies	10 00@15 00
Cattleyas	40 00@60 00
Carnations	3 00@ 5 00
Daisies	1 00@ 1 50
Snapdragons	4 00@ 8 00
Violets	75@ 1 00
Freesia	2 00@ 3 00
Mignonette	3 00@ 5 00
Paper Whites	1 50@ 2 00
Peas	50@ 1 50
Tulips	2 00@ 3 00
Daffodils	2 00@ 2 50
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00

CINCINNATI, April 7.	
Roses, Beauty	per doz., $1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 5 00
Lilium Giganteum	8 00@12 00
Asparagus Plumosus	per bch., 25c
Carnations	2 00@ 4 00
Hyacinths	3 00@ 5 00
Orchids, per doz	3 00@ 4 00
Violets	35@ 50
Narcissus (Paper Whites)	2 00
Sweet Peas	35@ 75
Jonquils	2 00@ 3 00
Rubrum Lilies	4 00@ 8 00
Tulips	3 00

ST. LOUIS, April 7.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	3 00@ 8 00
" White Killarney	3 00@ 6 00
" Aaron Ward	3 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	8 00@12 50
Valley	3 00@ 4 00
Carnations	3 00@ 4 00
Orchids	35 00@50 00
Violets	40@ 60
Asparagus Sprengeri, per bu.,	25@50
Asparagus Plumosus, per bu.,	25@60
Harrisii	10 00@12 50
Jonquils	2 00@ 3 00
Sweet Peas	25@ 75
Callas	8c@12½c
Ferns	per 1000, 2 50
Leucothoe	per 100, 60
Galax	per 1000, 1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Milwaukee.

EASTER BUSINESS EXCELLENT.

The local florists, both retail and wholesale, were more than pleased with the Easter trade, and there was plenty of stock to fill all orders, with the exception of red roses, which were rather scarce. All stock sold fine and brought good prices. Lilies were scarce on Thursday and Friday, but Saturday there were plenty to fill all orders, short stock being a drug on the market, owing to late arrival.

NOTES.

Gust. Rusch & Co. received heavy consignments from the Cudahy Floral Co., in all varieties of roses, and were right on crop with long American Beauties, which find ready sale. This firm reports business excellent, showing a great increase in sales over all previous years.

Harry Mann, with Gust Rusch & Co., has the sympathy of the entire trade, in the loss of his wife, which occurred Thursday, March 25, after an illness of three months. The floral pieces were many and beautiful.

C. C. Pollworth Co.'s greenhouses looked rather desolate after filling their large plant orders, and were practically all cleaned out. This firm also reports a fine cut flower trade.

Mrs. Baumgarten became very ill during the Easter rush with a very severe attack of appendicitis and will have to undergo an operation in the near future.

One of the most unique bodies for a delivery auto is being shown by A. Dettman & Son, and is certainly a fine looking affair.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

CORSAGE PINS.

With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz.....$0 15
Gross (12 doz.)..... 1 00

CORSAGE FOIL

Can be had in either green or violet color.

Per lb.....$0 25
10 lbs. and over at..... 20
20 lbs. and over at..... 18

CORSAGE CORDS

(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

—Write for complete list of other items.—

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.

Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206.

448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Arthur A. Schumann has opened a new store at Third and Wright streets. He reports a very nice business in his new store.

Mrs. Louis Manos was operated on for appendicitis April 3, and the last report was not a very favorable one.

Holton & Hunkel Co., cleaned out entirely in the plant line, and report a very fine business.

John C. Rost offered some elegant rose bushes to the local trade, which found ready sale.

Rudolph Preuss is displaying a new delivery auto for his retail business.

G. R.

Oklahoma City.

EASTER STOCK CLEANS UP EARLY.

The Easter business was splendid; everything sold out clean, and every florist is extremely well satisfied. We were favored with exceptionally fine weather, and stock arrived in fine shape as a rule. Previous experience has made buyers careful, so purchase of cut flowers from northern wholesale centers was done conservatively, consequently cut flowers were cleaned out quite early in the game and many more could have been sold had they been obtainable, particularly was this noticed in the call for carnations. Prices varied very little, if any, from those of former years. It is encouraging to report the growing demand for flowering plants; there was a big demand for all available kinds. Lilies perhaps, were the most in favor, and of these an unusual quantity had been grown by local men. Roses of medium grades were good sellers, as also were hydrangeas, tulips, hyacinths and the various types of narcissi. Spireas are losing favor as an Easter plant and have to be considered now as among the very cheapest, and yet well grown pelargoniums and primroses in five inch pots moved much better than the spireas.

NOTES.

Lon Foster, of Furrow & Company, said: "We had a splendid trade. It far exceeded our expectations. We bought rather carefully and sold everything out early."

Wholesale Flower Markets

PHILADELPHIA, April 7.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus.....per bunch.	50

PITTSBURGH, April 7.	Per 100
Roses, Beauty, special	40 00
" " fancy	30 00
" " extra	15 00
" " No. 1	8 00
" Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00
Carnations	3 00
Cattleyas	75 00
Lilium Giganteum	10 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00@ 2 00
Sweet Peas	75@ 1 00
Violets	50
White Lilac.....per bunch,	75
Asparagus Sprengeri, per bunch,	35@40
" Sprays.....per bunch.	35@40

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, April 7.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@ 8 00
" Ward, Sunburst	4 00@ 8 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@ 8 00
Carnations	1 50@ 3 00
Lilies	10 00@15 00
Snapdragon, per bunch, 50c @$1 00	
Sweet Peas	50@ 1 50
Valley	2 00@ 4 00
Violets	75
Tulips, Freesia	2 00@ 4 00
Daffodils, Trumpets	3 00
Romans, Paper Whites	2 00@ 3 00

George Stiles, of the Stiles Co., said: "We certainly had a great trade; everything gone except a few odds and ends in plants, not a cut flower left."

Wm. Bofinger, of Barteldes Co., said trade was three times better than expected; everything sold, and could have sold more.

S. S. B.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, $6.95 — 300 Bulbs, $18.00; 1200 " 70.00

C. S. & CO NEW YORK

1000 Pips, $15.00; 2500 " 35.00 — $7.95 Case of 500 Pips

LILY OF THE VALLEY PIPS

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

A DISASTROUS SNOW STORM.

A very heavy fall of snow April 3 made Easter business unsatisfactory, particularly to the cut flower men. It was such a day that few people cared to be out unless compelled to be, and it is well known what such weather does for the cut flower markets. Nearly everything in the line of cut flowers went cheap. There were some good orchids that sold up to 75 cents and $1 each. The best lilies did not go above eight cents and there was inferior stock that went much cheaper. On Easter morning it was stated that special American Beauty roses could be bought for $8 and $10 per 100. There was a surplus of all roses. Earlier in the week white carnations sold up to $4 and $5 per 100, but the storm came just at a time when the cut flower men expected business and their hopes were dashed. So far as we can learn the trade in plants was fair, particularly with the larger stores. It was a plant season whatever way you look at it. The plants were never better, in fact we doubt if they were ever before so good. Azaleas, roses in variety, Acacia paradoxa, genistas, the heathers and a variety of other plants were all seen in their perfection. Chas. Thorley is reported as saying, "It is the most peculiar Easter I have known in the business. It was as if a bomb or a siege gun had been fired through buildings and brought ruin. Of course, it appears now, the war and hard times helped, but I attribute a large part of it to the storm."

AT THE RETAIL STORES.

At the store of J. H. Small & Sons we noted a very fine line of plant stock. Particularly noteworthy were pink hydrangeas grown in their own range at Washington, D. C. It was stated by Albert Small that business had been satisfactory.

G. E. M. Stumpp had an exceptionally fine stock of plants and plant combinations and sold out well. At this store we noted rose novelties trained as battleships, aeroplanes, etc.

C. A. Dards had a very fine stock of plants and sold out well. Azaleas, Acacia paradoxa, roses and hydrangeas were very noteworthy at this store.

The old and reliable house of Alexander McConnell, as usual, came to the front with a great stock of fine plants. Business was good at this store.

At the store of Thos. F. Galvin, Inc., there were very fine and well flowered azaleas, bougainvilleas, genistas, roses and much other fine stock.

The clever and industrious Max Schling was as usual on the job with a large force of assistants and a fine stock and sold out well.

John B. Nugent, Jr., of Young & Nugent, who has recently made great improvements in his store, states it was the best Easter business he ever had.

Thorley's House of Flowers, was very gay with the best plants the greenhouses could supply.

NOTES.

Richard Scommadau, who for 34 years has conducted a retail store at Thirty-fourth street and Eighth avenue, has removed to a much better location, 485 Eighth avenue. Mr. Scommadau has an interesting history in the flower trade of this city. A native of Saxony, he was brought to this country by his parents when four years old. His father for many years grew flowers at what is now Union Hill, N. J. In 1859 Richard started in business at the old Hoboken Ferry house on West street and also at Twenty-fifth street and Eighth avenue. Among those who in the past have worked for him were "Big Bill" Devery, later a chief of police of New York, and the late Emil Le Moult. Though now well advanced in years he is yet active. The business is largely conduct by a son, Alexander, and a daughter, Matilda. Herman, the youngest son, holds a responsible position with A. L. Young & Co. of Twenty-eighth street.

Morris Fuld lectured on the "Annual Flower Garden" at the Craftsman building, April 6. His audience was largely ladies, seeking information on gardening. His talk was mainly for the benefit of amateurs, with instructions as to sowing and planting.

Chas. Scallen, well known as a prosperous Broadway florist for many years, ended a long struggle with misfortune and illness, Easter Sunday, by inhaling gas at his room, 300 West Fifty-first street. For further details see obituary.

The Tuxedo park bowling team will roll a match game with the New York Florists' Club team on the Tuxedo park alleys on the night of April 14. A return game will be rolled at Thum's alleys, New York, at a later date.

The Easter flower show at Union Square which usually brings in $20,000 to $40,000, had to be abandoned on account of the snow storm.

Mrs. John B. Nugent, who has been seriously ill with pneumonia, is now believed to be out of danger.

Scores of the New York Florists' Bowling Club, Thursday, April 1, were as follows:

P. Jacobson	168	155	158
J. Miesem	215	191	203
H. C. Riedel	193	188	206
J. Fenrich	161	193	152
A. J. Guttman	156	172	151
		A. F. F.	

WHEELING, W. VA.—Albert Kerher & Son have opened a flower store in the Hope building, South Fourth street.

DETROIT, MICH.—John Breitmeyer's Sons have opened their Park Flower Shop in the David Whitney building. The new establishment is one of the high-class shops of the city.

SAN FRANCISCO, CALIF.—The Yokohama Nursery Co. is mailing attractive circulars inviting the trade to visit its exhibit at the Japanese government grounds at the Panama-Pacific exposition, including the best forms of gardening peculiar to that country; also their specialties in dwarf trees, lilies and other plants.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Cleveland.

EASTER BUSINESS WAS GOOD.

Easter may be a good plant day, but it certainly was a good cut flower day also. The weather locally was ideal on Friday, Saturday and Sunday, after about three days of more or less snow and slush. Violets, lily of the valley, maidenhair fern, Aaron Ward roses, and other corsage accessories were in big demand, and the usual Easter parade was a procession of hats and flowers. Carnations, especially in the lighter colors, were in good demand. Pink and White Killarney had a good call, but long stock was scarce; plenty of short stemmed stock was on the market, but the week of dark weather left the Killarneys rather pale in color, and not quite up to their usual quality at this season of the year, also the crop was not as big as had been expected. Snapdragon was quite plentiful and in good demand. Sweet peas, although quite plentiful, were far short of the call and pansies too sold up early. Bulbous stock as usual was more than plentiful, and although much was sold, quantities remained unsold. Easter lilies were equal to a big demand. Red roses and American Beauties were scarce, with some wholesalers. Orchids were short of the demand. String smilax met with ready

J. K. ALLEN
Established 1878
106 West 28th Street
New York
Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer
Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
131-133 W. 28th St., NEW YORK
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi
Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

John J. Reynolds, Mgr. Phone Madison Sq. 4490
HUGH H. NELSON
Wholesale and Commission Florist
103 West 28th Street, NEW YORK

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED
Mention the American Florist when writing.

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.
Mention the American Florist when writing.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
57 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer
WHOLESALE FLORIST
103 West 28th Street, NEW YORK

sale. Asparagus plumosus and Sprengeri were abundant.

NOTES.

One of the most beautiful decorations seen in any Catholic church in Cleveland graced St. Joseph's altar in St. John's cathedral, in honor of the Holy Thursday repository services. At the top of the arch, white wistaria was used, emblematic of eternity, while on the sides were white marguerites, symbolic of peace and purity. The inner decorations were composed of pink and white Killarney. The Jones & Russell Co. executed the work.

Miss Francis Graham, daughter of C. J. Graham, 12,349 Euclid avenue, of the firm of Graham & Son, was married on February 24, to Carl Brandes, export sales manager for the Firestone Co., of Akron, Ohio. Mr. and Mrs. Brandes are making their home in Akron, where Brandes has amassed a fortune in rubber stocks.

"Billy" Merkel, of Merkel & Son, Mentor, Ohio, was the busy boy the past week, Merkel & Son being the largest growers of plants in this section.

Ant. C. Zvolanek, of Lompoc, Calif., originator of the winter flowering sweet peas, was a visitor here, Tuesday, March 30.

Mrs. Geo. W. Smith, president of the Women's Florist Club, has been quite ill for some time, being confined to her bed. J.

Wholesale Flower Markets

NEW YORK, April 7.	Per 100
Roses, Beauty, special	15 00@20 00
" " extra and fancy	10 00@15 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	5 00@ 8 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	6 00@ 8 00
" Mrs. Geo. Shawyer, special	5 00@ 8 00
" " " extra	3 00@ 4 00
" " " No. 1 & No. 2	1 00@ 3 00
" White Killarney, special	5 00@ 6 00
" Killarney, My Maryland... special	5 00@ 6 00
" " No. 1 and No. 2	1 00@ 3 00
" " Queen, special	5 00@ 8 00
" " Brilliant	1 00@ 6 00
" Aaron Ward	1 00@ 8 00
" Richmond, special	1 00@ 6 00
" Sunburst	1 00@ 6 00
" Taft	2 00@ 6 00
" Milady, special	2 00@ 6 00
" J. L. Mock	3 00@ 8 00
" Hadley	3 00@15 00
" Ophelia	3 00@12 00
" Mrs. Chas. Russell	2 00@12 00
Carnations	1 00@ 2 50
Cattleya Orchids, special	25 00@50 00
" inferior grades	15 00@20 00
Jonquils	1 00@ 1 50
Lilies, Longiflorum and Harrisii	3 00@ 6 00
Lily of the Valley	50@ 2 00
Tulips	1 00@ 1 50
Violets	15@ 35
Gardenias....per doz., $1.00@$2.00	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	2 50
Smilax.....doz. strings.	1 25@ 2 00
Paper White Narcissus, doz., $1.50@$2.00	
Sweet Peas, per doz. bunches.	35@ .50
" Spencer type, 100 flowers.	.50@1.00
White Lilac .....per bunch,	50@ 75

MACOMB, ILL.—Frank E. Bonham is making an addition 14x100 feet to his greenhouses. When this is completed, he will have 18,000 square feet of glass.

SPRINGFIELD, ILL.—Hembreiker and Cole say trade is unusually good. The people of this city are evidently waking up to the fact that flowers and plants are now considered essential in the home.

BOXWOODS

Exceptionally fine stock in the following shapes and sizes:

Bushes, 10 in.	25c, $3.00 per doz.
Bushes, 12 in.	30c, 3.60 per doz.
Bushes, 12 in. extra heavy, 10 in. wide	40c, 4.80 per doz.
Bushes, 15 in.	50c, 6.00 per doz.
Bushes, 18 in.	$1.00 each
Bushes, 24 in.	1.25 each
Pyramids, 30 in.	2.00 each
Pyramids, 36 in.	3.00 each
Pyramids, 3½ ft.	3.50 each
Pyramids, 4 ft.	4.00 each
Pyramids, 5 ft.	6.00 each
Pyramids, 6 ft.	12.00 each
Standards, 2 ft. stem, 12-15 in. crown	$2.00
Globe, 24 in.	$6.00 each

—ORDER TODAY—

THE GEO. WITTBOLD CO.

L. D. Phone, Graceland 1112

737-39 Buckingham Place, CHICAGO

Southern Wild Smilax

New Crop now ready for shipment $2.50 per case

Natural and Perpetuated Moss.

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA.

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

THE SEFTON MFG. CO.,
1333 W. 35th St., CHICAGO, ILL.

Minneapolis, Minn.

BUSINESS HEAVY AND PRICES GOOD.

There has been a good supply of all kinds of cut flowers for the past week. The only shortage noticeable has been in violets, orchids and long-stemmed American Beauties. Everything sold out at good prices, except bulbs, which sold from $2 to $3. Carnations brought $3 to $5, roses $4 to $10, violets 75 cents to $1.50, lilies $6 to $12.50. The retailers had a very nice Easter business. Plants of all kinds sold out at good prices and the demand for cut flowers was also good, but most of the dealers say they did not move the quantity of cut flowers they expected to, as they found most of their customers wanted plants. The weather was fine Saturday, and Easter Sunday was an ideal day, which made the cut-flower trade brisk, and the call for corsage extra good. P. C. H.

EUMETHEUS, ILL.—Fred C. Meyer and Eugene Dramm, florists at South Elmhurst, have incorporated under the name of the Meyer and Dramm Company. Additional houses will be built and the business increased.

GREENSBORO, N. C.—The Greensboro Floral Co. has moved to its new location, and the new flower shop is being made one of the handsomest in the state. The name of the new store will be the Rosery Flower Shop.

FLORISTS' REFRIGERATORS—CATALOG FREE

BUCHBINDER BROS.,

518 Milwaukee Ave., Dept. F, CHICAGO

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green Per 100

20x 4x3, Telescope		$1 60
24x 4x3	" "	1 90
18x 5x3	" "	1 60
21x 5x3	" "	1 90
24x 5x3½, 2-ply, Cover		2 25
30x 5x3½	"	2 50
21x 8x4	"	2 65
24x 8x4	"	2 90
28x 8x4	"	3 25
28x 8x5	"	3 75
36x 8x5, Telescope, Cover		5 25
40x 8x5	" "	6 75
30x10x5	" "	5 25
36x10x5	" "	6 75
30x12x6, Telescope		7 50
Palm Green Untinted.		
36x12x6, Telescope		9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices

A. A. Arnold Paper Box Co.

16-18-20-22 South Peoria St., CHICAGO

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers** and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully. Florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.

High Grade Floral Publicity.

224 So. Michigan Ave., Chicago, Ill.

Decorative Evergreens

Long Green Leucothoe, $2.00 per 1000.

Medium Green Leucothoe, $1.50 per 1000.

Short Green Leucothoe, 75c per 1000.

Ferns (Fancy and Dagger) 70c per 1000, or $3.25 per case of 5000

Galax (Bronze and Green) 45c per 1000, or $3.75 per case of 10,000.

Fresh Fancy Stock. Your Business is Solicited.

HAMPTON & PERKINS,

ROAN MOUNTAIN, TENNESSEE.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing.

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co.'s STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing.

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing.

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing.

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n.

PROVIDENCE, R.I.

and all **T. J. JOHNSTON & CO.**

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. **WASHINGTON, D. C., Cor. 15th & H. Sts.**

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

.:.:.FLOWERS.:.:.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

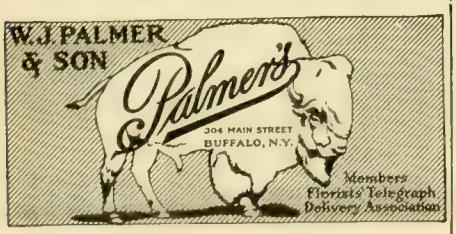
Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

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Boyle and Maryland Ave. **Both Long Distance Phones.**

Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

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Gudes'

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All Orders Given Prompt and Careful Attention

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The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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Floral Designs and Choice Cut Flowers

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Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

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Largest Floral Establishment in America. Established 1874. Incorporated 1909

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CLEVELAND

EUCLID AVENUE

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100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

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602 Davis Street, EVANSTON, ILL.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
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Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
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St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
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Washington—Gude Bros.
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Phones, 1552-1553 Columbus

Mention the American Florist when writing.

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Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing.

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A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

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Wire or Phone Your Orders to the HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West.

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EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

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We deliver anywhere in Canada and guarantee safe arrival.

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THOS. F. GALVIN INC.

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Deliveries to Steamers and all Eastern Points.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist

2223 W. Madison St. CHICAGO

All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

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25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

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1181 E. 71st St.

The Largest Growers of Flowers in City.

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PAUL M. PALEZ,

FLORIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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(Successor to Geo. A. Heinl)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivey.

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200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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Member of Florists' Telegraph Delivery.

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The Flower Shop The Leading Florists

69 MADISON AVENUE

KANSAS CITY, MISSOURI.

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Members Florists Telegraph Delivery Ass'n

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice.

Trade discounts. First-class stock.

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"Some Florist"

16 N. 6th St., **Ft. Smith, Ark**

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Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

PHILADELPHIA and VICINITY.

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1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Bulbs 48 Hastings St., E.,

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PHILIPS BROS, 938 Broad St.

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Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

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Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc.

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

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California Florists

will take care of all telegraphic orders.

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HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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DREER'S DOUBLE PYRETHRUMS

Clean, vigorous, healthy plants, from 4 and 5-inch pots, which if planted early, will give an abundant paying crop of choice cut flowers this season.

Aphrodite. Pure white.
Figaro. Red.
Leonard Kelway. Soft pink.
Lord Roseberry. Carmine-scarlet.
Meteor. Crimson-scarlet.
Mont Blanc. Pure white.
Ne-plus-ultra. Pale flesh.
Oscar. Crimson.
Walküre. Bright pink.
W. J. Tweedy. Carmine-red.

Any of the above varieties, $2.50 per doz.; $20.00 per 100.
Single varieties in fine mixture, $1.25 per doz.; $8.00 per 100.

For full line of
Seasonable Plants, Bulbs, Seeds, Etc.,
see our Current Wholesale Price List.

HENRY A. DREER
714-716 Chestnut Street, Philadelphia, Pa.
The above prices are for the trade only.

DOUBLE PYRETHRUM.

500,000 'Mum Cuttings

Some ready now. Chadwick Improved, $3.00 per 100; $25 00 per 1000. W. H. and Golden Chadwick, Chrysolora, Major Bonnafon, Yellow Eaton, Chas Razer, Lynwood Hall and Dr. Enguehard, $2.00 per 100; $15.00 per 1000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12.00 per 1000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. 250 at 1000 rate.
Orders booked now for future delivery.
Ask for prices on large amounts.

Morris Floral Co., Morris, Ill.

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000, Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1 00. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

BOXWOODS--Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½,ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Spring List Roses

Ferns, Plants, Vines, Bulbs, Etc.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

CARNATIONS

F. DORNER & SONS CO.,
LaFayette, - - Indiana

Big Quantity Carnation Cuttings

Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000
Pink Enchantress	$2.00	$17.50
Rose Pink Enchantress.	2.00	17.50
Mrs. Ward (dark pink).	2.00	17.50
White Perfection	2.00	17.50
White Enchantress.	2.00	17.50
Herald (extra fine red).	$3.00	$27.50
Josie Merle (fine pink seedling)	3.00	25.00
Philadelphia	3.00	25.00
Washington	3.00	25.00

2½ inch Pots

Josie Merle.....$3.50 per 100; $30.00 per 1000
Philadelphia..... 4.00 per 100; 35.00 per 1000

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000
White Killarney	$4.00	$35.00
Pink Killarney	4.00	35.00
Richmond	3.00	25.00
Maryland	$4.00	$35.00
Milady	4.00	35.00
Shawyer	4.00	35.00

BENCH PLANTS

	Per 100	Per 1000
Killarney	$6.00	$50.00
Richmond	6.00	50.00
Ward	$6 00	$50.00
Shawyer	6.00	50.00

Specify Plants When Ordering.

Peter Reinberg

30 E. Randolph Street, Chicago, Ill.

The Seed Trade

American Seed Trade Association

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

VISITED CHICAGO: N. B. Keeney, of N. B. Keeney & Son, LeRoy, N. Y.

BALTIMORE, MD.—W. H. Grenell, Pierrepont Manor, N. Y., called on the trade here last week.

BARRON, WIS.—A potato growers' association has been formed here with twenty-eight members.

ONION SETS at Chicago are selling around $1 per bushel for red and yellow, whites 15 cents higher, demand light.

SALLISAW, OKLA.—L. C. McNabb, C. M. Gay and J. F. Romans have incorporated the Farmers' Grain & Seed Co. The capital stock is $8,000.

FRENCH reports of March 16 indicate that the Syndicate for Defense of the Growers (Producteurs) will meet May 1 for fixing prices on French bulbs.

F. C. HEINNEMAN, of Erfurt, Germany, reports retail seed business excellent, especially vegetables. He says the demand for seed potatoes was 50 times greater than the supply.

LOUISVILLE, KY.—Fire completely destroyed the premises of Hardin, Hamilton & Lewman, onion set operators, the night of April 1. The building contained about 2,000 bushels of onion sets.

CHICAGO.—Prices for grass seed on the Board of Trade April 1 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.—Jas. J. Budlong and wife are visiting the two California expositions.

GERMAN horticultural papers are advocating greatly extended cultivation of vegetables this season, giving considerable space to directions for starting the seeds and sprouting potatoes in hotbeds, etc.

MINNEAPOLIS, MINN. — Northrup, King & Co. say trade for the month of March compares favorably with other seasons. The weather conditions in the northwest are backward and they anticipate a late season, which will insure a larger business for April.

SPRINGFIELD, MO. — Three thousand packages of garden seeds will be distributed by the Springfield Seed Co., to the poor of this city, who cannot afford to purchase seeds and who have a plot of ground in the rear of their homes that can be converted into a garden.

MILWAUKEE, WIS.—The fortieth anniversary of the establishment of Currie Bros. Company, seedsmen and florists, occurred April 1. While no formal celebration was planned the anniversary marked the consolidation of the concern's seed and cut flower business at 384 East Water street.

THE annual corn crop of Iowa is said to be worth more than the annual yield of either iron ore, anthracite coal, petroleum products, or the products of all the gold, silver or copper mines of the United States.

BOSTON, MASS.—The Fottler, Fiske, Rawson Co. reports that business shows a great increase over any previous year, and attribute this largely to the exceptionally pleasant weather they have had all through the month of March, not a single stormy day.

PHILADELPHIA, PA.—George P. Pilling & Son Co., of this city, well known manufacturers of poultry and cattle instruments, have taken over the patent of the Unique hedge trimmers, formerly made by the Fountain Cutlery Co. and will engage in their manufacture.

NASHVILLE, TENN.—There is now an unusually heavy demand for all kinds of field seeds, especially seed corn, according to Henry Rankin, of McKay, Reece & Co.—J. R. Peay & Co. report a very heavy demand for seed corn, peas, millet and sorghum, which indicates that farmers are preparing for large crops.

MADISON, WIS.—With the prospective supply of sugar beet seed from Europe, America's chief source of supply, cut off by the war, the University of Wisconsin college of agriculture is trying to provide sufficient seed at least for Wisconsin growers. It will, however, be two years before sufficient can be provided to aid with commercial quantities.

Grass Seed Analyses.

The weekly news letter to crop correspondents, Vol. II, No. 34, of the department of agriculture, dated March 31, contains reports on samples of Kentucky blue grass and orchard grass analyzed by the department during the year just closed. Contrary to the usual custom of the department no record is supplied of the examination by the department of other seeds. Of the 453 samples of Kentucky blue grass examined only 19 were found adulterated or misbranded and of the 404 samples of orchard grass examined only 42 were found to be adulterated or misbranded.

The government reports that the following seed laboratories are maintained through the co-operation of the department, located as follows: Columbus, Mo., Baton Rouge, La., Corvallis, Ore., LaFayette, Ind., and Berkeley, Calif.

Wm. A. Taylor is the present chief of the Bureau of Plant Industry.

Seed Law Bill in West Virginia.

From the many bills for a seed law introduced into the West Virginia legislature the house committee on agriculture has selected that of Delegate Herseman. This provides that all packages of agricultural seeds exceeding one pound weight must be labeled to show the name and variety of seed, name of seedsman, statement of purity and germinating power and locality where grown; that no agricultural seeds shall contain greater proportion of noxious weed than one in 3,000. Enforcement is placed in the hands of the commissioner of agriculture, who must be given access to all places in order to make inspection.

Catalogues Received.

Vaughan's Seed Store, Chicago and New York, seeds, bulbs and plants; Leonard Seed Co., Chicago, seeds; L. L. May & Co., St. Paul, Minn., seeds; Currie Bros. Co., Milwaukee, Wis., seeds; The Barteldes Seed Co., Lawrence, Kans., seeds; Valley Seed Co., Sacramento, Calif., seeds; J. J. Wilson Seed Co., Newark, N. J., seeds; J. T. Lovett, Little Silver, N. J., seeds and plants; J. D. Long, Boulder, Colo., seeds; W. Atlee Burpee & Co., Philadelphia, Pa., seeds; O. P. Jackson & Co., Houston, Tex., seeds; James Vick's Sons, Rochester, N. Y., seeds; The Geo. H. Mellen Co., Springfield, O., seeds and plants; The Western Seed Co., Denver, Colo., seeds; W. W. Wilmore, Denver, Colo., dahlias; The E. G. Hill Co., roses, carnations and chrysanthemums; Geo. S. Woodruff, Independence, Ia., gladiolus; L. E. Williams, Exeter, N. H., nursery stock; G. H. Hunkel Co., Milwaukee, Wis., seeds.

Sutton & Sons, Reading, Eng., seeds; Roustan Servan & Co., St. Remy-de-Provence, France, seeds; Wilhelm Pfitzer, Stuttgart, Germany, seeds; Henry Mette, Quedlinburg, Germany, seeds; Sluis & Groot, Enkhuizen, Holland, seeds; V. Lemoine et Fils, Nancy, France, seeds; C. Keur & Sons, Hillegom, Holland, gladiolus.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

PW

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's

SEEDS AND BULBS

WE are hard at work on our 1915 Seed Catalog which will contain some novel suggestions and real helps.

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BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

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Thick, Healthy Bulbs Grown by Us.	
Augusta, First size	12.00
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Giganteum, 7-9 inch	100	$6.00	
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We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white, each, ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant — Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

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See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

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Lavender Gem—A splendid early pure lavender, no yellow centers, very popular with florists. Trade pkt. 25c., ¼ oz, 50c.

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Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each, ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink, Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi-Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1.00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt, $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c. Single striped and blotched, ¼ oz. 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c. Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz. $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c

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Market Gardeners

Vegetable Growers' Association of America.

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Prices of Indoor Fruits and Vegetables.

Chicago, April 6.—Mushrooms, 55 to 60 cents per pound; lettuce, 12½ cents per box; radishes, 35 cents to 60 cents per dozen bunches; asparagus, $1.00 per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, $1.00 to $1.50 per dozen.

New York, April 6. — Cucumbers, $1.00 to $1.25 per dozen; mushrooms, 75 cents to $1.75 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $2.00 to $3.00. Lettuce, per dozen, 10 cents to 40 cents.

Strawberries Destroyed by Frost.

Washington, D. C., April 1.—Reports received by the office of markets and rural organization, of the department of agriculture from the Louisiana district, which shipped over 1,300 carloads of strawberries in 1914, indicate that the frost of March 21 destroyed three-fourths of the crop already set and will probably reduce the expected shipments of 2,000 cars by about one-fourth. The plants are setting another crop, but heavy shipments will be delayed for two weeks. Reports from the Carolinas, central Alabama, and Arkansas indicate no damage, but crop two weeks late.

The Seed Situation.

The seed situation is at least not normal. That is certain, and it will be less normal next season, as at the beginning of the war large stocks of seeds existed in Europe and in this country. Production in Europe will be greatly disturbed this season, which will be felt next season. We can commence right now to protect ourselves to some extent. We have purchased more seed than we need this summer for several seasons. In the first place, we expected to get some bad lots, and in the second place, we wish to carry over some of the best stock for next year. We have subjected all seeds received to severe and, in some cases, repeated trials and have run across a very weak lot of Scarlet Globe radishes—germination 25 per cent and very slow. This lot comes from a very prominent firm. As radishes form a great specialty with us, this test avoids a possible loss. On the other hand we received a remarkably vigorous strain of Golden Self-Bleaching celery and we will save most of that for use next year, using a small lot only for field trials. As a further protection, we removed a fine lot of selected Golden Self-Bleaching celery from the fields in November and planted them in a cool greenhouse and will attempt to produce our own seed. At present the plants are running to seed and very promising. Many stocks of seeds are first subjected to field trials and sold the second year by our seedsmen. The gardener can do the same, and thereby avoid much uncertainty. In testing seeds for germination one should remember that most seeds respond much better near to the natural season than in off months; in other words, a better stand is obtained in April than in December. At times several trials are needed to determine exact status; also, a satisfactory temperature must be provided. Such hardy seeds as lettuce, spinach, radish, beets, etc., should be tried in a low temperature corresponding with their nature, while heat-loving subjects must go into a warm place. A soil test is always more reliable than a "wet cloth" test. MARKETMAN.

Seasonable Notes.

It has been said, and most truthfully, that the gardener who could do all his work at exactly the right moment, would be a happy and successful man. There is for all work, a right and a wrong time; however, to hit the right time is quite another story as the obstacles are great. Successful market gardening requires foresight and action to a high degree. There is no surer road to success than to push operations whenever possible, far beyond actual needs at times. The old adage—"Never put off till tomorrow, what you can do today"—applies to our business exactly. Gardening means to operate with the weather and not against it, and what pranks the weather plays, we all know. A good gardener should be a fair judge of the weather, at least for a day or two ahead, and lately the weather service of the government is a decided help. Warned 24 hours ahead often saves us from serious trouble and losses.

We have just passed through an extra ordinary month of March—probably the coldest March on record in many years. With us there has been no snow or rain—plenty of sunshine and cold nights. The average night temperature must have been below 20°. We have never before seen the ground dry off nicer than this year; hence, we pushed the one thing that we could do—the plowing. With no frost underneath, the light crust could be broken readily and plowing was pushed until the first days in April finds the plowing practically done, which is a new record. We fully expect to run into a wet April and may not be able to plow again for a month—we have seen such cases. We have all the hardy seeds, such as onion, beet, carrot, parsley, radish, lettuce, etc., planted and the lands for cabbage, cauliflower and lettuce plants ready the moment the temperature rises. An examination shows most of the seeds sprouted and ready to push through as soon as freezing stops.

Such lands as we do not need for a long time to come, we roll with a heavy two-horse roller immediately after plowing, and in that condition the land can remain for a long time. It is in fine shape to receive rain, we can run over it with a lime spreader, a fertilizer drill, or manure spreader, and when the time is at hand, a cut-away disc harrow speedily reduces it for planting. Unplowed lands in the spring readily lose their subsoil moisture in hot windy weather; hence, rapid plowing is advisable whenever the weather permits. MARKETMAN.

New Orleans Horticultural Society.

The preliminary programme for a spring flower show to be held May 6-9 in Lafayette square, under the auspices of the New Orleans Horticultural Society, was arranged at a special meeting of the members of the society, March 29. President Chopin, who presided at the meeting, said a committee was prepared to report on the expense anticipated.

J. Steckler said Commissioner Lafaye had told the committee the society could have any part of Lafayette square for the show. He added that if there were any profits derived from the show the amount over the expense would be turned over to the women of the civic leagues of the various wards of the city pro rata, to be used in a plan for beautifying the city. The committee discussed the question of housing, requested President Chopin to report on that part of the committee's work. President Chopin said it was proposed to tent in a portion of the square at an expense of $350 to $500. Chas. W. Eichling said that a 10-cent admission would attract the crowds and would cover the expense, and it was suggested that a charge be made for exhibitors' space. One member said he thought in line of the city beautiful movement, the society could get up a creditable show of ferns, palms, hanging baskets and porch boxes and the public would not expect a great display of the rarer plants, in view of the limited time at the command of the society. He said the show should be an educational one to teach the public what their gardens should be.

There will be a special meeting called for Thursday, April 8, when all the leaders and members of the different civic leagues will be invited; also the president and members of the school clubs. This meeting will be held at the Association of Commerce hall.

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Trade Mark **American Spawn Co. St., Paul, Minn.**

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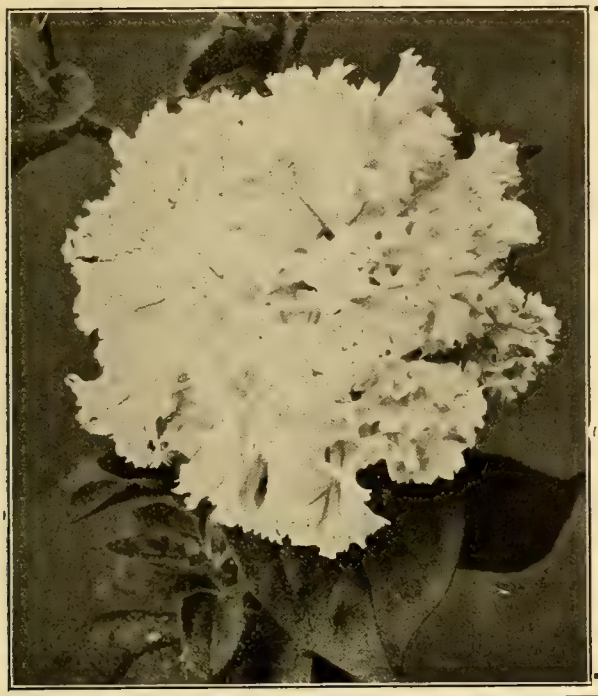
GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.



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Snow-Ball Petunia

A most select double white variety and a valuable plant to grow for summer cut flowers. We offer thrifty stock plants, which will furnish an abundance of cuttings in a short time, 3-inch pots, 85c per doz.; $6.00 per 100.

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Some Excellent Stock
For Potting After Easter.

To have ready for bedding out and Memoria day trade. Liberal extras for early orders.

Large 2 and 2¼-inch pot **Geraniums,** Henderson, Viaud, Ricard, Nutt, Grant, Montmore, Perkins, Meehan, Buchner, La Favorite etc, etc. Special Price, $2.25 per 100, $20.00 per 1000, Try some.

Size of pots.	Per 100	1000
2½ in. **Heliotropes,** 3 varieties	$2.75	$25.00
2½ in. **Marguerites,** white and yellow.	2.50	22.50
2¼ in. **Fuchsias,** 15 varieties	2.75	25.00
2¼ in. **Abutilons,** 8 varieties	2.50	22.50
2½ in. **Petunias,** double, 12 varieties	3.00	25.00
2¼ in. **Salvias,** Bonfire and Splenden.	2.50	22.50
2½ in. **Vinca Variegata**	3.50	30.00
3½ in. **Vinca Variegata** and **Green**	6.50	60.00
2½ in. **Asparagus Plumosus**	3.00	25.00
4 in. **Asparagus Plumosus**	7.50	70.00
2½ in. **Asparagus Sprengeri**	2.50	22.50
3 in. **King Humbert Cannas**	4.50	40.00
Funkia, Variegata clumps	5.00	45.00
Choice mixed **Pansy Plants,** in bud		3.50
Big Boston and Grand Rapids **Lettuce Plants**		1.50
20 varieties of **Cannas,** potted, true to name	4.00	35.00

25,000 4, 5, 6 in **Dracaena Indivisa,** $10.00, $20.00 and $25.00 per 100

"Golden Leaved Privet" ovalifolium aurea, 6-in. pot, 18 to 24 inches high, very bushy, 35c each; 4-in. pot, bushy plants, 15c each. Young plants for potting, $6.00 per 100. Excellent stock for filling urns and porch boxes.

Also abundance of other stock on hand. Correspondence solicited.

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PEKIN, ILL.

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DAHLIAS
Address
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P. O. Berlin, N. J. Williamstown Junc., N. J.

Hollyhocks, Gladioli And Cannas
Irrigation Grown

Hollyhocks, Double.

	100	1000
Newport Pink	$4 00	$30 00
White	3 00	25 00
Yellow	3 00	25 00
Pink	3 00	25 00
Rose	3 00	25 00
Red	3 25	27 50
Maroon	3 00	25 00

Cannas, Green Foliage Varieties.

2 to 4 eyes.	100	1000
Austria	$2 00	$17 50
Alph. Bouvier	1 75	15 00
Black Prince	2 00	17 50
Italia	1 75	15 00
Pennsylvania	2 00	17 50
Pres. McKinley	1 75	16 00
Queen Charlotte	2 25	20 00
Venus	2 00	18 00
Mont Blanc, Imp	5 00	

Bronze Foliage Varieties.

	100	1000
Egandale	$2 00	$18 00
King Humbert	2 25	20 00
Wyoming	2 25	20 00

Gladioli, 1½ inches.

	100	1000
America	$ 90	$ 8 50
Augusta	1 10	10 00
Brenchleyensis	1 00	10 00
Independence	1 00	10 00
Mrs. F. King	1 35	12 00
Taconic	1 35	12 00
Halley	2 50	20 00
Velvet King	2 00	17 50
Baron Hulot	2 00	17 50
Panama	6 00	50 00
Niagara	6 00	50 00
Pink Beauty	2 00	18 00
Glory of Holland	8 00	75 00
Lily Lehman	5 00	40 00

Cash From Uuknown Parties Please.

W. W. WILMORE, Jr.,
Wheatridge, Denver, Colo.

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IMPORTED STOCK OF QUALITY.
Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in. 25c
" " " 18-in. 45c
" " " 30-in. 2.00
Pyramids, 36-in. $1.75
" 42-in. 2.25
" 48 in. 3.25
Globes, 18 by 18-in. 3.00
Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

The Storrs & Harrison Co., Painesville, Ohio.

Mention the American Florist when writing.

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

NAPERVILLE, ILL.—The Naperville Nurseries have been incorporated by Helene, Emma and Frederick W. Von Oven; capital, $12,000.

PROSPECT, O.—Elias G. Stockman, nurseryman, died here March 31, at the age of 74 years. His health had been failing for two years.

GREAT NECK, N. Y.—The Nassau Nurseries have been incorporated by P. M. Polletreau, 2 Rector street, Manhattan, New York; capital $10,000.

KINGSTON, OKLA.—The ladies of the Civic League have just closed a tree-planting campaign that resulted in the planting of nearly a thousand trees in this city this season.

CUMBERLAND, MD.—Professor Bert W. Anspon, of the Maryland agricultural college, will deliver an address on the topic, "Beautifying Home Grounds," at the state normal school in April.

MANHATTAN, KAN.—Prof. M. F. Ahearn, associate professor of horticulture, will co-operate with the city board of education in the general beautification of the grounds of the ward school buildings.

BARTLESVILLE, OKLA.—According to local horticulturists the recent cold weather will do little if any damage to fruit and grain crops in Washington county. The fruit buds have not opened sufficiently to be hurt.

TAMPA, FLA.—Preparations are being made for the entertainment of the twenty-eighth annual convention of the Florida State Horticultural Society, which will meet in this city April 13-16. It is expected that 1,500 growers will attend.

OKLAHOMA CITY, OKLA.—According to an opinion by the attorney general the state board of agriculture has no authority to issue a certificate to do business in this state to a nursery company domiciled in another state. The inquiry was made by the board of agriculture in the case of the Texas Pecan Nursery Company of Arp, Texas.

Texas Peach Crop Damaged.

Telegraphic advices received by the office of markets and rural organization, United States department of agriculture, March 31, from the commercial peach area in northeastern Texas, estimate a damage of 35 to 80 per cent in the southern and central portions of this area, embracing Jacksonville, Athens, Marshall and Lindale. The northern points appear to have suffered but little. In 1913 shipments from these stations ranged from 5 to 150 carloads. In 1914 the Texas crop was practically a failure. Despite the recent damage estimated shipments from these points will range from 50 to 400 cars. Therefore it is probable that Texas will be a much more important factor in the commercial deal this season than in the last two years.

Damage to Pine Seeds from Disinfectants.

A study of the effects upon seeds and roots, of disinfectants used to prevent the damping off disease, has just been published by the United States department of agriculture, as a professional paper under the title of "Injury by Disinfectants to Seeds and Roots in Sandy Soils." Experiments show that the use of sulphuric, hydrochloric and nitric acids, or of copper sulphate, will not injure dormant pine seed, but in some soils will kill the root tips of germinating seedlings immediately after germination. In consequence these disinfectants can only be employed by persons able to recognize and prevent such injury. Injury to pine seedlings can be prevented by very frequent watering during the germinating period. This watering does not prevent the killing of annual weeds in seed beds treated with these disinfectants. The addition of lime to the soil, shortly after it has been treated with the acid, prevents injury to both pine and weed seedlings. The use of lime is not desirable in the case of pine, but may result in making possible the use of acid as a disinfectant for truck crop seed beds. Formaldehyde and mercuric chloride must be used several days before seed sowing if at all.

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SIDNEY, OHIO,
—Growers of Choicest—
Nursery Stock, Conservatory and Greenhouse Plants.

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BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
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Evergreen Specialists — Largest Growers in America
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Roses, Vines, Clematis, Perennials, Shrubs, Shade Trees.
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August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
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Shrubbery
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West Grove, Penna.

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Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
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200 Acres
Are noted for the exceptionally fine stock of
SHADE TREES AND SHRUBS.
A visit will repay you, as you will need just such stock for your clients who desire quick landscape results from their plantings. Special discount to gardeners.
SWAIN NELSON & SONS CO.
785 Marquette Bldg., Chicago.

Headquarters for
HEDGE PLANTS
I still have on hand a hundred thousand California Privet, 2 to 3 feet and 3 to 4 feet; fine stock at low prices Also a few thousand Amoor Privet, 1½ to 2 feet and 2 to 3 feet.
Contracts solicited for California Privet, Amoor Privet and Berberis Thunbergii in car lots for fall delivery.
J. T. LOVETT,
Monmouth Nursery
LITTLE SILVER, - N. J.

This Is PEONY Planting Time
Choice 3 to 5 Eye Roots.
FELIX CROUSSE — QUEEN VICTORIA
FESTIVA MAXIMA — M. JULES ELIE
MADAME DE VERNEVILLE
And Other Exceptional Florists' Sorts.
Price Our Selection for Cut Flowers.
25 for $7.00, 50 for $13.00, 100 for $25.00.
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Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. ceda· tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

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9-in. tub, 4 ft. spread ..... each, $4.00

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$2.50 per 1000. 5000 for $10.00.

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High Class **PALMS**

and Novelties in Decorative Plants.

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Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and Buchner	$10 00 per 1000
Ricard and Poitevine	12 50 " "
Asparagus Plumosus	25 00 " "
Smilax	12 50 " "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Asparagus Plumosus Nanus.

April Special Offer

ASPARAGUS PLUMOSUS NANUS

(New Crop.)

April is the ideal month to sow this seed. The seed we offer is **Northern Greenhouse Grown** stock of high germinating quality, the same high class strain as supplied by us for the last fifteen years.

	Per 1000
1000 seeds	$3.00
3,000 to 5,000 seeds	2.75
6,000 to 10,000 seeds	2.50

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Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Boston Fern, 2¼-in. pot, $4.00 per 100, $35.00 per 1000.
Teddy Jr. Fern, 2¼-in., $6.00 per 100, $60.00 per 1000.
Scholzeli and **Scottii Ferns,** 2¼-in. pots, $5.00 per 100.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Begonias, Tuberous Rooted, Single, seperate colors, $3.00 per 100.
" " " " mixed colors, $2.25 per 100.
" " " Double, separate colors, $4 50 per 100.
" " " " mixed colors, $4.00 per 100.
" " " Single Frilled, separate colors, $7.00 per 100.
English Ivy, 4-in. pot plants, 3 ft. tops, $12.00 per 100.
" " 3-in. pot plants, 2 ft. tops, $9.00 per 100.
Gloxinias, separate colors, $4.00 per 100.
Pelargoniums, 3-in. pot plants, 10 varieties, $10.00 per 100.
Vinca Variegata, 4-in. pots, fine tops, $10.00 per 100.
" " 3-in. pots, " " $7.00 per 100.

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Enchantress	$3.00	$25.00	**Commodore**	$3.00	$25.00	**Beacon**	$3.50	$30.00
Mrs. C. W. Ward,	3.00	25.00	**Northport**	3.00	25.00	**Champion**	6.50	55.00

For list of rooted cuttings see classified ad.

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THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

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Hoosier Beauty, grafted, 2½ inch	**$300.00**
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Special attention given on 3 inch and 4 inch stock for forward delivery.

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S. A. Nutt and other varieties, 2½-in. pots, $3.00 per 100; $25.00 per 1000.

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Cannas, Dry bulbs, 1 to 3 eyes of Allemania, Italia, Vaughan, Patry, at $1.25 per 100.

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Prices on application.

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Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia. 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Verbenas,** 2 in., $2.00 per 100.

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STRONG, WELL-ROOTED CUTTINGS.

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P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

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75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternantheras, red and yellow, $2 per 100. Jos H. Cunningham, Delaware, Ohio.

AMPELOPSIS.

25,000 Amelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

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Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

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Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

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Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

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ASPARAGUS PLUMOSUS, FRESH SEED, 1,000, 75c; 10,000, $6; 100,000, $50. Superior Nursery Co., Los Angeles, Calif.

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Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

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Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 in., $1.50 each. The Storrs & Harrison Co., Painesville, O.

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Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

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Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Begonias, tuberous rooted, single, separate colors, $3 per 100; mixed, $2.25. Double, separate colors, $4.50 per 100; mixed, $4. Single frilled, separate colors, $7 per 100. The Storrs & Harrison Co., Painesville, Ohio.

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Boxwoods, bushes, 10-in., 25c each; $3 per doz.; 12-in., 30c each; $3.60 per doz.; 12-in., extra heavy, 10 in. wide, 40c each; $4.80 per doz.; 15-in., 50c each; $5 per doz.; 18-in., $1 each; 24-in., $1.25 each. Pyramids, 30-in., $2 each; 36-in., $3; 3½ ft., $3.50; 4 ft., $4; 5 ft., $6; 6 ft., $12. Standards, 2 ft. stem, 12-15-in. crown, $2 each. Globe, 24-in., $6 each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Boxwood, fine well shaped plants. Can be furnished with tubs if desired. Bush shaped: 12-inch, 40c each; $4.25 per doz.; 18-inch, 65c each; $7 per doz. Pyramids: 3 foot high, $2.50 each; $4.50 per pair; 3½ ft., $3.50 each; $6 per pair. A. Henderson & Co., 369 River St., Chicago.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in. $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

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Bulbs, cold storage lilies: Giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

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Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

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Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

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Calceolaria Grandiflora, Compacta and Jams 4-inch, 15c; 3-inch, 10c. Cash please. Toledo Greenhouse, 2829 Chestnut St., Toledo, Ohio.

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100,000 cannas, very choice varieties, extra strong plants, 4-in., $8 per 100; $75 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, King Humbert, dormant roots, $3 per 100; $25 per 1,000; 3-in. pot plants, $5 per 100; 4-in., $8 per 100. W. W. Coles, Kokomo, Ind.

CANNAS.

Cannas, 2 to 4 eyes, Austria, $2 per 100; $17.50 per 1,000. Alph. Bouvier, $1.75 per 100; $15 per 1,000. Black Prince, $2 per 100; $17.50 per 1,000. Italia, $1.75 per 100; $15 per 1,000. Pennsylvania, $2 per 100; $17.50 per 1,000. Pres. McKinley, $1.75 per 100; $16 per 1,000. Queen Charlotte, $2.25 per 100; $20 per 1,000. Venus, $2 per 100; $18 per 1,000. Mont Blanc, Imp., $5 per 100. Egandale, $2 per 100; $18 per 1,000. King Humbert, $2.25 per 100; $20 per 1,000. Wyoming, $2.25 per 100; $20 per 1,000. W. W. Wilmore, Jr., Wheatridge, Colo.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 1 to 3 eyes, Allemania, Italia, Vaughan, Patry, $1.25 per 100. Jos. H. Cunningham, Delaware, Ohio.

CANNAS, standard varieties divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Vaughan's Firebird, 3-inch, dozen, $6.50; 25 for $12.50. Vaughan's Seed Store, Chicago and New York.

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STOP! LOOK! READ!

For immediate delivery.

FINE CARNATIONS FROM SOIL.

As we shall grow Roses more extensively this year we are cutting down on our Carnation growing. This being the case, we have a surplus of some very choice carnation stock to offer; stock offered is what we had intended to grow ourselves, for with the careful culture given them they have been worked up to large, healthy plants, and as such we guarantee that you will find them REAL LIVE VALUES, so here is your chance to secure choice stock at prices no higher than others, but of a quality far superior.

			100.	1,000.
500	Joy	Red	$4.00	$30.00
3,000	Victory	"	3.00	25.00
1,000	Matchless	White	6.00	50.00
2,000	Perfection	"	3.00	25.00
1,000	Philadelphia	Pink	5.00	40.00
4,000	Afterglow,	Dk. "	4.00	30.00

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400,000 ROOTED CARNATION CUTTINGS.

We have the following varieties in extra strong stock for IMMEDIATE DELIVERY:

	Per 100	Per 1000
Matchless (white)	$6.00	$50.00
White Wonder	3.00	25.00
White Enchantress	2.50	20.00
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Rose Pink Enchantress	2.50	20.00
Philadelphia (light pink)	6.00	50.00
Mrs. C. W. Ward (pink)	2.50	20.00
Northport (dark pink)	2.50	20.00
Peerless Pink (dark pink)	6.00	50.00
Enchantress	2.50	20.00
Champion (scarlet)	6.00	50.00
Beacon (scarlet)	3.00	25.00
Commodore	2.50	20.00
Conquest (variegated)	2.50	20.00

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

CARNATIONS—ROOTED CUTTINGS.

	Per 100	Per 1000
Enchantress	$3.00	$25.00
White Enchantress	3.00	25.00
Washington	2.50	20.00
White Perfection	2.00	18.00
Bonfire	2.00	18.00
Victory	2.00	18.00

WIETOR BROS.
162 N. Wabash Ave. Chicago.

Carnations, rooted cuttings: Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, $3 per 100; $27.50 per 1,000. Josie Merle, Philadelphia, Washington, $3 per 100; $25 per 1,000. 2½-inch pots: Josie Merle, $3.50 per 100; $30 per 1,000. Philadelphia, $4 per 100; $35 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

STRONG ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ward	$2.00	$15.00
Enchantress	2.00	15.00
Beacon	2.00	15.00
White Perfection	2.00	15.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1000. Herald, Philadelphia, $4 per 100; $35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, 2½-inch stock: Winsor, $30 per 1,000. Enchantress, $35. Champion, $65. Gorgeous, $40. Scarlet Glow, $35. C. W. Ward, $35. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CENTUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum cuttings, Chadwick Improved, $3 per 100; $25 per 1,000. W. H. and Golden Chadwick, Chrysolora, Maj. Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall, Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons: Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. Morris Floral Co., Morris, Ill.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c to 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1000; $2.50 per 100; 500 at 1000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1000. J. T. Lovett, Little Silver, N. J.

DRACAENAS.

Dracæna terminalis, 4-in., $3 per doz.; 5-in., $5; 6-in., $7.50. Poehlmann Bros. Co., Morton Grove, Ill.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

FERNS.

Boston ferns, 2-in. .... $3.00 per 100
Boston ferns, 3-in. .... 6.00 per 100

Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100.

Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.

ERNEST ROBER, WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotuim Schiedel, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, Whitmani and Roosevelt, 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Extra fine Boston and Asparagus hanging baskets, $1.50 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Boston, 2¼-in., $4 per 100; $35 per 1000. Teddy Jr., fern, 2¼-in., $6 per 100; $60 per 1000. Scholzelii and Scottii, 2¼-in., $5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

BOSTON FERNS, 2½-inch, strong, $5 per 100. WHITMANI, 2½-inch, $5 per 100. Superior Nursery Co., Los Angeles, Calif.

Ferns. Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FUCHSIAS.

Fuchsias, 2¼-in., 15 varieties, $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

G. & R. QUALITY GERANIUMS, 2¼-inch pots ready now, the kind that make you money, no guess work about it. It taxes our capacity to keep up with geranium orders. Now is the time to buy to put up for spring business. Do not neglect this, but order today. In following varieties, $3.00 per 100; $25 per 1,000; DOUBLE—Beaute Poitevine, E. H. Trego. Heteranthe, Jean Viaud, La Favorite, Mme. Barney, Mme. Jaulin, Marquis de Castellane, S. A. Nutt, A. Ricard. Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE CO.,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

Geraniums, 2 and 2½-in., Henderson, Viaud, Ricard, Nutt, Grant, Montmore, Perkins, Meehan, Buchner, La Favorite, etc., $2.25 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12¼c each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

GLADIOLUS.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000; 3,000 for $25; medium size, $7 per 1,000; 3,000 for $19. Augusta, 1st size, $12 per 1,000; medium size, $10. America, 1st size, $12 per 1,000; medium size, $10. Hyde Park, $60 per 1,000. Princeps, $30 per 1,000. Baron J. Hulot, $30 per 1,000. Special "Counter" mixture, 500 large bulbs, $3.75; per 1,000, $7.50. Ruffled Glory, $45 per 1,000. Shakespeare, $32.50. Florists' mixed, $15. Pink shades, $16. Red and scarlet shades, $11. Slate colors, mixed, $40. Lilac and violet, mixed, $35. Blue, mixed, $40. Vaughan's Seed Store, Chicago and New York.

Gladiolus, America, $1.40 per 100; $12 per 1,000. Augusta, $1.60 per 100; $14 per 1,000. Francis King, $1.60 per 100; $14 per 1,000. Princeps, $1.60 per 100; $14 per 1,000. Panama, $4.50 per 100; $40 per 1,000. A. Henderson & Co., 369 River St., Chicago.

GLADIOLUS BULBS, sixty named varieties. Send for whole Price List. MELROSE BULB IMPORTING CO., A. F. 5, Melrose, Mass.

"MRS. FRANK PENDLETON" Gladiolus in 2nd and 3rd sizes. A. E. KUNDERD, R. 4, Goshen, Ind.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

GLADIOLUS.

Gladiolus, 1½ inches: America, 90c per 100; $8.50 per 1,000. Augusta, $1.10 per 100; $10 per 1,000. Brenchleyensis, $1 per 100; $10 per 1,000. Independence, $1.10 per 100; $10 per 1,000. Mrs. F. King, Taconic, $1.35 per 100; $12 per 1,000. Halley, $2.50 per 100; $20 per 1,000. Velvet King, Baron Hulot, $2 per 100; $17.50 per 1,000. Panama, Niagara, $6 per 100; $50 per 1,000. Pink Beauty, $2 per 100; $18 per 1,000. Glory of Holland, $8 per 100; $75 per 1,000. Lily Lehman, $5 per 100; $40 per 1,000. W. W. Wilmore, Jr., Wheatridge, Colo.

GREENS.

Greens, long leucothoe, $2 per 1,000; medium, $1.50; short, 75c. Ferns, fancy and dagger, 75c per 1,000, or $3.25 per case of 5,000. Galax, bronze and green, 45c per 1,000, or $3.75 per case of 10,000. Hampton & Perkins, Roan Mountain, Tenn.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE. R. C., Centefleur, Picciola, Poitevine, Diadem, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2½-in., $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HOLLYHOCKS.

Hollyhocks, Newport Pink, $4 per 100; $30 per 1,000. White, yellow, pink, rose, maroon, $3 per 100; $25 per 1,000. Red, $3.25 per 100; $27.50 per 1,000. W. W. Wilmore, Jr., Wheatridge, Colo.

HYDRANGEAS.

Hydrangea Otaka, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

GERMAN IVY, R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

ENGLISH IVY, extra strong R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

English ivy, 4-in., 3 ft., $12 per 100; 3-in., 2 ft., $9 per 100. The Storrs & Harrison Co., Painesville, Ohio.

English ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LANTANAS.

LANTANAS, 2-inch, 6 varieties, 3c. MEMPHIS FLORAL CO., Memphis, Tenn.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

Lily of the valley, Chicago Market Brand, best valley in existence, giving the best results all year around, $15 per 1,000; $8 per 500; $4.50 per 250; $2 per 100. Florist Money Maker Brand, best Valley at moderate prices. $13 per 1,000; $7 per 500; $4 per 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MOSS.

MOSS, 10 bbl. bale, $2; 5 bbl. bale, $1.25. Peat, 80c bag. Rotted Manure, 50c bag. Get prices on large lots. Jos. H. Paul, P. O. 156, Manahawkin, N. J.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock for outdoor planting. Roses, clematis, shrubs, vines, perennials, shade trees. Send for list. We sell to the trade only. Jackson & Perkins Company, Newark, New York.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....$0.35	
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft..	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	...$1.50
7-inch pots, 3 plants in a pot,	36 to 38...	2.50
7-inch tubs, 4 plants in a tub,	38 to 40...	3.00
8-inch tubs, 4 plants in a tub,	38 to 44...	3.50
8-inch tubs, 3 plants in a tub,	48 to 54...	5.00
8-inch tubs, 4 plants in a tub,	52 to 56...	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high..	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Belmoreana. McHutchison & Co., 17 Murray St., New York.

PANDANUS.

Pandanus Veitchii, 3-in., 25c each; 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 and $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANDANUS VEITCHII, nicely variegated plants, 4-in. pot sizes, $10 per 100; 6-in. pot, $15 per 100; 8-in. pot, $25 per 100. Larger sizes at 35c and 50c each; cuttings at $4 and $6 per 100. F. M. SOAR, Little River, Fla.

PANSIES.

PANSIES—225,000 large stocky (September transplanted), field-grown, blooming pansy plants. Henry Mette's Strain, all salable stock. Satisfaction guaranteed. $1 per 100; $10 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS from cold frame coming in bud and bloom. From Danish seed. $1 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crousse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

REMEMBER, If it's a Hardy Perennial or so called old Fashion Flower worth growing, we have it in one shape and another the year around. We have the largest stock in this country, all made in America, and our prices will average 75c per doz.; $5.50 per 100. Why say more here? Send for our Wholesale Price List of varieties and benefit from the opportunities this notice affords you. Address,

R. W. CLUCAS, Mgr.,
Palisades Nurseries, Inc., Sparkill, N. Y.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, 2½-in., 12 vars., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, from dbl. seed, $2.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

200,000 CALIFORNIA PRIVET all sizes, 12 to 18, 18 to 24, 24 to 30 at $12, $15 and $20 per 1,000; fine stock. 50,000 SHRUBS and VINES low. Get trade list. 1,000,000 frost proof cabbage plants now ready. BENJ. CONNELL, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

PYRETHRUMS.

Pyrethrums, Dreer's double; Aphrodite, Figaro, Leonard Kelway, Lord Roseberry, Meteor, Mont Blanc, Ne-plus-ultra, Oscar, Walkure, W. J. Tweedy, $2.50 per doz.; $20 per 100. Single varieties in fine mixture, $1.25 per doz.; $8 per 100. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

ROSES.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	8.00	75.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00
BENCH PLANTS.		
American Beauty	$6.00	$50.00
Richmond	5.00	40.00

WIETOR BROS.

162 North Wabash Ave., CHICAGO

GRAFTED PLANTS.

Choice young stock in large 2½-inch pots ready to shift into 4-inch or plant direct in the benches.

	Per 100.	Per 1,000.
Ophelia	$12.00	$100.00
White Killarney	12.00	100.00
Killarney	12.00	100.00
Rhea Reid	12.00	100.00
Bulgaria	10.00	90.00

We also have ready for immediate shipment bench Beauty plants in lots of 100 or more at the rate of $50 per 1,000. All plants shipped from Hinsdale, Ill.

BASSETT & WASHBURN,

131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

ROSES.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100.	Per 1,000.
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

2-YEAR-OLD BEAUTY BENCH PLANTS.

$6 per 100; $50 per 1,000.

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, R. C., Zurich, Bonfire, Chretien, Lord Fauntleroy Silver Spot, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvias, 2¼-in., Bonfire and Splendens, $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

SEEDS.

Seeds, Ageratum, Alyssum, Antirrhinum, Asparagus, Asters, Begonias, Candytuft, Celosia, Centaureas, Cinerarias, Cobæa Scandens, Coleus, Dracaenas, Grevillia, Ipomoeas, Lobelias, Mignonette, Petunia, Salvia, Smilax, Stocks, Verbenas. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 1,000 seeds, $3; 3,000 to 5,000 seeds, $2.75 per 1,000; 6,000 to 10,000 seeds, $2.50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers. Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son Langport, Somerset, England.

Seeds, growers for the trade, beans, peas sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VINCAS.

Vinca Variegata, heavy plants from 4-inch pots, $10 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 2½-in., $3.50 per 100; $30 per 1,000; 3½-in., variegata and green, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

10,000 3-inch Variegated Vincas, extra fine, $5 per 100. 15,000 fall struck cuttings, $1 per 100; $9 per 1000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

TO EXCHANGE.

RICINUS (Castor Oil Bean). Fresh seed, 10c per ounce; strong plants, 50c per dozen; $3.50 per 100; delivered. Or will exchange for rooted cuttings of carnation, 'mums, fuchsia, geranium, lantana, petunia, etc. H. R. MOSNAT, Lake Hamilton, Polk Co., Florida.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.
MICHIGAN CUT-FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass. Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Liquid—NICO-FUME—Paper, for thrips, aphis, Spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Sterling Iron Reservoir Vases. Place your orders early. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers, bone meal; sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

McCray Refrigerators keep flowers fresh and salable. McCray Refrigerator Co., 670 Lake St., Kendallville, Ind.

Dreer's Peerless Glazing points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Pexto Pruning Shears. Write for booklet. The Peck, Stow & Wilcox Co., Southington, Conn., and Cleveland, Ohio.

Wizard brand manures. The Pulverized Manure Co., 32 Union Stock Yards, Chicago.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Little Wonder Rose Nozzle, 35c each. Garland Mfg. Co., Des Plaines, Ill.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Fetrilizers, Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scot-

POTS AND PANS.

Fletco Paper Pots, 3,000 or more, 2-in., $1.10 per 1,000; 2¼-in., $1.20; 2½-in., $1.30; 3-in., $2. F. W. Fletcher & Co., Auburndale, Boston, Mass.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

Pots, bright red color, porous and strong. The Cambridge Tile Mfg. Co., Covington, Ky.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

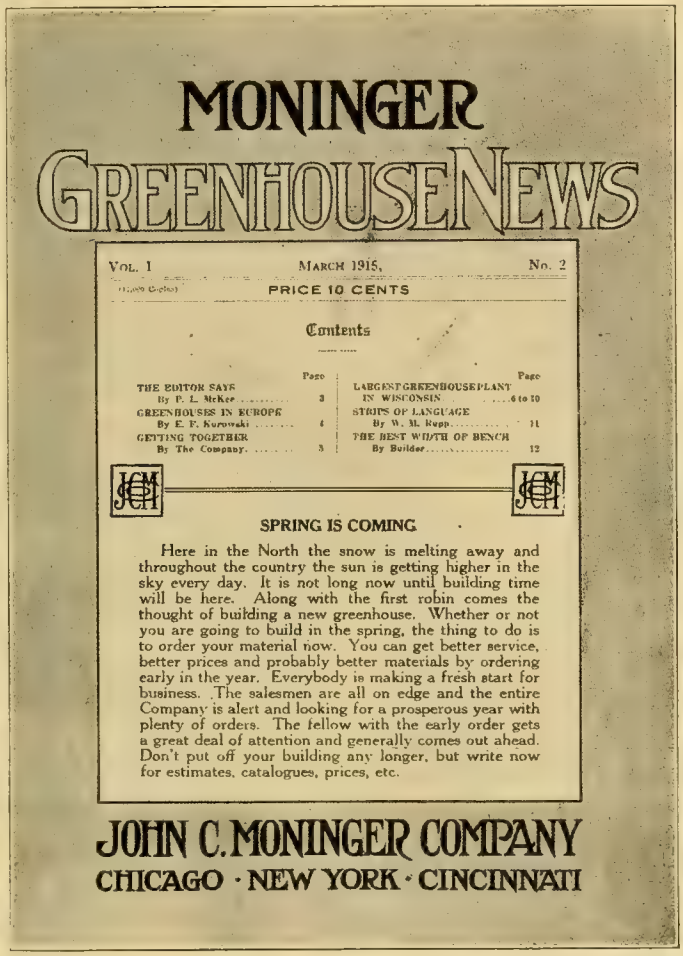
Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

New Paper Free



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If you want to know the latest thing in greenhouse construction you want the new paper the GREENHOUSE NEWS.

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The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

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29 King's Road, N. Tonawanda, N. Y.

GREENHOUSE LUMBER

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"ALL-HEART" CYPRESS
WORKED TO SHAPES.
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PECKY CYPRESS.
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A "RED DEVIL" PLIER ESPECIALLY FOR YOU.

"Red Devil" No. 622

A little 4-inch drop forged steel tool that is far superior to a shears for cutting bouquet wires or any fine wire. It is tested to cut the finest silk insulation and is a plier you will appreciate. It's just one "Red Devil" tool you should have. Ask your hardware man for "Red Devil," No. 622, 4-inch. He has or will get it for you. If not send us his name and fifty cents and one only sample pair will be sent you postpaid.

Smith & Hemenway Co., 170 Chambers St., New York, U. S. A.

(We make "Red Devil" Glass Cutters The kind you want.)

Providence, R. I.

BUSINESS PHENOMENAL DESPITE BLIZZARD.

Easter this year was ushered in with a blinding blizzard in which about seven inches of snow fell. The storm started about 10 a. m. Saturday and continued all day and until late Sunday morning. Considering the storm and the financial state of business conditions here, business was phenomenal, with only a decrease of 25 per cent, which was remarkable, considering the weather. Prices this year were a little lower than former years, but the supply of plants and cut flowers was equal to the demand, even more so than usual. All plants sold well except the fancy stock. Large and small azaleas had a good sale. Violets, sweet peas and lily of the valley were the flowers most in demand for corsages this year. Marguerites had a good call, while roses, daffodils, tulips, poeticus, cut lilies, callas and gardenias, all had their buyers, but were not in as heavy demand as the first named flowers. Lillies do not seem to be as popular as in former years. The grocery stores, department stores and other small stores cut the price so much that the florist cannot even sell them at the cut prices. The lilies this year, especially the out-of-town lillies, were perfect—never were better. The local lilies were not up to the standard and although they were good, they were not up to the out-of-town stock. There were a good many of the growers, who could not get their lilies in for the Easter trade, for some reason or other.

NOTES.

Macnair had an exceptionally good business this year, both in plants and cut flowers. The storm did not affect him to any extent, his business being mostly a telephone business. He had four 'phone operators busy all day taking orders, and a large force of men packing and filling orders. On account of the storm, customers in the transient trade were not as large as usual, most of his trade using the telephone to a good advantage.

McAndrews Floral Company, of East Providence, R. I., put a new idea on the market this year, that sold well, in mission wood boxes filled with daffodils, tulips and hyacinths, that could be made and sold cheap. Macnair placed an early order with him for 100 of these boxes.

Fred Hoffman, of Pawtucket, had some lily of the valley this year that was fine. His bulbous stock was exceptionally good, and he reports a clean-up in his stock.

George Fenner, of Cranston, had one of the finest stocks this year that he ever had. It was perfect; all his stock came in just right.

Jesse Tartaglia, of Simmonsville, R. I., had a good supply of bulbous stock this year. His daffodils were immense.

Westminster Greenhouses had a fine stock of all plants this year, fully up to their usual high standard.

T. J. Johnson & Co. had an Easter annex on Union street this year and reported a good business.

T. O'Connor had his usual stock of fancy plants. His baskets this year were certainly fine.

Johnson Brothers, made some fine window displays this year. H. A. T.

Landscape Gardening

PROF. BEAL.

A course for Gardeners, Floristsand Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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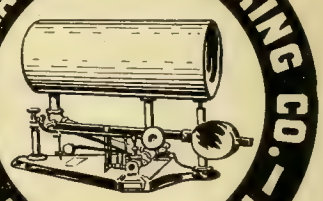
THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

ELYRIA, O.—Fred Gunton has purchased the Copas Bros.' greenhouses and has taken possession.

PASADENA, CALIF.—The Pasadena Horticultural Society will hold its spring flower show in the Maryland hotel, April 14-17.

SUPERIOR, WIS.—The first farm school ever conducted in this city closed March 26, after an exceedingly successful session of five days. An average of 30 farmers have attended the meetings, and hundreds of school children heard the farm experts.

MOREHEAD MANUFACTURING CO. DETROIT MICH.



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That's the place for your boiler. Why dig a hole in the ground merely to obtain drainage—why go to the trouble of removing water, ashes, etc., when all this bother and expense is overcome by the

Morehead Back to Boiler SYSTEM

The Morehead System removes all condensation from your steam lines—at any heat—returning it directly to the boiler and thus maintains proper drainage and perfect circulation. Consequently a steady, even temperature is assured. Get the complete information from our engineers. It's free.

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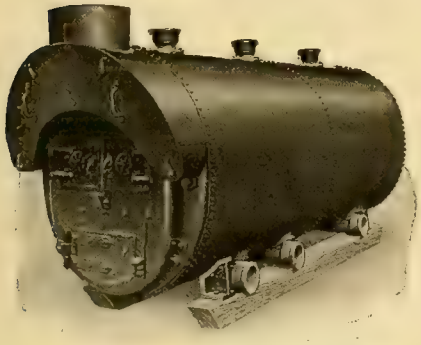

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Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

Lot No.

XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½. 100 running ft..... $ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft..... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas..... 27.00
XJ-45—Standard Hot Bed Sash, 1¾-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each..... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll.....$1.90 to 1.13
XJ-48—First-class second-hand Heating Boilers in any desired size. Very lowest prices.

HARRIS BROTHERS COMPANY, Owners
Chicago House Wrecking Co.,
35th and Iron Sts., Chicago

Mention the American Florist when writing.

Iron Reservoir Vases
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Lawn Settees

The McDonald Foundry
Columbus, Ohio.

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TWEMLOW'S

OLD ENGLISH GLAZING PUTTY

LIQUID AND ELASTIC,

For Bedding Glass in Sash or for Filling Cracks or Seams in Roof Joints or Frames of Greenhouses or Hot Beds.

☞It is used in Machine or Bulb. If too thick for bulb thin with a little Pure Linseed Oil, boiled. So thinned, it can be brushed into any crack or leak, making a solid filling. It makes a solid bed, impervious to moisture, and holds glass in its place, and will stop any crevice or fault. When once set on dry wood it does not heave. As regards the goods, the article **is no new invention,** but simply an article of the very best class, to do thoroughly good work, like old-time gentlemen expected when sashes were made with lead, and small panes of glass used that caught the water and leaked unless set with an **elastic** putty, which once set by a mechanic was expected to remain, **and did remain** in good shape. This Twemlow's Old English Glazing Putty does; nothing more, nothing less.

Twemlow's Old English Putty used the country over. Made by HAMMOND'S PAINT AND SLUG SHOT WORKS, BEACON, N. Y.

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BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

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If you contemplate building, let us send a capable representative to see you without cost to you.

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4-Inch
Boiler Tubes 6¾

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New and S. H. Pipe, All Sizes.
Tell Us Your Wants.
ILLINOIS PIPE & MFG. CO.,
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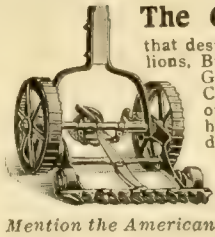
Mention the American Florist when writing.

Wired Toothpicks

10,000 $1.75; 50,000 $7.50. Manufactured by
W. J. COWEE, Berlin, N. Y.
Sample free. For sale by dealers.

Mention the American Florist when writing.



The Clipper There are three things that destroy your lawns—Dandelions, Buck Plantain, and Crab Grass. In one season the Clipper will drive them all out. Your dealer should have them—if he has not, drop us a line, and we will send circulars and prices.

Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Mention the American Florist when writing.

Model Extension Carnation Support.

Made with two or three circles. Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. **Prompt shipment guaranteed**

IGOE BROS., 61-73 Metropolitan Ave., Brooklyn, N. Y.

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Established 1765 FOR "POT LUCK" USE Incorporated 1904

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POT MAKERS FOR A CENTURY AND A HALF. AND RED EARTHENWARE SPECIALTIES. WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass. WAREHOUSES: Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates
Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000	1¼-in.,	crate,	$6.00	456	4½-in.,	crate,	$5.24
1500	2	"	4.88	320	5	"	4.51
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1500	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
800	3½	"	5.80	60	8	"	3.00
500	4	"	4.50				

HILFINGER BROS. POTTERY, Fort Edwards, NEW YORK.

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Our Specialty: Long Distance and Export trade.

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Syracuse Red Pots
Standard Pots
Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.

SYRACUSE, - - N. Y.

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The Best Paper Pot

For Shipping Purposes.

Sizes from 2 in. to 6 in. Ask your dealer for them. Samples free.

E. Allan Peirce, 402 Oaks St., WALTHAM, MASS.

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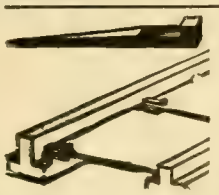

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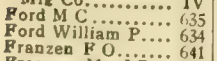

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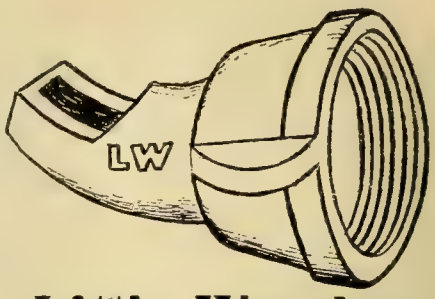

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

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TAMPA FLORAL CO.
A. Fiske, Manager.

Tampa, Fla., April 6, 1915.

SUGGESTIONS FOR PLANT GROWERS.

Begonia Gloire de Lorraine.

The plants of Begonia Gloire de Lorraine, both the young rooted stock and the older plants, will now begin to make active growth. There is still time to propagate much stock; many growers prefer the May rooted plants to those propagated earlier, for the plants start right off into growth at this time while those rooted earlier grow very slowly during the late winter and early spring months. The young shoots that break from the old plants make fine cuttings at this time and if the plants are in good health are just as good as the leaf cuttings made earlier. As soon as rooted they should be potted in a light, fibrous loam in 2¼-inch pots, and placed in a light, well ventilated house, but should be protected from all chilling draughts. They cannot be successfully grown in a stuffy-moist temperature and to have strong, healthy plants should not be forced in too warm a temperature. They will require a house in which the night temperature does not fall below 60° and should be given all the air possible without chilling during pleasant, bright days, carefully avoiding drafts. They will need to be watered carefully, for the roots are very fine and are growing slowly yet, and overwatering quickly shows in the growth of the plant. It is now a good time to procure young stock if the grower is not supplied, for those making a specialty of this plant will have the best of stock at this time.

Asparagus Plumosus and Sprengeri.

Small stock of Asparagus plumosus and Sprengeri are now a necessity with all plantsmen, for they are freely used in fern dishes and in plant baskets, being very satisfactory plants for house culture. Fresh seed can now be obtained and the stock grown on through the summer, which will make fine stock for the next winter. The seed will germinate more readily and evenly if soaked in lukewarm water placed in a warm location for 24 hours before planting. Instead of sowing the seed broadcast it is better to sow them about three-quarters of an inch apart and they can then be allowed to remain in the flats until they are strong enough to transplant. Do not cover the seed too deeply; an eighth of an inch of soil sifted over the seed is ample. The first potting must be carefully done, for they make a long tap root with very few small roots and the soil does not adhere to it. and in the young stage this root is easily broken. A warm house with plenty of moisture and careful watering with a slight shade is all they require after being potted. Overwatering will always cause the fronds to take a yellowish hue.

Gladiolus.

The gladioli that are being forced for spring blooming will soon begin to open their flowers, and to have good clean stock they will require attention. The spikes should first of all be kept erect, for if they get bent and crooked half their value is gone, and this will occur very quickly on the bright sunny days when the plant leans over, so they should be kept tied either to stakes or wires to prevent this. The spike should be cut when the first flower opens and placed in water and the other flowers opened in the office or store room. These flowers spot very quickly if water is sprinkled upon them in the greenhouses and at this season of the year syringing on bright days is a necessity or red spider is sure to obtain a foothold, and if these pests become once well established it is almost impossible to eradicate them. Considerable discussion is often heard as to whether the corms of gladiolus forced are of any value another year. If the plant is not cut too far down on the stem and the corms are given an opportunity to thoroughly ripen there is no doubt but that the bulbs may be grown another year and good results obtained. but if the plant is cut off clear down to the ground the corm has no chance to make its full growth or to ripen and the corms will be practically worthless. Corms that are forced this year, and the spike cut so as to leave three or more leaves, if properly ripened can be planted

outside another year and the following year first-class corms will be the result. The Gladiolus Colvillei can be forced year after year if grown properly.

Preparation for Memorial Day.

With the Easter stock out of the way, there will be room available for the plants that have of necessity been crowded more closely together for the last few weeks, and the next great day before the grower is Memorial day. In those sections of the country where the late frosts are passed the bedding stock must be ready for planting out at that time, and the demand will be for plants to flower, for the customers will desire plants that will make a good showing by May 30, and the stock must be grown with that object in view to have a good sale. The geraniums and other blooming plants should be placed in their blooming pots, spaced out and given a good sunny location that they may be full of bloom by the last of May. It is next to impossible to sell plants that are not in flower at Memorial day. The production of flowers for that day must also receive prompt attention. Much of the floral work for Memorial day is what is called "cheap" work, that is, flowers that make a great show and are not expensive. So although there are many roses and carnations used, yet large quantities of the cheaper flowers are employed to fill in and make the sprays and bouquets larger. Early outdoor flowers and blooming shrubbery can be used, but in some sections these cannot be depended upon, so flowers must be grown in the houses. Stocks make a splendid flower for this purpose and should be benched at once. The plants should now be about three or four inches high and growing rapidly. Candytuft is grown in large quantities by some growers for Memorial day. Seedlings can be transplanted in early April and brought into flower the latter part of May. Spiræa, both as a pot plant and for cut flowers, are very useful at this time; six to eight weeks will bring them into flower at this season. There are other annuals that can be raised for Memorial day blooming, but the two mentioned are grown in largest quantities.

DENVER, COLO.—An increased demand for corsage bouquets and a better sale than usual for azalea and lily plants, were features of the 1915 Easter trade, reported by the Park Floral Co. The volume of business was about equal to the corresponding period of 1914.

NEW YORK.—Charles Dards states that low priced plants played an important part this year in the Easter greeting sentiment, many being used in remembrances to friends and relatives. There was little demand for high priced plants or handsome arrangements.

ROCHESTER, MINN.—R. Bragg Co., Inc., reports that while prices were below the 1914 figures, the lower prices seemed to have a stimulating effect on the buying public, as the volume of business done as compared to Easter a year ago was 40 per cent better. In the plant section a heavy business was planned on and an extra large supply of lilies and other pot plants were ready, but cleaned up entirely. Cut stock sold well, but not in comparison to the plant trade. Rambler roses, azaleas, hydrangeas and bulbous stock in pans sold best. Lilacs did not prove popular. Florist Telegraph Delivery orders were heavier this Easter than ever before.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Office Building Flower Club.

A unique phase of the growing use of flowers, and one which has a practical sentiment back of it, is that found in an office building in Columbus, O. The girls employed therein have an informal organization which centers in an arrangement by which any of the number is supplied with flowers in case of illness. There are no regular dues, but each member contributes such amount of money as she cares to for this purpose. Liberality is governed to some extent by the current state of the fund, according to the demands that are being made upon it. No discrimination is made against a girl whose circumstances may prevent her from giving more than a trifle.

The idea was originated by a woman, Miss Florence Strickler, who in herself is a person somewhat out of the ordinary. She has the distinction of being one of the very few, if not the only, woman office building manager in the country. The building of which she has complete charge, even to the employing of elevator men and janitors, and to the overseeing of upkeep and repairs, consists of eleven stories. She has filled the position to the satisfaction of the ownership for the past eight years, and is invested with full authority to make and cancel leases, buy the thousands of dollars' worth of coal and other supplies, and to perform any duty that would devolve upon a man in such a capacity.

It is a tribute to Miss Strickler's efficiency to say that no office building in Columbus is kept filled nearer to its capacity, nor has a better class of tenants than the Wyandotte, over which she presides. Further, it is credited with making fewer changes among its force of janitors and other employes. Lastly, it is said to be the cleanest building in town. While a strict disciplinarian, Miss Strickler is a person of strong human sympathies. This has not only led her to treat her help well, but to take an interest in the girls employed by her tenants. Hence the flower fund. Her offices are its headquarters. The girls have carte blanche to break in on her even at her busiest hours, to report cases of illness, or to confer with her on any personal matter on which they may want sympathy or advice. The flower fund organization is now several years old, and is a recognized fixed institution of the building. It has carried cheer into many homes and into hospitals. In the case of a member who was confined to a hospital for several months, there was no time when her room lacked the presence of fresh cut flowers.

C. C. J.

What Others Are Doing.

Theodore Roosevelt's definition of success is, "Do what you have to do, do it at the earliest possible moment, and do it the best you know how." This is certainly an excellent rendering of the word, and if carried out with diligence and vigor, will insure success in any undertaking, its measure depending on the ability of the individual. "Do it the best you know how," when working in competition with others in the same line, may not insure success, from the fact that your competitor knows how, better than you

BASKET BY MAX SCHLING, NEW YORK.

do, has a shorter cut, goes across lots, while you go around by the road. All men have not the same natural ability; some are quick in action, come to conclusions and go ahead, while others are wondering what is best to do. Many men go on working from month to month the same as they did last year and they are satisfied if they make a living and come out clear of debt. They do not seem to care what their competitors are doing and would not visit another man's greenhouses or store for fear that he might think they were trying to steal some of his ideas, and they would not see anything new anyhow.

To the progressive man, what others are doing is of great interest. He is thinking and striving all of the time for the best as he sees it, but when he is beaten out in the race, he is at once alert and visits his competitor to find out if possible how it was done. As an instance, Smith heard from a bulb dealer of the large quantity of Easter lilies that were forced annually by Brown, a successful grower, and his curiosity was aroused. How did he handle such an immense stock? He would go and see for himself. He visited the establishment, was met kindly by the proprietor, who spoke freely of his methods. His plan was to follow his chrysanthemums with lilies planted out in the same soil, in which they made a remarkable growth, easily showing twice as much strength and vigor as when grown in pots. This plan was immediately followed by Smith, who set out all his forcing pot stock in soil on a table, and in two weeks the plants showed a remarkable improvement.

A noted rose grower of Philadelphia, Pa., who has been very successful in his branch of the business, has for years made it a point to visit each season other men in the same line who had achieved success, always taking along his foreman and perhaps another intelligent member of his force, just to see what others were doing and to add to their knowledge, so that their "Best they knew how" would be on a par with their competitors. There are a great many members of the rose growing fraternity that at this time are wondering if they are doing the "best they know how" in forcing this or that variety and considering which will be the favorite next season. The grower who goes about a bit over the field will certainly be in a position to make a better guess than the man who is satisfied that what he has is the best he can do.

GETTING INTO A RUT.

There are many store men who get into a rut and run along year after year in the same channel, failing to see that they are standing still or falling behind in the race. Trade is slow, because of the weather, or it is the dull season, or on account of the reduction of the tariff. The fact that his stock is running down, that the store is becoming dingy, or that his window decorations lack feature, is not apparent to him, because he does not keep posted and does not get about and see what his competitors are doing. Loyalty of ones customers is largely a matter of service. A new customer takes you on trial; if the transaction is satisfactory, the service is good and the flowers keep, other orders are given which must come up to the standard of the first—the least let up and away they go. Of course there are old customers who will put up with disappointments and indifferent treatment, who overlook and are lenient, "old war horses" who stick for old time's sake, but to gain new customers and their confidence, one must be up to date, carry a full stock of a quality suitable for the trade he is catering to. His competitors in the next block are after the same people who are sure to get in there once in a while, and if the first impressions are good they are apt to come back, and a new customer's name gets on the books.

"Do it the best you know how," means being keyed up all the time. With the finishing of the work in hand, there is opportunity for something else that is almost crying for attention, but unless you are alert you will not hear, or even see, the need for the work to be done. Ten minutes' work on the disarranged flowers in the case will make it look 25 per cent better. Stocks of flowers should always be displayed in the most inviting manner; by placing the colors in harmony, jarring contrasts are avoided. A well arranged flower stock, even if it lacks in assortment, makes a good impression and substitution is rendered easier.

A retail florist will find nothing so helpful as to get away once in a while and spend a day in another town or city, visiting the various stores and flower markets, looking out for features that appear to him valuable, and which he can use with profit. Some made up work may give ideas which are new to him. A nicely decorated store suggests improvements at home. The order system, the stylish looking tag, decorations in the store or windows—these and many other features should prove intensely interesting to one who is wide awake and makes comparisons with the home business. The special features should be written down for future reference; in fact in one's everyday routine as new ideas occur, they should be jotted down, and after consideration, adopted or rejected as the case may be. K.

SMITH & FETTERS' EASTER WINDOW, CLEVELAND, O.

Figure of Angel, Dove and Peace Prayer.

HUDSON, N. Y.—The Forest Flower Shop, recently opened by Grover Neibergall, reports a splendid Easter trade.

SPRINGFIELD, MO.—Eleven thousand carnations and a greater number sweet peas were included in the items in the Easter sales of the Springfield Seed Co. Easter business among local florists was better than last year.

CINCINNATI, O.—As reported by the Chas. Hoffmeister Floral Co., Easter trade this year was about on a par with the same period in 1914, prices and volume of sales being about the same. All plants, especially moderately priced ones, enjoyed a good call, and the supply was plentiful. Cut flowers were also on the market in good quantities, but carnations and double violets were poor in quality, having been held back.

OMAHA, NEB.—Easter sales this year were about equal to those of the corresponding season in 1914, with prices a little below the average, is the report of L. Henderson. Lilies were first in demand among the plants, and the supply was plentiful. Hyacinths, tulips and azaleas also sold well. Cut flowers sold well, with the exception of roses, spring flowers, tulips, hyacinths and violets having the best call. The weather was fine, and stock was in splendid condition.

HYDRANGEAS AT DONALDSON'S GREENHOUSES, MINNEAPOLIS, MINN., EASTER, 1915.

CHRYSANTHEMUMS

Planting and Propagating.

It is again time to think and talk chrysanthemums, figure out the coming season's planting and start up the work of propagating. It may help some in figuring out their planting, to give a review of the new varieties of 1914 that came under our notice as being worthy additions to the list of commercial and exhibition varieties, and such of those among the novelties being offered for 1915, which we have had the opportunity to base our judgment on. We will first take up the commercial section.

Chieftain — Rose-pink, incurved, somewhat on the color of well-grown Dr. Enguehard, but dwarfed in growth, with strong stiff stems and perfect foliage; one of the best commercial varieties sent out in recent years and will be planted in large quantities. Introduced by the E. G. Hill Co., Richmond, Ind.

Salomon's Gold—A yellow sport from Alice Salomon, fine in form and color and at its best about October 15. A very profitable variety to grow; also introduced by the E. G. Hill Co.

Oconto—Early white at its best October 10-15; a fine white to follow Smith's advance. You will make no mistake by adding this variety to your list. Introduced by Elmer D. Smith & Co., Adrian, Mich.

Edwin Seidewitz—A fine incurved late pink, extra good; at its best for Thanksgiving and later. Introduced by G. A. Lotze, Glen Burnie, Md.

Mistletoe—Very late blush or white, fine incurved form; can be had in fine shape for Christmas. Introduced by F. Dorner & Sons Co., LaFayette, Ind.

Odessa—Introduced as an exhibition variety; incurved form, deep yellow; equally good either for commercial or exhibition purposes; one of the very best. Introduced by Elmer D. Smith & Co.

Smith's Ideal — Medium size, incurved, commercial white, dwarf grower, can be planted close. Introduced by Elmer D. Smith & Co.

Indian Summer—A good late bronze, sport from Golden Chadwick; very decorative for late work. Introduced by A. N. Pierson, Inc., Cromwell, Conn.

Marigold—Bright, golden yellow maturing October 15. Those who have had the opportunity to see this variety, bear out the claim of the introducers, Elmer D. Smith & Co., that it is one of the best ever offered.

Modello—Novel in color and form, golden bronze, with grooved petals, resembling a decorative dahlia. For decorative work under electric light we do not have anything to compare with this variety. It is being introduced by Elmer D. Smith & Co.

Crystal Gem—As the name indicates, a glistening white, early. Also offered by Elmer D. Smith & Co.

Golden Queen—Early yellow, spoken very highly of by the judges who scored it. Elmer D. Smith & Co., sponsors.

White Chieftain—A white sport from Chieftain; a valuable addition to the commercial list and one of the most promising novelties of the year. It is being introduced by the E. G. Hill Co.

Early Frost—One of the most promising early white varieties being sent out this year; dwarf, short jointed grower. F. Dorner & Sons Co. introducers.

Antigone—A variety that has made a great record throughout the east; purest white, worthy of thorough trial. Chas. H. Totty, Madison, N. J., introducer.

Bob Pulling—Very fine exhibition variety, pure yellow; was shown in fine form. Another of the Wells-Pockett-Totty set.

Earl Kitchener—Amaranth, with reverse silver, as shown at Indianapolis. One of the big varieties suitable for exhibition. It is being introduced by Chas. H. Totty.

Mendon—Reflexed pink, wide petals; a very striking flower for exhibition purposes. Chas. H. Totty, introducer.

Daily Mail, James Fraser, Wm. Vert and Mrs. Ernest Wild are four other Wells-Pockett-Totty varieties that we made note of as being exceptionally good for exhibition.

Calumet—An exhibition variety, incurved, fine formed flower; a favorite color, which is light bronze and is bound to become very popular. Elmer D. Smith & Co., introducers.

Silver King—Another fine Elmer D. Smith & Co. variety; white with long petals, the center coming up solid and full.

MANAGER DESMOND AND HIS LILIES AT DONALDSON'S GREENHOUSES, MINNEAPOLIS, MINN., EASTER, 1915.

Tekonsha—A variety thought well of by the C. S. A. examining committee. Golden bronze, at its best for Thanksgiving, when this color is most popular. Another Elmer D. Smith & Co. variety.

Mount Greenwood—Exceptionally fine incurved, pink, full to the center; good grower and will make a good commercial variety; easy to grow. A. N. Pierson, Inc., Cromwell, Conn., introducers.

We are asked many times which crimson variety is the best to grow. With us, the variety Harvard stands out above any other variety of its color for commercial purposes. It is a good grower, double from any bud and produces flowers that run even and true. For exhibition purposes we favor F. T. Quittenton and Gertrude Peers. Quittenton may be a little rough, but under our treatment it never burns, and is one of the best keepers we know of.

Fatouma—Described as rosy amber color. We selected this variety as one of the best exhibition blooms in the E. G. Hill Co. collection at Chicago in 1913 and again at Indianapolis, 1914. It is a very striking exhibition bloom.

The single varieties have now attained a high degree of popularity, and we have some very beautiful varieties, but many of them are too lacking in substance of petalage to be of commercial value. What is required of this type is that the petals must stand out rigid and not droop down after being cut. The stems must also be stiff enough to hold the flower erect and clothed with good foliage. The variety Mensa measures up as near to the ideal commercial standard as any we have. Golden Mensa is a fit companion for it. Merstham Jewel, bronze and yellow, is one of the very best sellers among the singles.

Miss M. Pope is a lovely shade of pink, and Mrs. Wm. Buckingham is another fine pink variety.

Ceddie Mason is a fine red.

Josephine is a fine yellow; in fact, one of the best.

Polly Duncan is another good yellow.

All of these varieties mentioned are singles that have been well tried out for commercial purposes and have proved their value.

Pompons—During the last four years we have had a large number of new varieties of pompons added to our list and many of them a big advance over any others that we had before. Helen Newberry for late white, and Mary, another white for November 1, should be in every collection; they are both good. Celco, Golden Climax and Golden West are three good yellows. Western Beauty and Leota are grand pinks, and Golden Harvest is one of the very best golden bronze pompons.

The novelties in pompons being introduced this year by Elmer D. Smith & Co. and A. N. Pierson, Inc., have all passed judgment of the C. S. A. committees and are endorsed as worthy additions to the list of pompons.

To increase the stock of the new ones, plant them out in light fresh soil, on a bench where they will get plenty of light and air. In a very short while the tops of these plants can be taken for cuttings, after which with a little encouragement, by keeping the surface of the bed worked over and not overwatering the plants, they will throw out side shoots and cuttings from the bottom. Propagation of these can be carried on for six or eight weeks yet, and thus have a good stock of the novelties at a small expense and be able to give them a good trial.

C. W. JOHNSON.

Chrysanthemum Society of America.

We are in receipt of the preliminary premium list of the twenty-fifth anniversary meeting and exhibition of the Chrysanthemum Society of America, to be held at Cleveland, Ohio, November 10-14, in co-operation with the Ohio Horticultural Society, the Cleveland Florists' Club and the Cleveland Garden Club. Liberal premiums are offered and copies may be had on application to Frank A. Friedley, 356 Leader building, Cleveland, Ohio. The secretary of the Chrysanthemum Society is C. W. Johnson, Morgan Park Station, Chicago.

CLEVELAND EXHIBITION SPECIAL PRIZES.

Special prizes are offered for the annual exhibition of the Chrysanthemum Society of America to be held in conjunction with the Cleveland Florists' Club and the Ohio Horticultural Society at Cleveland, Ohio, November 10-14, 1915.

1. Chrysanthemum Society of America silver cup for the best 10 blooms chrysanthemum, one variety, on long stems. Offered by the Chrysanthemum Society of America.

2. Henry A. Dreer's prize for the best 10 blooms chrysanthemum, one variety, introductions 1914 and 1915—$10.00, offered by Henry A. Dreer, Philadelphia, Pa.

3. The E. G. Hill Co. prize for the best 12 blooms Chrysanthemum White Chieftain on long stems—First, $15.00; second, $10.00. Offered by The E. G. Hill Co., Richmond, Ind.

4. Wells & Totty prize for the best three blooms Chrysanthemum A. S. Baldwin—First, gold; second, silver; third, bronze medals. Offered by Wm. Wells, Merstham, Surrey, England, and Chas. H. Totty, Madison, N. J.

5. H. E. Converse's prize for the best 10 blooms Chrysanthemum H. E. Converse—Silver cup, value $25.00. Offered by H. E. Converse, Marion, Mass.

6. Lord & Burnham Co.'s prize (open to private gardeners and park or cemetery superintendents only) for the best six vases chrysanthemums, six varieties, three blooms of each on long stems—Gold medal. Offered by Lord & Burnham Co., New York.

7. President Kleinheinz's prize for the best 10 blooms chrysanthemum—Wm. Kleinheinz silver cup, value $25.00. Offered by Wm. Kleinheinz, president C. S. A.

8. National Association of Gardeners' prize (open to the members of the National Association of Gardeners only) for the best six blooms chrysanthemums, six varieties, shown on long stems in one vase—Silver medal. Offered by the National Association of Gardeners.

Prizes in classes 9 to 13, inclusive, offered by A. N. Pierson, Inc., Cromwell, Conn.

9. A. N. Pierson, Inc., prize for the best 20 sprays of any pink single chrysanthemum—$5.00.

10. A. N. Pierson, Inc., prize for the best 20 sprays of any white single chrysanthemum—$5.00.

11. A. N. Pierson, Inc., prize for the best 20 sprays of any pink pompon chrysanthemum—$5.00.

12. A. N. Pierson, Inc., prize for the best 20 sprays of any yellow pompon chrysanthemum—$5.00.

13. A. N. Pierson, Inc., prize for the best 20 sprays of any white pompon chrysanthemum—$5.00.

14. Elmer D. Smith & Co.'s prize for the best 10 blooms Chrysanthemum Kewanee—First, $10.00; second, $5.00. Open to private gardeners only. Offered by Elmer D. Smith & Co., Adrian, Mich.

15. H. F. Michell's prize for the best 12 chrysanthemums, 12 varieties, one flower each, short stems—First, $15.00; second, $10.00. Offered by Henry F. Michell Co., Inc., Philadelphia, Pa.

16. Hitchings & Co.'s prize sweepstake for the most meritorious chrysanthemum exhibit—Silver cup. Offered by Hitchings & Co., Elizabeth, N. J.

17. Vaughan's Seed Store prizes (open to private gardeners only)—A Vaughan silver medal for the best collection cut flowers of single chrysanthemums; not less than 12 varieties, six sprays to a vase.

18. A Vaughan silver drinking cup, value $15.00, for best 12 pot-grown chrysanthemums in variety, bush form, grown in 6-inch pots. Offered by Vaughan's Seed Store, Chicago and New York.

19. S. A. F. & O. H. medals, for the best six blooms seedling chrysanthemum of American origin, not exhibited previous to 1915—First, silver medal; second, bronze medal. Must score not less than 88 points for silver medal and not less than 86 points for bronze medal. Offered by the Society of American Florists and Ornamental Horticulturists.

SAN FRANCISCO SPECIAL PRIZES.

Special prizes are offered for the seasonal chrysanthemum show to be held under the auspices of the Chrysanthemum Society of America in conjunction with the Pacific Coast Horticultural Society and the department of horticulture of the Panama-Pacific International exposition at the Palace of Horticulture, San Francisco, Calif.

1. Chrysanthemum Society of America prize, for the best 10 blooms chrysanthemum, one variety on long stems—Silver cup, value $25.00. Prize donated by the Chrysanthemum Society of America.

2. Hitchings & Co.'s prize for the best six vases chrysanthemums, six varieties, three blooms of each on long stems—Silver cup. Prize donated by Hitchings & Co., New York.

3. Wells-Totty prizes for the best three blooms Chrysanthemum "Earl Kitchener"—First, gold; second, silver; third, bronze medals. Prizes donated by Wm. Wells, Merstham, Surrey, England, and Chas. H. Totty, Madison, N. J.

4. Henry A. Dreer's prize for the best six blooms any white chrysanthemum, one variety on long stems—First, $6.00; second, $4.00. Prize donated by Henry A. Dreer, Philadelphia, Pa.

5. A. N. Pierson, Inc., prize for the best six blooms any pink chrysanthemum, one variety on long stems—First, $6.00; second, $4.00. Prize donated by A. N. Pierson, Inc., Cromwell, Conn.

6. Elmer D. Smith & Co.'s prize for the best six blooms chrysanthemum—two white, two yellow, two pink—staged in separate vases, with not less than 12-inch stems—First, $6.00; second, $4.00; open to all. Prize donated by Elmer D. Smith & Co., Adrian, Mich.

7. National Association of Gardeners prize (open to members of the National Association of Gardeners only) for the best six blooms chysanthemums, six varieties shown on long stems in one vase—Silver medal. Prize donated by the National Association of Gardeners.

8. H. F. Michell's prize for the best 12 chrysanthemums, 12 varieties, one flower each, short stems, shown in separate vases—First, gold; second, silver; third, bronze medals. Prizes donated by H. F. Michell Co., Inc., Philadelphia, Pa.

9. H. W. Buckbee prize for the best vase of 25 blooms Chrysanthemum Mrs. H. W. Buckbee—Silver cup. Prize donated by H. W. Buckbee, seedsman, Rockford, Ill.

10. S. A. F. & O. H. silver and bronze medals, class to be arranged. Offered by the Society of American Florists & Ornamental Horticulturists.

CHAS. W. JOHNSON, Sec'y.

BASKET BY MAX SCHLING, NEW YORK.

WILLIAM K. HARRIS, PHILADELPHIA, PA., AND EMPLOYES.

In the Doorway, from left to right: Wm. K. Harris, his sister, Mrs. Henzey; Messrs. Mills and Prince, superintendent and grower.

Boston.

SPRING WEATHER FORCES IN HEAVY CROP.

Business has been exceptionally quiet during the past week. There was practically no demand for stock on Easter Monday as nearly all the retailers had plently left over and there was little improvement during the week. The spring weather during the week has brought out a large supply of flowers and the markets have rather a glutted appearance. Roses seem to be in about the least demand of any flower, prices running from one cent and less up. Carnations are still in short crop and fair prices were received for them. Violets and sweet peas sold very well also, but bulbous stock found a poor market. Gardenias and orchids are moving fairly well as there is a short crop. Spanish iris is coming in from a few growers who realize a fair price. The plant trade is very poor, nearly every store still having plants left from Easter. Easter lilies are very plentiful and move slowly at $4 per 100. A better market is expected soon, however, as soon as the Easter stock is cleaned up, and general trade becomes adjusted to its regular spring routine.

NOTES.

The crop of carnations from Andrew Christensen, of Stoneham, Mass., is improving at every cutting. His Delight and Benora are coming especially fine. He still continues to grow Carnation Queen, as he has not yet found anything to take its place as a prolific white. He purchased 2,000 of Peter Fisher's new pink Carnation Alice, and speaks very highly of it, from what he has seen thus far.

Streiferd & Son, of East Braintree, Mass., are still cutting their colored freesias. They have selected from their seedlings, good yellow, pink and blue freesias, from which they intend to work up a good stock. Their roses, snapdragons and carnations are also looking very well.

One of Andrew Christensen's employes, Edward Gay, has commenced the growing business in Stoneham. He is constructing a house 40x100, made by Stearns & Co. He will devote it entirely to carnations.

Chas. Evans has a large crop of hydrangeas and rambler roses at present. The plants are exceptionally well grown, and the quality of them is bringing him many orders.

Frank Dolansky, of Lynn, Mass., is cutting some very fine gardenias. He also has a good crop of Cattleya Schroederiana and Cattleya citrina.

W. E. Turner, of Billerica, Mass., has a large crop of his own strain of pansies. He is also cutting blue, yellow and white Spanish iris.

Wm. Thurston, manager of the Boston Flower Exchange, has leased an appartment in Watertown, where he will locate May 1. F. L. W.

Los Angeles.

Good stock of all kinds has been scarce here all winter and has sold with very few exceptions at good prices. It seems to be a hard job to get the grower of cut flowers here on the coast to try for quality instead of quantity. Many of the Japanese growers go at the flower business like a truck gardener who sells his produce by the pound, and at times the dealer has a hard job on his hands to keep up the standard of the stock he handles. The flower business here is about as good as any other business, everything having suffered from the general depression all over the country and we particularly, because of our nearness to the Mexican border. This trouble has cut off the florist trade entirely from the American dealers. The general outlook is for an improved business for next year, as on account of the two coast expositions there will be much entertaining and all branches of the trade will profit therefrom.

CLUB MEETING.

The monthly meeting of the Los Angeles County Horticultural Society was held, Tuesday evening, April 6, at Kruckeberg's hall. Fred H. Howard, of Howard & Smith Nurseries, on behalf of the city beautification committee, extended an invitation to the society to participate in the floral parade in Los Angeles on May 1, with an appropriate float, symbolic of the nursery and florist industry. It was voted that the society accept the invitation and a voluntary contribution of $1 per member be called to cover expense of the float. The special topic of the evening was an address by James Taylor, of Hollywood, on the culture of plants for the florists' uses. In his discussion he covered the begonia, the cyclamen and the cineraria, illustrating his talk with some splendid specimen pot plants of his own growing, and an elegant specimen of cineraria, grown by W. W. Felgate, of Sierra Madre. The firm of Howard & Smith showed some very choice blooms of the giant hybrid amaryllis. Following the reading of Mr. Taylor's address, a running discussion ensued, participated in by Messrs. Hunt, Felgate, Taylor and others. A rising vote of thanks was tendered the

speaker at the close of his valuable address. For the next regular meeting, James MacGillivray was chosen to present a paper, the subject to be of his own choosing.

Pasadena is full of winter visitors, and the florists report good business there without exception this year.

Cleveland.

LULL FOLLOWS EASTER RUSH.

The week after Easter, like any other big flower day, is usually a little quiet, and the trade is getting a little much needed rest. Surplus and left over Easter stock is being used up in funeral work, wherever and whenever possible; besides the receipts at the wholesale houses are very large, and the market is glutted with roses, Easter lilies and carnations, while sweet peas too are quite plentiful. Violets are not in very big demand, though stock is expectionally good. A few very good American Beauty roses are beginning to arrive and will be with us for the rest of the summer. Russell roses are also good stock and meet with a good demand. Shawyers, Mocks, Richmond, Sunburst, Wards and Milady are plentiful and of excellent quality. Snapdragon has been plentiful. Boxwood still meets with a good demand. Adiantum ferns and asparagus are plentiful. Smilax was in good demand.

NOTES.

At the regular meeting of the local florists' club, Monday, April 5, the attendance was rather small, which was too bad, considering the interesting discussions that took place. Talks on Easter business, the ways and means of delivery, care of plants, etc., were interesting and instructive, several of the more prominent florists telling of their experiences with extra help, and extra automobiles and trucks for delivery, and ways of improving same. Come to the meetings and learn how others are handling the big business.

Thousands of rose bushes were planted in Wade Park, Friday, "Arbor day", by girls from the normal school, under direction of Dr. Jean Dawson. Fifty girls took part in the rose drill, in march formation through the park. Public schools throughout the city planted trees or shrubs in honor of the day.

C. F. B.

Buffalo.

PLANTS INCREASE IN POPULARITY.

Weather conditions the past week have been almost ideal. Had they prevailed the week previous, much labor would have been saved. Easter has come and gone and all can say they were satisfied. Never before were there so many groceries, news depots, confectionery stores, where the country grower could put his stock outside of an undertaker's shop or the telephone exchange. You could see ramblers, tulips, azaleas and other plants, with quality in keeping with the grower, who will in about a month ask the store man to handle his goods. But why complain? They simply relieve you of the cheap buyer, who wants a 25-cent plant sent to the extreme limit of the city, and then, if broken, you have to replace it. Such is life. Trade in the downtown district was as good as last year, taking all in all. It started late, and the demand for elaborate baskets and artistic arrangement was lacking. The energetic florist anticipated the call, and arranged his plants and boxes accordingly. Pretty plants and baskets from $3 to $5 readily caught the eye of the purchaser, and sales were made accordingly. Corsages of all kinds were as much in demand as ever before, and were executed as best the florist could do with the "proviso"—delivery before church time. It is safe to say that the florists were equal to the occasion and at least fifty automobiles were sent from the downtown stores between 7:30 and 8:30 a. m., with nothing for delivery but corsage bouquets. Plants of all descriptions seemed to sell over cut flowers, and one cannot but think the purchaser was right. A well grown rambler, hydrangea, azalea, rhododondron, tulip or daffodil priced from $1 to $10, prettily arranged, will sell quicker than the dozen roses or carnations at $1 or upwards, no matter how artistically arranged in an ice box when they know that the same flower was on sale the week before at a much lower price. Supply and demand we know rule all things, but there is a happy medium and it must be reached. It is a pleasure to sell cut flowers of all kinds, but you must give the customer something for his money, and when he sees a splendid plant for $2 and 12 roses for the same price he takes the most for the money. Buffalo has not been favored in many years with as fine a stock as was shown in the stores this year. Great credit is given to the growers in all greenhouses for the fine stock produced. S. A. Anderson, W. J. Palmer & Son, Wm. Scott Co., L. H. Neubeck, Stroh's Flower Shop and the east side growers had fine plants, which helped to make trade good.

When "two souls with but a single thought and two hearts that beat as one" are fired by the extreme heat that a greenhouse has to have to produce the lily, it is no wonder that a wedding is budding forth, and ere the Darwin tulips show their pretty heads above the soil, North Tonawanda will have annexed another resident to the city, and the Lockport car will have still one passenger asking for a transfer to the Utica car, and Anderson's will need another lady at the Elmwood store. The "birdies say" June, but look out for school commencements—July is a good, quiet month for the florists.

BISON.

Washington.

STOCK IS DRUG ON MARKET.

With business slow, stocks of all kinds are a drug on the market. The best of American Beauties can be had for $12 per hundred, while other roses, such as Radiance, Killarney, both colors, Richmond, Hadley, Sunburst, Hillingdon, Ward, Queen, Mrs. Shawyer and Enchantress could be bought at from $12 to $60 per thousand, while carnations are in the same boat. The commission houses were glad to get rid of these stocks at $10 per thousand. Jonquils could be had at your own price and the same with Easter lilies. The very best lilies could be had at $6 per hundred, while good stock could be had at $4.00 per hundred. Sweet peas are also plentiful. In Spencer varieties the very best can be had at $7.50 per thousand. By the appearance of some of the stores, it looks as if some of them were getting ready for another Easter, as there are just as many flowering plants at present as there were before Easter. Everybody has had time now to look over his Easter trade and all seem satisfied with their holiday business, but it could have been a good deal better. Some of the leading florists were very fortunate to have a few good decorations, which helped them to get some returns for the flowering plants that were left over.

NOTES.

H. Payne, manager for Mrs. Freeman, is enjoying a needed rest while acting as a juror.

Visitors: J. Dillhof, with Schloss Bros., New York.

G. C. D.

Albany Florists' Club.

At the April meeting of the Albany Florists' Club, Fred A. Danker was appointed chairman of a committee to call upon the commissioner of public safety, to ask him to exercise his authority to cause the removal of fakirs, who sell flowers on the streets. It was pointed out that these men are serious competitors of citizens who pay heavy rents and taxes in the community, and are responsible for the goods they sell. Besides Mr. Danker, President Bilson named on the committee Fred Henkes, Edward P. Tracey, and Louis H. Schaefer.

To an article that appeared in one of the local newspapers, Saturday morning, April 3, the members attributed a pronounced stimulus in the sale of flowers for Easter. The secretary was instructed to write to the managing editor thanking him for the article.

Earl Shaw and Ernest Nelson of this city, and Henry Hansen of Catskill were elected members of the club.

R. D.

Omaha

TRADE CONDITIONS IMPROVE.

Trade conditions have been showing improvement for several weeks past, and April started in to keep up the pace with a splendid Easter business. Real spring weather is at hand, stock is plentiful and of good quality and everybody seems happy. Plants in bloom had a strong call for Easter sales, the dealers in a number of instances being sold out entirely by noon, Saturday, April 3, and many more could have been sold if the stock had been at hand. Azaleas were a disappointment, but rhododendrons were extra fine, and lilac stock was high grade, plants selling at $4 to $5 each. Hydrangeas, selling at $1.50 to $3, tulips, 8 to 10 in a pot, at $1, and hyacinths, in arrangements of four or five, at $1 to $1.25 were in strong demand in the plant class. Baskets, made up to sell from $3.50 to $8 sold fast, but above $10, they were dead stock. Lots of lilies of poor quality were seen, but excellent cuts of Formosum were also noted that sold up to 25 cents, and sold out at that figure. Daffodils Von Sion and Queen Victoria, miniature hyacinths, ericas, Chorizema cordata and genistas, all of excellent quality, found ready buyers at good prices.

NOTES.

Hess & Swoboda report that business for March was excellent, showing an increase of $600, an indication that normal conditions are returning. Easter sales at this establishment are reported as resulting in a sell out. The lilac plants received from Jackson & Perkins, Newark, N. Y., were better than imported stock,—the best stock of its class they have ever had. Fine stock of Lilium Formosum was also a feature here.

It is reported that Howard Morgan, for the past year or so a member of the firm of Morgan-Shawler Co., has withdrawn from the firm. No announcement has been made of the firm's plans.

J. J. H.

SALINA, KAN.—A full page advertisement in the local papers was used by Edward Tatro to stimulate his Easter trade. He reports the biggest volume of Easter sales in the history of his business.

ASHEVILLE, N. C.—"Brownhurst, where Flowers Grow", had an exceptionally large stock of cut flowers and plants for the Easter trade, but not enough to meet the heavy demand. Everything sold out clean, and more stock could have easily been disposed of, had it been available.

OBITUARY.

Edward Eisenberg.

Edward Eisenberg, son of I. H. Eisenberg, a well known florist of New York, died at his home in Astoria, Greater New York, April 10, after an illness of but three days, of pneumonia. He was 24 years old and reared by his father in the florist business. He was a young man of promise and finely educated. He had of late been in business for himself. A. F. F.

John Niquet.

John Niquet, son of Frank Niquet, a well-known carnation grower of Patchogue, L. I., N. Y., died early in the past week of pneumonia. His funeral took place Friday, April 9, and was attended by a number of the leading florists of New York. He was a young man of great promise. He learned the florist business with his father, and for the past year had been employed by C. C. Trepel in the store of Mr. Trepel, at Gimbel Bros., New York. He was 19 years old and a young man of fine physique and good habits. His father, Frank Niquet, is one of the best known growers that ship to New York. A. F. F.

Mrs. John B. Nugent.

It is with sincere sorrow that the writer records the death of Mrs. John B. Nugent, which occurred at 11:30 p. m., April 10, after an illness of pneumonia of one week and one day. Mrs. Nugent's many lovable qualities had endeared her to thousands of people who have known her, and the heartfelt sympathy of the men and women of the florist trade, and many others, goes out to her bereaved husband and other relatives. Her maiden name was Sabery Dorsell. She was born in St. Louis, Mo., 33 years ago. She was a very beautiful woman and the last time the writer saw her in health she would have been taken as not over 25 years old. She was married to Mr. Nugent in Baltimore, Md., on July 6. 1911. Previously she had been a singer of great popularity, having been prima donna of the Aborn opera company, and had appeared before large audiences in all the leading cities of the United States. Just previous to being stricken, she had signed with that company to appear in Washington, D. C., in May. Although a professional singer, Mrs. Nugent frequently gave her talents to aid some good cause for charity. John B. Nugent has for many years been a well known florist of New York and is an ex-president of the New York Florists' Club. Mrs. Nugent has frequently entertained the club on their "Ladies' Nights." She died at the family home, 42 West 28th street. The funeral was from the Broadway Tabernacle on the morning of April 13. A. F. F.

Thomas Emerson.

Thomas Emerson, for 45 years head gardener to the Dinsmore family of Staatsburg, N. Y., died April 3, aged 75 years. At the time of his death Mr. Emerson had been serving the third generation of the Dinsmore family. He was a native of Scotland, coming to this country when quite young. He was a man, who in his leisure time employed himself in reading and study. He left a library estimated to be worth $6,000. He was a member of the Dutchess County Horticultural Society, and in younger years was a member of the New York Florists' Club. He is survived by a widow, two daughters and a nephew, W. E. Marshall, of the well known New York seed firm of W. E. Marshall & Co. Mr. Marshall was on a business trip in the middle west, but returned in time to be at his uncle's death-bed. Interment was on April 6.

Mr. Emerson was a man universally esteemed, not only for his knowledge of horticulture, but likewise for his many other intelligent and amiable qualities. He was a landmark in private gardening. A. F. F.

Simon Rodh.

Simon Rodh, a dealer in florists' ribbons, with an office and salesroom at 40 West 28th street, New York, died at his home, 244 Lenox avenue, April 9, after a very brief illness of pneumonia. He was 66 years old. Mr. Rodh had for a number of years been well known and appreciated by the florists of New York for his genial and kindly ways. While at all times a business man he had human sympathy and never went back on a friend. Of Jewish descent, he was born in this country and though it has been stated that the tide of business at times went against him, we believe he left a competence. He is survived by a widow and other relatives, but no children. A. F. F.

The Late Mrs. John B. Nugent.

FAR AND NEAR.

GREELEY, COLO.—All Easter stock cleaned up nicely and an increase in sales over the corresponding period last year of about 20 per cent was noted, according to Gardner Floral Co.

POMONA, CALIF.—O. Roessner reports 1915 Easter trade about on a par with last year, both in volume of business and prices. Flowering plants sold well, and carnations led in popularity in the cut flower class.

BERKELEY, CALIF.—The lily was the favorite Easter flower this year, both in plants and cut blooms. The supply in both classes was heavy, and there was little difference in volume of sales or prices over a year ago, according to J. A. Carbone.

TAMPA, FLA.—Small plants at low prices had the call in the Easter trade this year, reports Tampa Floral Co. Total sales were 20 per cent better than last year, but prices were lower, and buying of flowers by the poorer classes is responsible for the sales increase.

JACKSONVILLE, FLA.—"Local florists enjoyed a good 1915 Easter business, sales being about 15 per cent better than a year previous, with prices the same and cut flowers and plants in supply equal to all demands," writes Mills, the Florist, Inc.

WILMINGTON, DEL.—With a severe snowstorm interfering with transient business, and streets so slippery that horses and wagons were of very little use, H. P. Potter's automobile delivery service maintained its regular schedule, and he reports Easter business this year was 15 per cent better than that of the 1914 period.

SAVANNAH, GA.—Two days of heavy rain preceding Easter did not prevent sales showing an increase of 15 to 20 per cent for the great flower day. Cash sales were 25 per cent better than a year ago, according to A. C. Oelschig & Sons, and would have been much greater, but for inclement weather, which kept shoppers indoors.

COLUMBUS, O.—Weather, too cold to take stock out without wrapping, caused much stock sold in the markets and curbs to be frozen or unpresentable for the Easter trade. The flower stores did a rushing business, however, reports John R. Hellenthal. Local florists could not expect better business, as all cleaned up well at good prices.

DAYTON, O.—Warren G. Matthews, proprietor of the Dayton Floral Company, says: "Don't advertise on your back door; no one sees it." In calling attention to his Easter display this year he used an attractive full page advertisement printed in two colors, in one of the local papers. He says his sales were 10 per cent better than Easter business in 1914.

NASHVILLE, TENN.—The Joy Floral Co. reports that Easter sales this year were 20 per cent better than a year previous. There was no difference in prices, and while plants were in good supply, the call for cut flowers was in excess of the stock on hand. Plants ranging in price from $1 to $4 had the best sale. In cut flowers there appeared to be little choice and everything cleaned up.

RALEIGH, N. C.—Despite one of the worst blizzards ever experienced, and with telegraph and telephone service out of commission, J. L. O'Quinn & Co. report this year's Easter trade better than that of 1914. Prices for all stock generally were higher and the supply was equal to the demand. Advance orders were numerous and if the weather had been favorable business would have been double that of the previous season.

WASHINGTON, D. C.—Three main line telephones were overworked at Gude Bros. in handling a big Easter business this year. Prices were the same as a year ago but trade was 10 per cent better in spite of a heavy snowstorm Saturday, April 3, that interfered with transient trade. In the plant class, enough stock, with the exception of lilies, was left over to duplicate all orders. Orchids, violets and lily of the valley sold best in cut flowers.

PROVIDENCE, R. I.—Macnair, the Florist, writes of the Easter trade this year as follows: "Prices were below the 1914 standard, and a decrease in business to the extent of about 25 per cent was noted. In both plant and cut flower stock there was an oversupply in most varieties, but fancy stock in flowering plants were most in demand, and good call was the rule for bulbous stock of all kinds, azaleas and ferns. In cut blooms, carnations, lily of the valley, violets and sweet peas led in popularity."

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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MOTHER'S DAY, the second Sunday of May, falls on May 9 this year.

Personal.

J. J. Karins, well-known traveling representative of H. A. Dreer, Inc., Philadelphia, Pa., has mailed us from Portland, April 8, an interesting Oregon romance of a rosebud. Jim will tell about it next time he calls if requested.

Uncle Nick Hallock, now in Los Angeles, writes: "I thought Bermuda fine It is as a tallow candle to an arc light compared with southern California. I met my cousin, O. H. Drew, in Tropico."

Hugo Mock, representing the National Floral Corporation, New York, was in Chicago this week enroute to San Francisco, in the interest of his concern.

American Gladiolus Society.

GLADIOLUS SHOW AT ATLANTIC CITY.

The American Gladiolus Society has decided to hold two exhibitions of gladioli this year, one at Newport, R. I., on August 18-19, as announced, and an additional one at Atlantic City, August 26-29. The latter exhibition is intended for the benefit of the growers and dealers as Atlantic City in August presents the unusual opportunity of drawing up to 100,000 people a day to a show. No schedule will be required for the second show but a series of medals may be offered by the society for the most noteworthy exhibits. The Royal Palace Casino, situated directly on the boardwalk and surrounded by the ocean from three sides, has been secured and it will prove not only a daylight hall, but the atmosphere for an August day will be made delightful both to the flowers and the public.

The American Gladiolus Society is desirous of making this exhibit the foremost national floral event of 1915, and wants every grower (large or small) to be represented with an exhibit. Every possible assistance will be given by the committee in charge to those who live distances away, with information, guidance, accommodations for hotels, etc. Exhibitors will be allowed to book all the business they can; in fact, the sole purpose of the exhibit is to boost the American gladiolus for the American garden and thereby help the American grower to fight foreign competition, which has before this caused much concern to the American grower.

For further information address the chairman of the special exhibition committee, Maurice Fuld, No. 1 Madison avenue, New York.

H. YOUELL, Sec'y.

National Association Of Gardeners.

ESSAY COMPETITION.

The essay committee of the National Association of Gardeners has selected the following subjects for the contest for President Everitt's $100.00 award for the best written essay on horticulture:

Class 1. Prize, $35 gold. Subject—"Horticulture as a Profession from the Standpoint of a Gardener."

Class 2. Prize, $25 gold. Subject—"The Proper Grouping and Culture of Trees, Shrubs, Perennials and Annual Bedding Plants in the Ornamentation of Private Grounds."

Class 3. Prize, $20 gold. Subject—"Preparation of Ground for and General Treatment of Hardy Herbaceous Perennials." Naming a list of species (limited to one hundred), providing a succession of flowers throughout the entire season.

Class 4. Prize, $20 gold. Subject—"How to Secure a Year's Vegetable Supply with the Aid of Cold Frames or Hotbeds (but no greenhouses), Including Soil Preparation."

The contest, open to professional gardeners, who are engaged in the capacities of superintendents, head gardeners or assistant gardeners, closes October 1, and the judges, consisting of three gardeners and two representatives of the horticultural press, appointed by the essay committee, will report their decision at the next convention, which will occur the first week of December. Full particulars will be furnished by William H. Waite, chairman essay committee, National Association of Gardeners, P. O. box 290, Madison, N. J., to whom all inquiries should be addressed.

At the meeting of the executive board held in New York recently, it was voted, in response to an invitation from William Kleinheinz, chairman of committee, to secure private growers' exhibits for the fourth national flower show, to be held in Philadelphia, March, 1916, to co-operate with the Society of American Florists to make the show a success.

President Everitt has appointed a committee on protection of native birds, which includes the following members: L. P. Jensen, St. Louis, Mo., chairman; David F. Roy, Marion, Mass.; Lester E. Ortis, Bernardsville, N. J.; Robert Williamson, Greenwich, Conn.; Frank R. Kuehne, Lake Forest, Ill. Chairman Jensen reports that the committee has secured the co-operation of Dr. H. W. Henshaw, chief of the United States bureau of biological survey in its work on bird preservation.

Members of the National Association of Gardeners will join the American Association of Park Superintendents in its trip to San Francisco, to attend the N. A. G. summer meeting, which will be held in that city during the third week of August.

Effect of Commercial Humus on Roses.

Several forms of commercial humus have been widely advertised for use in greenhouses. Some experiments with Alphano humus have been conducted at the New Jersey state experiment station for the past two years, and one very marked result has been verified by the two seasons' work. Some varieties of roses will grow well when this material is added to the soil, while others are decidedly depressed in growth by it.

The Pink Killarney has made a good growth the first season where as high as 15 to 30 per cent of the plain humus as dug from the deposit without any chemical reinforcement has been used. On the other hand, the My Maryland rose has invariably been checked and depressed in growth whenever this material has been used in any soil mixture. This depressive effect has been proportionate to the amount of humus used. When as high as 30 per cent was used the plants made practically no growth. The foliage would often be quite green, but free growth was decidedly checked. Different varieties of plants have marked preferences as to conditions of growth. It is evident that even the so-called "plain commercial humus" is not good "for everything that grows". Florists should be cautious in using any great quantities of such materials, except in an experimental way.

M. A. BLAKE, horticulturist.
New Jersey State Exp. Sta.

Chas. P. Mueller Gets Big Bouquet of Votes

Charles P. Mueller, florist, of Wichita, Kan., candidate for election for membership on the board of education of that city, was swept into office by one of the largest popular votes ever given a candidate for local public office. Out of 12,300 votes cast, he received 8,856. This number was 1,471 greater than the majority of any other candidate. Out of 23 precincts, Mr. Mueller led in all but six.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By all-round gardener and florist, propagator and landscape. Address
C. F. DUMKE, Marseilles, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Head gardener wishes position in private place or institution; married, age 40, one child. German; best references. Address
M. STADLER,
1119 Sherman Ave., Madison, Wis.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—As foreman; perfectly good grower of American Beauties, tea roses and carnations. 32 years of age, single and sober. State wages in first letter. Address B. P.,
2014 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener on private estate; age 32, single; 16 years first-class experience on private establishments, under glass and outdoor. Address T. F. H.,
2103 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials.
FLORIST, 59 W. Ontario st.
Chicago Ill.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY,
N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By an experienced gardener on private place. Fruit, flowers and vegetables, hot and cold graperies, hot house fruit, lawns, shrubs and all work required on private place. Best of reference. Address
Key 497 care American Florist.

Situation Wanted—By a good first-class designer and decorator, salesman and capable of managing a first-class store. Married and 32 years of age. Have 16 years experience with nothing but good stores. Open for position at once. First-class references. Address,
Key 505, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address
Key 475, care American Florist.

Help Wanted—Two capable greenhouse men on country estate. Address
B. HATHAWAY,
"Sonnenberg," Canandaigua, N. Y.

Help Wanted—Leading Chicago florist wants boy over 16 years of age to learn retail trade. State full particulars and wages wanted.
Key 500, care American Florist.

Help Wanted—Young man with good practical knowledge of floriculture, who can sell to the trade of New York and vicinity. State age, salary, experience. Key 503, care American Florist.

Help Wanted—Experienced assistant for greenhouse and outdoor work, sober and honest, steady position. Wages at start $30 per month and good board and room. Only German need apply.
WOODEND FARM GREENHOUSES,
Mound, Minn.

Help Wanted—Leading Chicago greenhouse manufacturing concern wants bright young man with a high school education and good at figures to learn the business. Splendid opportunity for deserving party. Good salary to start. State full particulars in first letter and address in own handwriting. Key 507, care American Florist.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92,
Glen Burnie, Md.

For Sale—Complete delivery outfit, including a dandy horse wagon, harness, etc., for $175. For further particulars address
Key 501, care American Florist.

For Sale—At once, on account of ill health, an indoor greenhouse stock lately left me by a will. Communicate with LAURA MORGAN,
1009 W. Kimber St., Danville, Ill.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. 3½ acres. 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Rent—Desirable location for retail florist. Lease expiring soon. Apply
T. BALL, 6974 N. Clark St., Chicago.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

HELP WANTED

Few good potters. Apply at plant department.

POEHLMANN BROS. CO.
MORTON GROVE, ILL.

FOR SALE

Six first-class second hand tubular boilers 60x16, $175.00 ea.; 90x20, $275 00 ea. Fronts and grates complete. Large stock of overhauled pipes and flues.

ILLINOIS PIPE & MFG. CO.
2117 S. Jefferson Street, CHICAGO, ILL.

For Sale. Speak Quick.

100 new Hotbed Sash, not glazed. Cost $1.25 and have had two coats paint. Will sell in one lot at $1.00 each.

FRENCH & SALM,
Union Grove, Wis.

FOR SALE.

Extraordinary Opportunity.

My new greenhouse, 20 x 120, filled with late varieties of roses; two acres of best soil and A1 location. Here is a chance for a rose grower of small means. Write for particulars. Some sickness in family. Address

S. L. HARPER, R. D. 3, Tacoma, Wash

CIVIL SERVICE BOARD.

West Chicago Park Commissioners.

Examination (No. 156) For Gardener

Will be held at 9 a. m., April 30, 1915, at the Garfield park pavilion. Open only to men between the ages of 21 and 50 years. Pay $.28½ to $.37½ per hour.

Subjects: Special subject, to include a written and oral test on identification and general care and characteristics of trees, shrubs, lawns and perennials; weight of 5. Experience, weight of 3; physical, weight of 2.

Applications must be filed in the office of the board in Union park, before 5 p. m., of April 29, 1915. Application blanks may be obtained at the office of the board in Union park or at West Park playgrounds.

Fred G Heuchling,
Supt. of Employment.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price $3.00, Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St CHICAGO.

BOXWOODS

Exceptionally fine stock in the following shapes and sizes:

Bushes, 10-in.	25c, $3.00 per doz.
Bushes, 12-in.	30c, 3.60 per doz.
Bushes, 12-in. extra heavy, 10-in. wide	40c, 4.80 per doz.
Bushes, 15-in.	50c, 6.00 per doz.
Bushes, 18-in.	$1.00 each
Bushes, 24-in.	1.25 each
Pyramids, 30-in.	2.00 each
Pyramids, 36-in.	3.00 each
Pyramids, 3½-ft.	3.50 each
Pyramids, 4-ft.	4.00 each
Pyramids, 5-ft.	6.00 each
Pyramids, 6-ft.	12.00 each
Standards, 2-ft. stem, 12-15-in. crown	$2.00
Globe, 24-in.	$6.00 each

—ORDER TODAY—

THE GEO. WITTBOLD CO.

L. D. Phone, Graceland 1112

737-39 Buckingham Place, CHICAGO

DREER'S
Snow-Ball Petunia

A most select double white variety and a valuable plant to grow for summer cut flowers. We offer thrifty stock plants, which will furnish an abundance of cuttings in a short time, 3-inch pots, 85c per doz.; $6.00 per 100.

HENRY A. DREER

714-716 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the trade only.

Minneapolis, Minn.

OVERSUPPLY AT BUYER'S PRICE.

The market the past week has been in oversupply with plenty of fine roses selling as low as 5 cents, the other stock in proportion, as to what could be got for it instead of what it would sell for. Carnations were $1.50 to $3 per 100 and roses two cents to six cents each; bulbous stock at your own price. Sweet peas are $1 per 100; violets $1 per 100, with a good supply of everything except American Beauty roses.

The local florists' club held its regular meeting at 218 Fifth street, north, April 6. The committee for the coming fall flower show are W. D. Desmond, R. Latham, Theo. Wirth, Hugh Will, Cal Rice and two others to be appointed by a committee. Cal Rice reported seeing Miss Helen Wood of the West hotel, who said that the club could have any space they desired there, and they were accordingly instructed to go ahead and make the arrangements for the fall show and report same back next meeting. A committee consisting of Messrs. Desmond, Taylor, Amundson and Latham was appointed to call on the newspapers and find out why lilies were quoted in the general news as being in oversupply, and 20 cents given as the price, while most of the dealers were getting 25 cents, and had hard work finding good stock at that. A motion was made that instead of advertising in the daily papers Mothers' day, that the club get out sticker seals with "Mothers' day, May 9" in big letters and Minneapolis Florists' Club in very small letters, and have same placed on all boxes and packages, as then it would remind the people of same. The committee was instructed to order what they thought they could use.

Wessling's Lakewood greenhouses had a large decoration of five floors at the Vogue department store, which took a large amount of stock.

L. S. Donaldson Co. had several large church decorations, together with several of the large department stores.

Mrs. R. A. Wilson, formerly of J. M. Gasser Co., Cleveland, Ohio, has taken a position at Dayton's.

Every florist you meet has that smile that won't come off since Easter. Why is it?

O. H. Carlson and C. F. Rice left on a trout fishing trip April 14.

Visitors: W. G. Nordeen, of Jewel Nursery Co., Lake City, Minn.; Harry Philpott, of Winnipeg, Man. T. R.

Floral Publicity

We Specialize In High Grade Effective Direct Advertising

Increasing Florists' Sales

Promote Mothers' Day May 9th, 1915

Mothers' Day has greater possibilities for creating NEW flower business than any other holiday in the year, not excepting St. Valentine's Day.

Make the Second Sunday in May, May 9th, 1915, not only a big flower day, but a profitable one by using our Mothers' Day Folder. If you have not received our Mothers' Day Folder sample, it will be sent to you with full particulars upon request.

When you appeal to a man's love for his mother you touch a most responsive heart cord. In the rush of business he may forget Mothers' Day, but a reminder from you will call it to his attention.

Promote the giving of flowers or a plant to Mothers—not just the wearing of a red or white carnation. Our Mothers' Day Folder is a masterpiece—everything about it suggests flowers as a gift to Mother.

A man may do many things to please his mother, but in no other way can his love and reverence be so truly expressed as by a gift of flowers.

Our Mothers' Day Folder, which will be used by florists in a great many cities in the United States and Canada, will do its share to build up this day in those cities.

Write us or mail order promptly if you want our service for Mothers' Day.

McNEFF-SWENSON COMPANY

Floral Publicity Experts

220 So. Michigan Blvd., CHICAGO, U. S. A.

POEHLMAN

72-74 E. Randolph St.,

Fancy Mrs. Chas. Russell Roses

Large perfect flowers on all lengths of stems in good supply. This rose is preferable to the American Beauty in the shorter lengths up to 36 inches, because of its superior quality. The Russell rose has perfect flowers on strong stiff stems, and possesses splendid keeping qualities.

SUNBURST-WARD-RED ROSES-All the KILLARNEYS-HADLE
CARNATIONS-CATTLEYAS-SWEET PEAS-VALLEY-BEAUTIE

CURRENT PRICE LIST.

ROSES

AMERICAN BEAUTIES.	Per doz.
Special	$5.00
36 inches long	4.00
30 inches long	3.00
24 inches long	2.50
18 to 20 inches long	$1.50 to 2.00
Short, per 100, $4.00, $6.00, $8.00 and	$10.00

	Per 100
HADLEY	$4.00 to $6.00 to $12.00
SHAWYER	4.00 to 6.00 to 12.00

RICHMOND MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.	Per 100
Extra long	$8.00 to $10.00
Long	6.00
Medium	$4.00 to 5.00
Short	2.00 to 3.00

KILLARNEY, WHITE KILLARNEY, WARD.	
Extra long	$8.00 to $10.00
Long	6.00
Medium	4.00
Short	2.00 to 3.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	$ 2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, $4.00, $6.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

Gardenias	per dozen, $3.00 to $4.00
Cattleyas	per dozen, 4.00 to 6.00

CARNATIONS.	Per 100
Fancy	$3.00
Our selection	2.00
Splits	$1.00 to 1.50

MISCELLANEOUS CUT FLOWERS.	Per 100
Daffodils and Jonquils	$ 3.00
Tulips	$2.00 to 3.00
Sweet peas (common)	.75
Sweet peas (Spencer)	1.00
Lilies (long stem)	12 50
Lilies (short stem)	8.00

LILY OF THE VALLEY.	Per
Extra fancy	$4.
First quality	3.
Second quality	2.

MISCELLANEOUS GREEN GOODS.	
Mexican Ivy	$ 0.
Smilax, doz. $2.50	
Sprengeri Asparagus	$2.00 to .
Asparagus Plumosus, per string, 60c	
Leucothoe	1.
Adiantum	1.00 to 1.
Galax (bronze)	per 1,000 $1.
" (green)	per 1000, 1.
Eastern flat ferns	per 1,000 3.
Boxwood, per lb , $0.25	per case, 7.
Southern Wild Smilax	per case, 5.

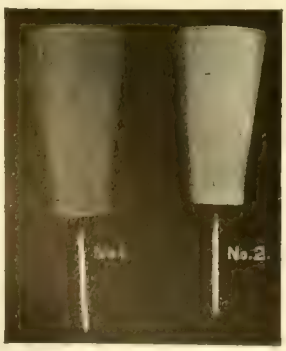
Hughes' Mothers' Day Box.

Constructed on original lines and designed especially for Mothers' Day. 24 inches long, 5 inches wide, 3¾ inches deep. Can be used for $1.00, $2.00, $3.00 or $5.00 orders. Suitable for any day in the year when sending flowers to Mother on her Wedding Anniversary, Birthday, etc.

Inside cover: Appropriate Poem to the White Carnation.

Outside cover: An illustration by the famous artist, Gabriel Max, done in exquisite four-color work, and a redolent quotation in decorative printing, combined in unsurpassed artistic effect.

Price, $5 per package of 10; $50 per 200.
Don't Wait—Order Now.



Glass Cemetery Vases

10-inch, per dozen	$1.50;	per bbl., 5 dozen	$7.00
12-inch, per dozen	2.00;	per bbl., 5 dozen	9.00
16-inch, per dozen	8.50;	per bbl., 2 dozen	7.00

White and Green Enamel Vases

No. 1—Height, 6¾, diam., 4¼; each.....20c; dozen.....$2.00
No. 2—Height, 6¼; diam., 3½; each.....15c; dozen..... 1.60

Sheet Moss, fine fresh material, per bag, $2.00

N BROS. CO.

ong Distance Phone, Randolph 35. **CHICAGO, ILL.**

WESTERN PALM HEADQUARTERS

Largest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

3-in. pots, $2.00 per doz; $15.00 per 100.

			Each
4 inch pots,	5 to 6 leaves,	18 in. high	$0.35
6 inch pots,	6 to 7 leaves,	24 in. high	1.00
6 inch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
6 inch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
7 inch pots,	6 to 7 leaves,	40 to 42 in. high	3.00
8 inch tubs,	6 to 7 leaves,	40 in., heavy	3.50
8 inch tubs,	6 to 7 leaves,	42 to 44 in. heavy	4.00
8 inch tubs,	6 to 7 leaves,	45 to 48 in. heavy	5.00
8 inch tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $20.00 to $40.00.

Kentia Belmoreana

Made-up Plants

-in. pots	3 plants in a pot	24 in. high	$1.20
-in. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Kentia Forsteriana

Single Plants

3-in. pots, $2.00 per doz.; $15.00 per 100.

4 inch pots,	5 to 6 leaves,	18 to 20 in. high	$0.35
6 inch pots,	5 to 6 leaves,	28 to 30 in. high	1.00
8 inch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
8 inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
0 inch tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
0 inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
6 inch pots,	3 plants in a pot,	28 in. high	$1.50
7 inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs,	4 plants in a tub,	38 to 40in. high	3.00
8 inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8 inch tubs,	3 plants in a tub,	48 to 54 in. high	5.00
8-inch tubs,	4 plants in a tub,	52 to 56 in. high	6.00
0-inch tubs,	4 plants in a tub,	5 ft. high	8.00
2-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
2-inch tubs,	4 plants in a tub,	6 ft. high	12.00

Very strong specimens, in 15 inch tubs, 7 plants, $15.00, $18.00 and $25.00.

Phoenix Roebelenii

			Each
4-in. pots, nicely characterized, 40 cents.			
7-in. pots	22-in. high	30-32-in. spread	$2.00
7-in. pots,	26-in. high	34-36 in. spread	2.50
8-in. tubs, grand specimens			3.50

Areca Lutescens

6-in. pots, 3 plants in pot	1.00
7-in. pots, 3 plants in pot	1.50

FERNS—Boston, Whitmani, Roosevelt.

7 inch, each	$0.75	per doz	$ 9.00
8 inch, each	1.00	per doz	12.00
10 inch, each	2.50		
12 inch, each	3.50		

Extra fine Boston and Asparagus Hanging Baskets $1.50 to $3.00 each.

Pandanus Veitchii

Highly colored, 3-in., 25c; 4-in., 50c; 5-in., 75c to $1.00; 6-in., $1.50; 7-in., $2.00 to $2.50 each.

Dracaena Terminalis

Highly colored, extra fine, 4-in., $3.00 per doz.; 5-in., $5.00 per doz.; 6-in., $7.50 per doz.

Araucarias

Excelsa, fine stock, 50c, 75c, $1.00 each. **Robusta Compacta,** large plants, $1.50 to $2.00 each.

Crotons

Well colored in all varieties, extra fine, 50c to 75c each.

English Ivy

Strong stock, 20 cts. to 35 cts. each.

100,000 CANNAS

Very choice varieties. Extra strong plants. 4 in., $8.00 per 100; $75.00 per 1000.

SPECIAL OFFER

We are now book ng orders for a lot of several thousand **American Beauty** plants in 5 and 6 inch pots, which will be in full bloom the latter part of this month. They are extra fine and will sell like hot cakes. Give us your order now and we will reserve stock for you at 35 cents to 50 cents each.

ALL FREIGHT SHIPMENTS TRAVEL AT PURCHASER'S RISK

GRAFTED AND OWN ROOT ROSE PLANTS

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-in.	Per 1000	Per 5000	Grafted, 2½-in.	Per 1000	Per 5000
Hadley	$120 00	$550 00	Richmond	$110 00	$500 00
Milady	110 00	500 00	Bulgarie or Taft	110 00	500 00
Mrs. Geo. Shawyer	110 00	500 00	Cecile Brunner	100 00	.....

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in.	Per 1000	Per 5000	Own Root, 2½-in.	Per 1000	Per 5000
Pink Killarney	$60 00	$275 00	Milady	$60 00	$275 00
Richmond	55 00	260 00	Hadley	70 00	300 00
Bulgarie or Taft	60 00	275 00	Prince d'Arenberg	60 00	275 00

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white.....$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow.....$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Virginia Poehlmann	2 50	22 00	3 00	27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

CARNATIONS

Extra fine 2½ inch stock. Order early.

	Per 1000
Winsor	$30.00
Enchantress	35.00
Champion	65.00
Gorgeous	40.00
Scarlet Glow	35.00
C. W. Ward	35.00

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Big Reduction in Prices
OF FLOWERS

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

ROSES

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Rhea** and **Richmonds.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

Beauties.

A choice cut in all lengths of stems. Not many medium lengths are now being cut.

Carnations.

A fine supply of very fine quality pink, white and our extra fancy red **Belle Washburn.**

Sweet Peas.

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. $1.00 to $1.50 per 100.

Jonquils, Sweet Peas, Valley and **Greens**—large supply constantly on hand.

Tulips, all colors, single and double.

PRICE LIST

BEAUTIES.	Per doz.
Extra long specials	$3.00 to $4.00
30 to 36 in. stems	2.00 to 2.50
20 to 24 in. stems	1.50
15 in. stems	1.00
Shorter lengths	.50 to .75

Killarney Brilliant, Sunburst, Rhea Reid.	Per 100
Extra long stems	$8.00
Medium length stems	$5.00 to 6.00
Short length stems	3.00

Richmond, Pink Killarney, White Killarney.	
Long stems	8.00
Medium stems	$5.00 to 6.00
Short stems	3.00

Bulgarie, Pink and White Killarney.	Per 100
30 to 36 inch stems	$10.00

Roses, our selection of 500 or more at the rate of $25.00 per 1000.

Carnations.	
Red, extra fancy **Belle Washburn**	3.00
White, fancy	3.00
Pink, fancy	3.00
Our fancy grade of Carnations in lots of 500 or more, our selection, at rate of $20.00 per 1000.	
Sweet Peas, according to quality	.50 to 1.00
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 2.50

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

TRADE UNUSUALLY QUIET.

Trade has been unusually quiet since Easter, and there has been practically nothing doing either as far as the local or shipping demand is concerned. Stock of all kinds has been very plentiful, with the exception of orchids and gardenias, and has sold in large lots at unusually low prices. The large department stores had special sales on roses as low as 10 cents per dozen last week, which will give one a little idea of how plentiful stock really was. The warm weather brought the stock along in great shape, and with the supply steadily increasing and no buyers around, the wholesale stores had to find some outlet for stock and did the best they possibly could under the circumstances. It is doubtful if the trade has ever experienced such a quiet period as it did last week when the total sales dropped considerably and prices were remarkably low. Carnations are in large supply, but are meeting with very little sale and the same holds good for roses. Miscellaneous stock is selling better than anything else, and taken all in all, business is very quiet and stock is selling very cheaply, but a sudden change in the market conditions may be expected at any moment. American Beauty roses are in larger supply and some fine stock in the longer grades is now obtainable at very reasonable prices. My Maryland roses are to be had in quantity and the same holds good for Ophelia, which are again making their appearance in larger supply. Some very fancy Prince de Bulgarie and Mrs. Chas. Russell roses are now to be had. Killarney, White Killarney, Richmond, Milady, Rhea Reid, Killarney Brilliant, Killarney Queen, Double White Killarney, Mrs. George Shawyer and Mrs. Aaron Ward are included in the offerings, and like the other roses are arriving in large supply. Lilies are very plentiful and so are callas. Sweet peas are still featured in large supply everywhere, and the first indoor grown gladioli made their appearance on the market this week. Snapdragons are seen in unusually large numbers and some very fancy stock is being offered. Spanish iris is more plentiful and the shipments of southern jonquils is extra large. A good supply of Ten Weeks' stock is still seen and violets are in oversupply. Larkspur, candytuft, daisies, mignonette, swainsona, forget-me-nots, and other miscellaneous seasonable stock is to be had in quantity. The demand the opening of the present week has shown some improvement and the outlook is more encouraging.

SNAPDRAGONS

Pink-Yellow, 50c to $1.50 per doz.

Sweet Peas - Iris - Roses - Carnations - Lilies Tulips-Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

NOTES.

The police captured Frank Holstein, Walter F. Weed and Wilbur F. Hard, who robbed and murdered William W. Weil in his florist store, 421 West Sixty-third street, on Easter night, an account of which appeared in the last issue of THE AMERICAN FLORIST. The murderers confessed, when arraigned before Judge Wade in the Englewood court, and the hearing has been set for Friday, April 16. According to Holstein they only got $35 in cash, but

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

MAMMOTH SUPPLY

RUSSELL--OPHELIA--RICHMOND

You can get what you need here in all lengths and in any quantity at the prices quoted below and it is just as well to remember the stock we are offering is of the finest possible quality. Order now.

Current Price List.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	$0 50 to 75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Wards, Milady, Ophelia	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75
	Per 100
ROSES, our selection	$3 00
Carnations, select	3 00
Good grade	2 00
Harrisii	$12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00
	35

2,000,000 Feet of Modern Glass

THE ADVANTAGES OF BUYING YOUR CUT FLOWERS FROM US ARE MANY.

This is especially true if you are an out-of-town buyer, for it is almost impossible for you to keep in regular touch with the local market conditions and know just what price to pay. We believe in treating all our customers right, and always give them the benefit of the market changes and treat them just the same as if they were on the ground themselves. You cannot do any better elsewhere, so why not deal here? **Roses, Carnations** and **Sweet Peas** are our leaders, but we have everything that the Great Central Market affords. Be sure that your next order goes to

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

some are inclined to think that the sum amounted to much more. Judge Wade refused to release the boys in bonds and Assistant State's Attorney J. A. Smejkal opposed a bond of $25,000 for Weed. Edward Weed, a brother of one of the murderers, was in the employ of the late Mr. Weil and is well known in the market where he looked after the buying. The funeral of the late Mr. Weil was held Friday, April 16, and interment was in Mt. Hope cemetery. The floral offerings from the trade were many and beautiful.

The civil service board of the West Chicago park commissioners will hold an examination for gardener at the Garfield park pavilion, April 30, at 9 a. m. Applications must be filed in the office of the board in Union park before 5 p. m. of April 29. Application blanks may be obtained at the office of the board in Union park or at the West park playgrounds.

C. E. Schafer and W. R. Ellers of the La Crosse Floral Co., La Crosse, Wis., visited the Bassett & Washburn range at Greggs station, where they report the stock in fine condition, especially carnations.

USE Budlong's Blue Ribbon Valley.

T. E. Waters received a telegram this week from relatives at Boston, Mass., announcing the death of his 19-year-old nephew.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

Large Supply of Exceptionally Fine Stock. Prices Right.

CARNATIONS

Beauties-Roses

Poehlmann Bros. Co. is having a big demand for palms in the $3.50 and $5 sizes in made-up plants of Kentia Forsteriana. H. M. Oeser, who has charge of the palm department, has some fine looking stock, and this branch of the business is growing every day. In the plant department C. G. Anderson is busy getting things in shape for the bedding season, which is a busy period at this establishment. This firm reports a big demand for rose, chrysanthemum and carnation stock and new orders are being filled every day.

The south park commissioners last week accepted the 1915 budget for expenditures, amounting to nearly $3,000,000, including contract for $111,200 for concrete work in Grant park. The officers re-elected were: John Barton Payne, president; Joseph Donnersberger, auditor; Frank O. Wetmore, treasurer; John F. Neil, secretary; Robert Redfield, attorney; J. Frank Foster, general superintendent.

A. L. Vaughan & Co. do not believe in supplying the department stores with stock unless they have a permanent floral department. Mr. Vaughan says that he would rather give his customers the benefit of the market conditions than to encourage outsiders to quote ridiculously low prices, as was the case in this city last week. Jack Byers is now in the employ of this firm.

W. H. Amling and wife celebrated their twenty-fifth wedding anniversary with a party at their home in Maywood, on Friday, April 9, when a large circle of relatives and friends were present. Everyone had a most enjoyable time and Mr. and Mrs. Amling are grateful to their friends for the many beautiful presents that they received.

Hoerber Bros. are cutting a nice supply of magnificent indoor grown gladioli which to the writer's knowledge are the first of the season. Both Mrs. Francis King and America are grown on a large scale at their Des Plaines greenhouses, but so far the receipts consist only of the first named variety.

George Manos, the Union Depot Florist, does quite a large business and is ably assisted at the store by his wife, who looks after affairs while he does the buying on the market. He sold several hundred pot lilies at Easter and could have disposed of many more for they cleared up at any early hour.

Fred. H. Dinger, proprietor of the store at 211 East Garfield boulevard, bought the William Weil store at 421 West Sixty-third street and will conduct both places in the future. He paid in the neighborhood of $500 for the store which was sold in court on Friday, April 16.

ROSES--LILIES

Carnations-Valley-Violets

Our stock is the aggregate output of approximately 75 expert growers, thereby insuring our customers a selection and a variety of the finest product only. We endeavor to give satisfaction as to **Quality-Service-Price,** and respectfully solicit your patronage.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. **Chicago**

A. T. Pyfer & Co. are cutting some very choice Killarney Brilliant roses, which are selling nicely, considering the present market conditions. Mr. Pyfer expects to see a change for the better soon, for the demand was considerably better since the opening of the week.

T. F. Brown, Greenfield, Mich., spent several days here last week during which time he visited a number of the new establishments for the purpose of inspecting the different types of greenhouses. He expects to enlarge his range in the near future.

George Sykes, of the Lord & Burnham Co., and wife have returned from a delightful visit at Atlanta City, N. J. Mr. Sykes is feeling fine since his trip east, where he enjoyed a well-earned rest and is again devoting all of his time to business.

At Percy Jones' establishment the force is getting things in shape for a brisk Mothers' day trade, which is always quite an item at this house, for carnations are a leader here and are always handled in large supply.

Joseph Ziska, Jr., with Joseph Ziska & Sons, is having a delightful time with his Auburn car during his spare moments. He reports receiving a large shipment of gold letters from Germany this week.

The Raedlein Basket Co. is featuring a complete line of window, porch and lawn baskets and is booking a large number of orders for same at their salesrooms at 713 Milwaukee avenue.

The Superior Machine & Boiler Works is handling concrete post molds for making greenhouse benches as a side line and is doing quite a business with the florists in this vicinity.

Bernard J. Schmirer, proprietor of the North Shore Floral Co., says that his Easter business shows a 25 per cent increase over that of last year.

James W. Heacock, of the well known firm of Joseph Heacock Co., Wyncote, Pa. called on the trade here this week.

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

Not the Oldest
Nor the Largest
Just the Best

A. L. VAUGHAN & CO.

161 N. Wabash Ave., (NOT INC.) TELEPHONES: Central 2571, " 2572, Auto. 48-734 Chicago

ORDER HERE

Special Prices on Roses and Carnations IN 1000 LOTS.

We are always willing to give our customers the benefit of the market conditions and are ready to quote unusually low figures on stock in 1000 lots or more and would advise you to write for same immediately.

CURRENT PRICE LIST Subject to Change Without Notice.

BEAUTIES.	Per doz.
30 to 36-inch stems	$3 00 to $4 00
20 to 24-inch stems	2.00 to 2.50
15 to 18-inch stems	1.50 to 2.00
12-inch stems	.75 to 1.00

ROSES.	Per 100
Killarney, fancy	$8 00
" good	$5 00 to 6 00
" short	3 00 to 4 00
White Killarney, fancy	8 00
" " good	5 00 to 6 00
" " short	3 00 to 4 00
Richmond, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00
Ward, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00

ROSES.	Per 100
Sunburst, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00
Killarney Brilliant, fancy	8 00
" good	5 00 to 6 00
" " short	3 00 to 4 00
Roses, our selection	3 00
ORCHIDS.	
Cattleyas, per doz.,	6 00
CARNATIONS.	
Carnations	3 00
" special fancy	2 00 to 2 50
" splits	1 50
EASTER LILIES.	
Fancy	12 50
Good	10 00
Short	8 00

MISCELLANEOUS.	Per 100
Callas	$12 50 to $15 00
Valley	3 00 to 4 00
Sweet Peas	50 to 1 25
Tulips	3 00 to 4 00
Daffodils	3 00 to 4 00
Jonquils	2 00 to 3 00
Violets, single and double	50 to 1 00
GREENS.	
Asp. Plumosus, per string,	$0 50
Asp. Plumosus Sprays, bunch,	$0 35 to 50
Sprengeri, per bunch,	35 to 50
Adiantum, per 100,	1 00
Smilax, choice, per doz.,	1 50 to 2 00
Fancy Ferns, per 1000,	3 00
Galax Leaves, per 1000,	1 00
Boxwood, per lb. 25c; 50-lb. case,	7 50
Pussy Willow, per bunch,	35 to 50

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

SWEET PEAS

The Sweet Peas we are offering are without question the finest obtainable in the Great Central Market and are used largely by the leading Chicago Florists. Our supply is tremendous, which enables us to fill all orders in full at the same prices that you would pay for inferior stock elsewhere. Try a sample shipment if you have not already used some, and you will be surprised how quickly they will sell.

ROSES--CARNATIONS

Big supply of all the best new and standard varieties in both Roses and Carnations. The Bulgaria roses are especially fine and in large supply at present, and we advise you to include a few of these in your next order. In addition to the stock already mentioned, we have some grand Lilies, Violets, Valley, Beauties, Jonquils, Stocks, Snapdragons, Tulips, Daffodils, Mignonette, etc. Always remember that our line is so complete that if any particular item is desired and is to be had, it is usually at our establishment. Get in touch with us right away in regard to your regular supply.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284, 3283 Chicago

Wietor Bros. will continue to grow American Beauty roses on a large scale, as in the past, at least for another season, for N. J. Wietor is not yet ready to discard this old favorite variety. It is rumored that the "Piker's Club," of which Mr. Wietor is president, will hold a grand reunion in the near future to decide whether or not they will go fishing this season.

The Bohannon Floral Co. is still conducting its temporary store at Monroe and State streets, which is one of the best locations in the city.

Zech & Mann are working under difficulties this week while a new sidewalk is being laid on North Wabash avenue, directly over the shipping department, but are getting out all orders on time, as though nothing had happened. Michael Freres, formerly with the Chicago Carnation Co., joined the Zech & Mann store force this week.

The George Wittbold Co. had the decorations for the Whitney wedding on Thursday, April 8, which called for a large supply of stock. They also had several large orders for the opening baseball game at the Federal league park on Saturday, April 10.

USE Budlong's Blue Ribbon Valley.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Prices As Low As Others.

Mothers' day falls on Sunday, May 9, and not on Tuesday, May 11, as some of the calendars give it. Mothers' day was originated by Anna Jarvis in honor of her mother a few years ago and always falls on the second Sunday of May. It was Anna Jarvis that gave Mothers' day to the world, but it was THE AMERICAN FLORIST that gave it to the florist trade of the United States. It was in these columns, issue of May 16, 1908, page 830, that the benefit to be derived from the holiday from a flower-selling standpoint was first pointed out and which should be remembered by the advertisers when they make a bid for the business on this occasion. A florist remarked the other day that if one does not blow his horn no one else will blow it for him. This may be true, but if we had to toot every time we had a toot to toot we would have nothing else to do but to toot toots.

C. L. Washburn, of the firm of Bassett & Washburn, has Roger C. Sullivan, the well-known democrat, for a neighbor since the political boss has taken over the $100,000 Hinsdale mansion of L. R. Freer. The Freer home is one of the most beautiful in the state and is on the county line road and in Cook county, though Hinsdale is in Du Page. Mr. Sullivan is in pretty good company, and while his home is opposite that of Mr. Washburn's, they live in different counties, as stated above. Mr. Washburn says that Hinsdale is now mourning the loss of Bill Skeels, the 94-year-old newsboy, who has delivered the family papers for a score of years.

Martin Goerger, of Goerger Bros., Arlington Heights, received a letter this week from his brother Albert, who is in partnership with him, from San-Benfeld, Alsace Lorraine, Germany, where he is employed in a bakery. It will be remembered by many that he left for Germany to be married shortly before the European war broke out, and not being an American citizen, was drafted for military service. So far he has not been called upon and is taking charge of his brother-in-law's bakery while he is at the front serving as an officer in the German army.

Wm. F. Schofield, the North State street florist, had a large number of floral pieces for the opening game of baseball at the Federal league park, among which was one representing a baseball diamond and another a large whale, by which name Tinker's boys will be known in the future. Henry Dunn had charge of the designing and did a rattling good job of all the pieces.

Peter Reinberg is cutting heavily in Ophelia and Mrs. Chas. Russell roses which are being grown in large quantities at the Reinberg greenhouses. Felix Reichling reports a good demand for rose and carnation stock and states that new orders are arriving each day. Inquiries for carnations for Mothers' day are being received and remind one that the big day will soon be here.

Frederick C. Bargholz, 3918 North Clark street, left his store, which adjoins his residence, on Monday, April 12, to deposit money in Foreman Brothers' bank and has not been heard from since. He is said to have had $120 in cash and several checks. His brother-in-law, J. Sorenson, has asked the police to look for him.

A. Lange opened a branch store in the Stevens building, 17 North State street, on Saturday, April 10, with A. Hall in charge. The new place is well equipped to handle a large trade and there is no question but what the new venture will be a success.

O. A. Tonner is offering a lavender yellow snapdragon that is about as pretty a variety as one would care to see. In addition to a large supply of snapdragons and other cut flowers she is now receiving regular shipments of yellow and blue irises.

Art. Schutz, of Hammond, Ind., took advantage of the market conditions this week and bought a large quantity of carnations which he sold for 15 cents per dozen. He reports a fine Easter trade with a brisk demand for plants.

Myer & Dramm of Elmhurst are well pleased with the rose Killarney Brilliant and have every reason to be, for the stock that they are cutting now is fine. They now have 40,000 feet of glass all told.

C. V. Swan, a gardener of Glen Ellyn, was killed on Monday evening, April 12, at the Bellwood station of the Aurora, Elgin and Chicago railroad when he was struck by a train.

John Michelsen of the E. C. Amling Co. says that last week was the quietest that he has ever experienced at this period of the year since he has been employed in the local market.

N. P. Miller of the new wholesale firm of Miller & Musser, is well pleased with business since they opened and with the large supply of stock that they are receiving.

Kennicott Bros. Co. installed a new telephone switchboard this week and now have three incoming lines, which permits them to handle the calls to better advantage.

A. M. Pekarek, of the California Floral Co., 3042 West Twenty-sixth street, reports a good Easter trade with plants and cut flowers both in brisk demand.

Harry Conn, of the Englewood Flower Shop, 703 West Sixty-third street, sent a beautiful casket spray to the Weil funeral which was held last week.

Zalinger & Hirsch had a brisk demand for neatly arranged cut flower baskets at Easter at their stand in the rotunda of the Insurance Exchange building.

Sol Garland's home in Des Plaines was completely destroyed by fire on the evening of Saturday, April 10, while the family was away visiting friends.

It is rumored that a new retail store will open in the loop district about May 1. Further particulars later.

One of the large dealers in greenhouse glass states that prices have advanced 2½ per cent the past week.

Miss Elsie Winterson is helping out the store force at Winterson's seed store during the spring rush.

Your First Order To Us

will add another **satisfied** customer to our list, and will prove the **advantage** of placing your order for cut flowers

Direct With The Grower.

Send us a trial order for **quality** stock in

CARNATIONS-ROSES-ORANGE BLOSSOMS.

You will be pleased with both our **quality** and **service.**

Fairview Greenhouses

Belvidere, Illinois.

USE Budlong's Blue Ribbon Valley.

D. E. Frères is receiving a good supply of iris in addition to his regular line of roses and carnations.

Fred Lautenschlager, with Kroeschell Bros. Co., is expected home from the east this week.

F. C. Mendonza has opened a new store at Forty-third street, near Vernon avenue.

Visitors: T. F. Brown, Greenfield, Mich.; A. E. Kunderd, Goshen, Ind.; James W. Heacock, with Joseph Heacock Co., rose and palm growers, Wyncote, Pa.; C. E. Schaefer and W. R. Ellers of the La Crosse Floral Co., La Crosse, Wis.; Wm. Fenniger, Toledo, Ohio.

Chicago Florists' Club.

At the monthly meeting of the Chicago Florists' Club, held at the Hotel Bismarck, April 8, there was a large attendance, President Keimel in the chair. Harmony was the slogan of the evening, the occasion being the union of the two trade organizations, the Cook County Florists' Association and the Chicago Florists' Club. The two bodies were well represented, the officers of both being seated together at the head of the table. The proceedings were strictly formal and provision has been made to celebrate the event with a banquet at some date to be announced later. Chairman Fink of the good-of-the-club committee had provided a fine stereopticon and moving picture show, showing Pacific coast scenes, with a view to stimulating interest in the convention trip to San Francisco next August. The pictures were very good and everyone present seemed to enjoy them.

The routine business included the election of Louis Hoeckner, Crystal Lake, Ill.; Fred Ronsley, 106 South Dearborn street, and John Swenson, 737 Buckingham place, to membership, and the following were nominated for membership: P. M. Palez, Little Rock, Ark.; F. S. Webb, 30 East Randolph

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

USE Budlong's Blue Ribbon Valley.

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

H. B. KENNICOTT, PRESIDENT F. KENNICOTT REILLY, VICE PRES.

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone, Central 328

Mention the American Florist when writing.

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

Mention the American Florist when writing.

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 162 N. Wabash Ave CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

street; Philip J. Foley, Jr., Thirty-first street and Spaulding avenue; H. O. S. Nichols, 5718 Kimbark avenue, and C. J. Michelson, 174 North Wabash avenue.

Vice-President Ammann of the American Carnation Society has issued a rousing call for co-operation in making a success of the St. Louis meeting and exhibition of that society next year, which was read by the secretary.

Chairman Waters, of the committee on memorial of the late W. L. Palinsky, sent in his report, which was presented and ordered spread on the records.

Newport, R. I.

SPRING WEATHER ARRIVES.

We are here enjoying balmy, spring weather, with all signs of winter gone. Some Easter trade echoes are heard that the supply of Easter lilies, violets and single pot hyacinths were not equal to the demand. Good violets sold for $1 per hundred. The general report of the local florists is that the Easter business was very good.

The death of Winfield Scott Sisson, April 10, takes from us a man of sterling qualities, and is a loss to this community. His long association as treasurer of the Weaver Seed Co., his activities in the affairs of the Newport Horticultural Society, and as a dahlia grower, is a loss that will be felt. J. J. B.

HARTFORD, CONN.—The blizzard which played havoc along the Atlantic coast line Easter Sunday and the day preceding interfered greatly with business and deliveries in this city, according to John Coombs. Sales under the circumstances were satisfactory, however, in both plants and cut flowers.

Wholesale Flower Markets

Current Price List.

	Per doz.
Roses, Beauty, specials	$4 00
" " 36-in.	3 50
" " 30-in.	3 00
" " 24-in.	2 50
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
" Mrs. Chas. Russell	1 00@ 3 00
	Per 100
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas.... per doz., 4 00 to 6 00	
Daffodils	3 00@ 4 00
Gardenias....per doz., 3 00@ 4 00	
Gladioli	6 00@ 8 00
Jonquils	3 00@ 4 00
Lilium Harrisii	10 00@12 50
Romans	2 00@ 3 00
Snapdragons..per doz., 50@2 00	
Spanish Iris	6 00@ 8 00
Sweet Peas	75@ 1 50
Tulips	3 00@ 4 00
Valley	3 00@ 4 00
Violets	50@ 1 25
Adiantum Croweanum	1 00@ 1 50
Ferns 3 00	
Galax " 1 00@1 25	
Leucothoe	75@ 1 00
Mexican Ivy....per 1000, 5 00@6 00	
Plumosus Strings..each, 60@ 75	
Smilax.....per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 25c per lb.	

EXTRA FINE FANCY FERNS, 1000, $2.00
DAGGER FERNS, of the best quality, 1000, 2.00

We can give you the finest Ferns money can buy and can quote you better prices in case lots.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

OPTIMISM REPLACES DISAPPOINTMENT.

It is astonishing how quickly depression disappears and the "star of hope" ascends; only a week ago the feeling in many places was one of extreme despair—it seemed as if the bottom had dropped out and there would be no use striving any more. Now, just one week later, men are trying to forget, all are busy cleaning up and getting back to the usual routine, prepared to make the best of it. Many of the dealers and growers suffered severely, but this is past, and all are hustling to make the most of the remainder of the season. Mild sunny weather has succeeded the wintry blast, producing quantities of cut roses and other stock. Roses are so plentiful that quantity lots are sold at very low rates. American Beauties are in full crop and some superb stock is seen. The Hadley is also in evidence—what a grand color. Killarney roses are offered at very low rates and much of it is splendid stock. Carnations appear to hang fire, the demand being anything but eager. Sweet peas have the call; the orchid Spencers are superb. They are doing well with a number of growers, and are among the best sellers in the cut flower store. The amount of Easter lilies left over from Saturday, April 17, was the largest ever seen in this market. Every store appeared to have more or less of these plants unsold, in consequence of which the price tumbled rapidly until the quotation of cut lilies was $3 to $4 per hundred, a new low record for this market. Snapdragons are now very plentiful and the beautiful spikes of bloom are much fancied by flower lovers. The great quantity of roses now coming to the market are encouraging cut price sales. All the shorter grades of roses are offered at $10 to $15 per thousand and even lower on large quantities; this stock averages about 12-inch stems. Southern daffodils are in, but do not compare with the local stock in quality. The wholesale commission men are going strong into plants. One firm handled over 6,000 pots of lilies in addition to a large assortment of bulbous and other similar stock in pots and pans. Now that Easter is over, they have orders out for certain lines of bedding stock, which they propose to furnish at the lowest market price. Eventually, the way the business is shaping up, the entire selling end will be in the hands of trained salesmen, who feel at all times the pulse of the market, who can direct what is best to be grown and predict with reasonable certainty about what it will bring. Already contracts for next year's Easter delivery have been made in several lines.

NOTES.

"George Cooper Watson, who now parts his name in the middle," says that I find fault with him in the above statement. Not I. I have too much admiration for his ability to even breathe a protest on criticism of any kind. He can attach his name any old way; most of us do not need it, his personality standing out in the lines alone. As to the "bald" feature, if George, who is an expert seedsman, would only include with a guarantee, "a la Burpee," papers of red, black or brown hair in his offerings (seed), he could soon write his name any old way to checks of four or five figures. May he live long and prosper and continue to send out the tartlets and ginger snaps that are so much enjoyed by his brothers of the craft.

The large property adjoining the Century Flower Shop, 114 South Twelfth street, with an "L" extending to 1201-03 Sansom street, in the rear, has been purchased by H. H. Battles. The assessed value of the properties is $83,000.

Robert Crawford Jr.'s Ford car was badly smashed up last week, putting it out of commission for the time of the Easter rush. His reliable Autocar was, however, on the job doing double duty.

American Beauty roses are the feature with the Leo Niessen Co., and their stock is wonderfully large and fine. Gardenias and sweet peas are also a feature.

The M. Rice Co. are getting their large selling force on the road for Memorial day. A very large business is being done with magnolia leaves for wreaths.

Wholesale Flower Markets

BOSTON, April 14.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, April 14.	
Roses, Beauty, special, doz.	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 8 00
" White Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Killarney Queen	3 00@ 8 00
" Richmond	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Ward	2 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	8 00@10 00
Cattleyas	40 00@60 00
Carnations	1 50@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Violets	30@ 50
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns	per 1000. 2 50
Smilax	15 00

CINCINNATI, April 14.	
Roses, Beauty	per doz. $1 00@$3 00
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	4 00@ 8 00
Asparagus Plumosus	per bch., 25c
Carnations	1 00@ 2 00
Hyacinths	3 00
Orchids, per doz.	3 00
Violets	35@ 50
Sweet Peas	35@ 50
Jonquils	1 00@ 2 00
Rubrum Lilies	2 00@ 6 00
Tulips	2 00

ST. LOUIS, April 14.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	4 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	6 00@10 00
Valley	3 00@ 4 00
Carnations	1 00@ 2 00
Orchids	35 00@50 00
Violets	25@ 40
Asparagus Sprengeri	per bu., 25@50
Asparagus Plumosus	per bu., 25@60
Harrisii	6 00
Jonquils	2 00@ 3 00
Sweet Peas	25@ 75
Callas	6 00@ 8 00
Ferns	per 1000, 2 50
Leucothoe	per 100, 60
Galax	per 1000, 1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

CORSAGE PINS.

With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz. $0 15
Gross (12 doz.) 1 00

CORSAGE FOIL

Can be had in either green or violet color.

Per lb. $0 25
10 lbs. and over at 20
20 lbs. and over at 18

CORSAGE CORDS

(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

——Write for complete list of other items.——

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

Fancy Lily of the Valley and Orchids

Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist. 1312 Pine St., ST. LOUIS, MO.

Edward Reid is handling superb American Beauties. Shawyer and Mock roses are also a feature. K.

Milwaukee Florists' Club.

STATE ORGANIZATION PLANNED.

With nothing special on the program for the regular meeting, April 8, it at first seemed as though only routine work would constitute the meeting, but before the time for adjournment arrived it was a very lively and interesting one after all. The entertainment committee reported as having good grounds in view but quite a discussion followed as to what day would be most suitable. It was finally decided to hold the annual picnic at Keipper's park, Sunday, August 1. In arguing the point about the day, it was thought advisable to hold the picnic on a Sunday in order to give all the employes a chance to attend and help swell the attendance. The press committee did not, after interviewing a good many retailers, do any Easter advertising in the daily papers; everyone expected to reap a harvest without this aid, and from reports, they all did a very fine business.

The most important topic of the evening, which by the way came wholly unexpected, was the idea of having a Wisconsin State Florists' Association. While during the course of the evening it was proven that some of the club members had thought and talked about such an association for a long time past, yet never a word came before the club to that effect. But it did not take long for the seed to germinate, for it was, after due deliberation, voted right then and there that President W. R. Schroeder appoint a committee soon, to prepare and forward to all florists of the state of Wisconsin an invitation to attend a meeting the fore part of May, at our club room, for the purpose of organizing the Wisconsin State Florists' Association. No reason why our state should not have such an organization when from all reports similar associations throughout the country are flourishing, and proving to be of great value and interest to those who take up this work.

EUG. OESTREICHER, Sec'y.

Wholesale Flower Markets

PHILADELPHIA, April 14.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus ..... per bunch.	50

PITTSBURGH, April 14.	Per 100
Roses, Beauty, special	25 00
" " fancy	20 00
" " extra	12 00
" " No. 1	6 00
" Killarney	3 00@ 8 00
" My Maryland	2 00@ 8 00
" Sunburst	2 00@ 8 00
" Mrs. Aaron Ward	4 00@ 6 00
" Sweetheart	2 00
Carnations	2 00
Cattleyas	75 00
Lilium Giganteum	8 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00@ 2 00
Sweet Peas	75
Violets	50
White Lilac ..... per bunch.	75
Asparagus Sprengeri, per bunch.	35@40
" Sprays ..... per bunch.	35@40

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, April 14.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@ 8 00
" Ward, Sunburst	4 00@ 8 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	1 00@ 3 00
Lilies	8 00@10 00
Snapdragon, per bunch, 50c @$1 00	
Sweet Peas	50@ 1 50
Valley	2 00@ 4 00
Tulips, Freesia	2 00@ 4 00
Daffodils, Trumpets	3 00
Romans, Paper Whites	2 00@ 3 00

DECATUR, ILL.—Mrs. Lillian Bain is enjoying a splendid business at the flower Shop, 514 West Water street, where a steady trade is gradually being established. Mrs. Bain is a very capable designer and has a host of friends in this city.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **$6.95** 300 Bulbs, $18.00 1200 " 70.00

C. S. & CO NEW YORK

LILY OF THE VALLEY PIPS

1000 Pips, $15.00 2500 " 35.00 **$7.95** Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

PRICES DO NOT EXIST.

While the writer of these notes is not a pessimist he will state that if the cut flower business of this city was ever in a worse condition than at the present time, it is not within the memory of living men. The market is glutted with stock, and for this week we refuse to quote prices, for the reason that there are no prices to quote. It is merely a wild scramble to unload at any price. A little good stock may be selling at a fair price, but there is four times as much that does not sell at all.

NOTES.

Traendly & Schenck, after being 21 years in the wholesale business in West 28th street, will hereafter be found at 436 Sixth avenue, between 26th and 27th streets. The well established reputation of this firm will bring them success in any location.

C. H. Totty will leave for the Panama-Pacific exposition April 26. He will spend about three weeks in California. He has been appointed a member of the international board of jurors on the horticultural exhibits of the exposition.

Walter F. Sheridan, C. W. Scott and John Miesem went to Patchogue last week, in sympathy for their friend Frank Niquet, who lost his son John of pneumonia, notice of which appears in another column.

Mention of the death of Mrs. John B. Nugent will be found elsewhere in these columns. The death of this talented and amiable woman has cast a pall of gloom over the wholesale district.

J. K. Allen expects to be settled in his new store, 118 West 28th street, by April 17. Mr. Allen is another of the "old reliables", and there is no doubt that his customers will follow him.

W. Earle Riedel, son of Harry Riedel, of Badgley, Riedel & Meyer, celebrated his sixteenth birthday on April 7, and a merry party of young friends made it a joyous occasion.

James Purdy, who for 28 years was in the wholesale business in this city, but who retired 10 years ago, is yet a robust man and is frequently seen in the busy marts of trade.

Frederick H. Dressel, son of Frederick Dressel, the well known grower of Weehawken, has bought the retail store of E. Bonnot, 188 Newark avenue, Jersey City, N. J.

R. Spauling, of J. H. Small & Sons' staff, has the sympathy of his associates on account of the death of his wife. He took her body to Atlanta, Ga., for burial.

A. F. E. Hugo, an expert designer, formerly with G. E. M. Stumpp and later with John S. Nicholas, is in St. Joseph's hospital seriously ill.

Scores of the New York Florists' Bowling Club, Thursday, April 8, were as follows:

W. P. Ford	152	164	151
H. C. Riedel	191	211	168
P. Jacobson	152	169	156
R. J. Irwin	154	188	152
A. J. Guttman	218	158	182

A. F. F.

CORNWALL, PA.—Shenk Bros. are building a greenhouse from plans by Sinkler & Tilden, architects, Philadelphia, Pa.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

New York Florists' Club.

The monthly meeting of the club was held in the Grand Opera House building on the night of April 12, Pres. Bunyard in the chair. The feature of the meeting was the lecture of Robert Pyle, of West Grove, Pa., his subject being, "Among the Roses at Home and Abroad." Mr. Pyle is well known as a very clever and able man, and on this occasion he sustained his reputation. His lecture was beautifully illustrated with stereopticon views of roses and rose gardens, the world over. In these hurried notes we cannot do justice to Mr. Pyle, but will add that he was given a standing vote of thanks.

IN MEMORIAM—MRS. JOHN B. NUGENT.

On Saturday night, April 10, after a week of intense suffering from pneumonia, Mrs. Nugent passed away. The sympathy of every one in the florist trade, wherever Mr. Nugent and his beautiful wife were known, is extended to him in this great bereavement.

Mrs. Nugent was universally beloved. Her friends were innumerable. Especially was she esteemed by the members of the New York Florists' Club, of which her husband was president in 1911. She was a lady of rare attainments, her musical ability giving her a national reputation. There was no limit to the generous use of her talents in behalf of others. The sunlight of her smile was a perpetual delight in her home, and wherever she was known. For years, her wonderful voice was heard at the club's banquets, and its memory will ever remain an inspiration to those who heard it. As a public singer her career was at its zenith. She had just completed a contract to sing in opera at Washington, D. C., when stricken and hope of her recovery was felt up to the end. Mrs. Nugent was 33 years of age.

Funeral services were held at 10:30, Tuesday morning, April 13, at Broadway Tabernacle, 56th street and Broadway. The floral offerings from Mr. Nugent's many friends were innumerable. Nearly every florist of note in the city manifested by his presence at the funeral, the high esteem felt for the departed. Interment was at Woodlawn. —The Tribute of a Friend.

Committees were appointed to prepare suitable resolutions relating to the the deaths of Mrs. John B. Nugent, and Simon Rodh, a member of the club. Various committees reported progress. W. A. Manda, South Orange, N. J., and Stephen G. Milory, head gardener for Geo. Schlegel, of Brooklyn, exhibited orchids, for which they received certificates. The house committee furnished some "eats" that were very fair.

A. F. F.

SANTA CRUZ, CALIF.—"Too busy to fill all Easter orders," writes W. E. King.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Pittsburgh.

PRICES IN LOWEST RESTING PLACE.

Pittsburgh has experienced a pleasant change to mild spring weather the past week; quite the opposite of the kind we had for the week previous to Easter, when a very cool wave swept over this vicinity. The warm sunshine has brought out the crops from all corners of our territory, and prices have tumbled down to their lowest resting place, and no doubt will remain so for some time. The warm weather has also shown its effect on flowers, especially carnations, and shipped stock does not amount to much when it reaches Pittsburgh these days. The local growers are all on full crop, but when one considers how good the Easter business was, he need not feel so blue because of the stock not moving so freely as it has been the past few weeks. Encouraging reports from all around the city were received relative to an excellent Easter, which is quite the opposite of the same day last year, and of our last Christmas. There were plenty of roses, lilies, carnations and lilacs, and the large business done is attributed to the heavy crops which kept prices down, there being very little, if any, advance in prices for Easter. Violets and sweet peas were short of supply. Glad tidings of a revival of prosperity in all

J. K. ALLEN Established 1878 106 West 28th Street New York
Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer
Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

branches are going the rounds, and we are all confident of much improved business conditions from now on.

NOTES.

The opening of the new department store of Rosenbaum Co. called for an exceptionally large amount of flowers Wednesday, April 14, the bulk of the arrangement being executed by Ray J. Daschbach. To visit this store on opening day would lead one to believe that it were a new flower store, there being so many large vases and set pieces. Harris Bros. also contributed a large share of the decorations.

J. W. Glenn, of Kittanning, Pa., was in the city last week and reports an entire clean-up for Easter, both in cut flowers and plants.

The window of Mrs. E. A. Williams presented a gorgeous spectacle in the array of fancy blooming plants and baskets for Easter.

E. J. Farreley has taken over the retail business of Welch & Hall, in Sharon, Pa., and will operate it under his own name.

Wm. McCauley was on the job at G. P. Weaklen Co.'s store for the Easter rush, and says he found plenty to do.

The McCallum Co. have been handling an excellent line of fancy Spencer sweet peas.

Visitors: M. Alexander, of Lion & Co., New York; Frank Farney, of M. Rice Co., Philadelphia, Pa.; J. W. Glenn, Kittanning, Pa.; G. L. Huscroft, Steubenville, Ohio. G. C. M.

Cincinnati.

PRICES HIT BED ROCK.

The local market began to crowd up about the middle of last week and by the end of the week was in a tremendous slump. Everything was, and is, plentiful, and buyers' prices rule in the market and these of course are far from high or even ordinary. Shipping business, however, continues pretty fair. Roses and carnations have accumulated to such a point that, at the time of this writing, it seems impossible to move all of them at even rock bottom prices. The cut of both are very heavy and of very good quality, but unless the unforseen should happen many are bound to reach the ash-barrel. Monday's demand was active and took up a great many offerings, but hardly a substantial part of the receipts. Lilies, too, including Easter lilies, callas and rubrums, are very plentiful and, following the general trend of the market, have slumped decidedly in price. Bulbous stock is coming in in large quantities. Sweet peas are in a very heavy supply. Not even the best of the home grown realize a fair price.

CLUB MEETING.

The regular meeting of the Cincinnati Florists' Society was held Monday evening at Hotel Gibson. R. Witterstaetter exhibited some blooms of his new sport of Tausenschoen. The color is a good dark pink, cerise. The consensus of opinion of the members present was that the rose should and would prove a good and welcome addition to the list of climbers.

NOTES.

E. G. Gillett's wire department has been kept very busy turning out hanging baskets, principally for the south and middle west trade.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi
Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

John J. Reynolds, Mgr. Phone Madison Sq. 4490
HUGH H. NELSON
Wholesale and Commission Florist
103 West 28th Street, NEW YORK

C. E. Critchell reports a good market for green sheet moss and hanging baskets.

P. J. Olinger has been getting in some fine long Lilium Formosum. H.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
57 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK

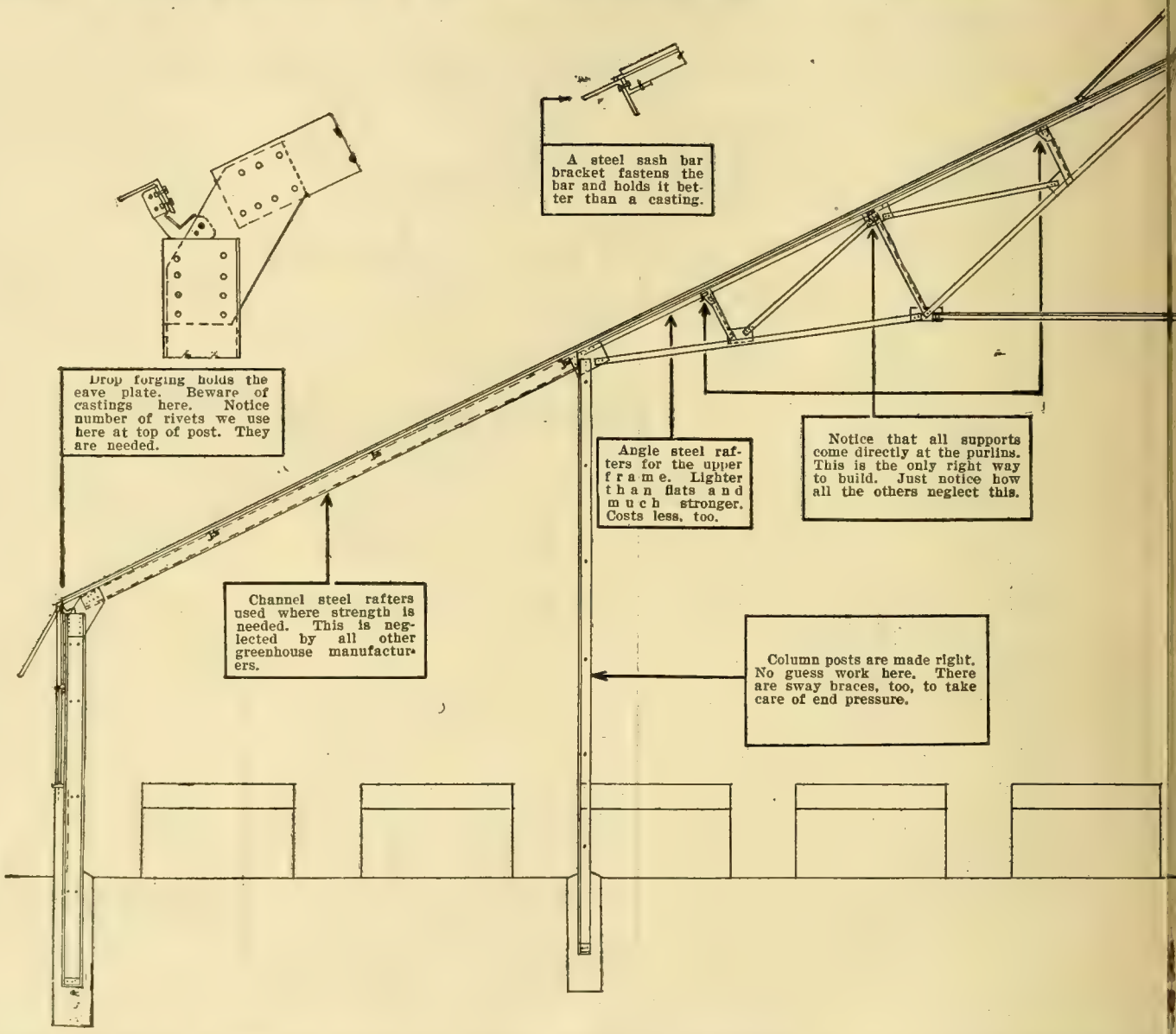
George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.

WHOLESALE FLORISTS
A. L. Young & Co.
54 West 28th St. New York
Consignments Solicited

Phone Madison Sq. 4490 Consignments Solicited
Alfred A. Fischer
WHOLESALE FLORIST
103 West 28th Street, NEW YORK

The Famous Moninger ALL STEEL SAFE AND SURE



Our All-Steel Frame is made for three SAFETY Spacings—8 ft. 4 in. (6 lights 16-

You will find so many points of superiority in our All-steel Frame houses that you will be surprised. If you are going to build a new house you can't do better than ask us to show you how to get a **better** house for the same money, or **less** than you have been paying.

There is no comparison between our new All-steel Frame and the common, every-day styles heretofore in use. It's better all the way through in every little detail. If you'll take the time to go over the matter from end to end, you'll save money and be convinced that the only safe and perfect house is the Moninger.

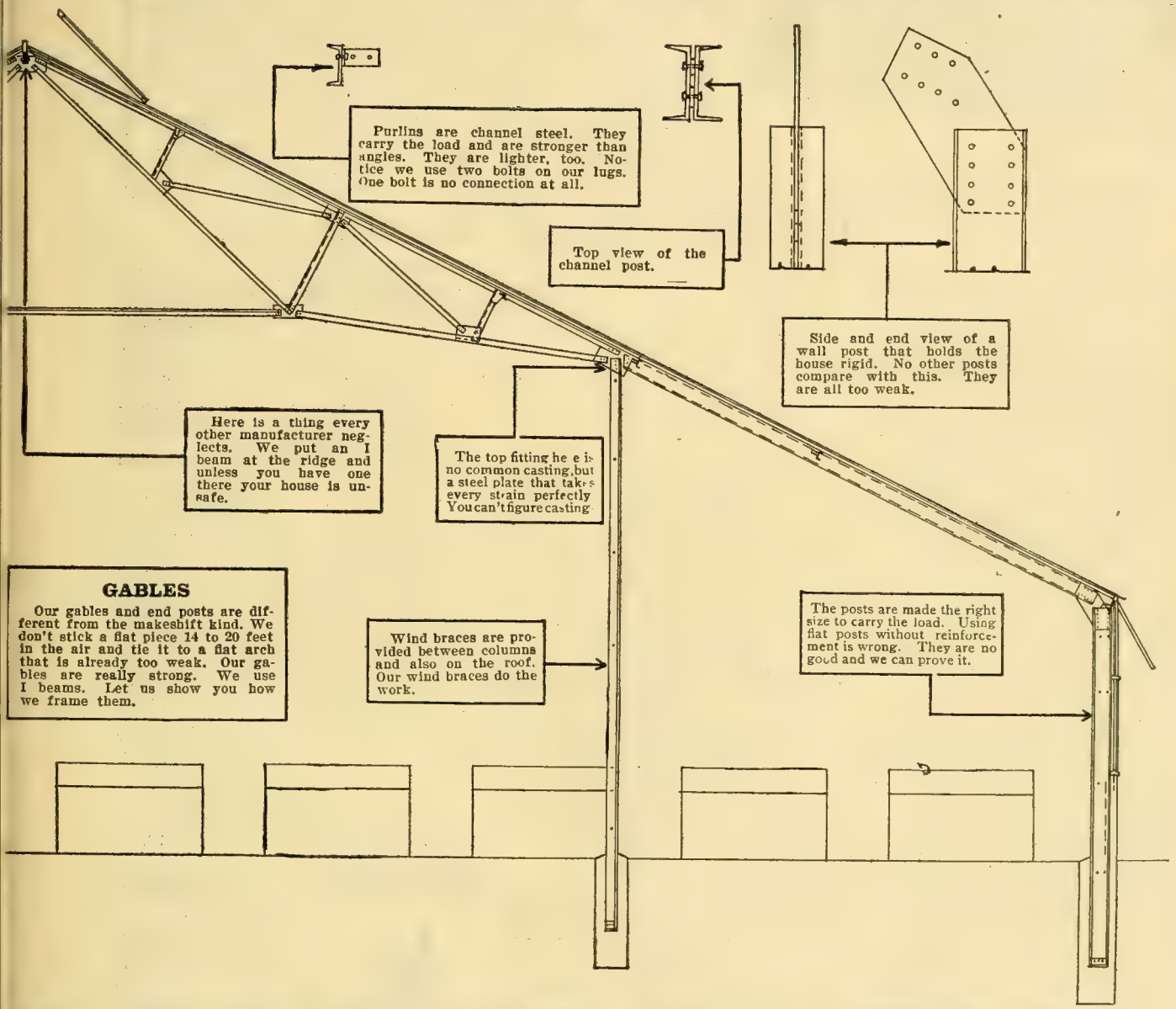
This new construction is different from the flat rafter, and it's different from the truss house. It's going to revolutionize greenhouse building. It's as far ahead of the old, unsafe, iron frame types as the iron frame was in advance of the old wooden types.

JOHN C. MONINGER CO.

EVERYTHING FOR THE GREENHOUSE

There are more Moninger Commercial Greenhouses than there are of al

Frame is the Only Safe House



glass), 12 ft. 6 in. (9 lights 16-in. glass), 16 ft. 8 in. (12 lights 16-in. glass)

Notice there is not one casting used, and none are necessary. Every fitting used is steel, and they are neat and light. The eave plate is fastened to the posts with a forging—the strongest and toughest steel made. The columns are fastened to the roof with steel plates, with enough bolts to hold it there. Every bolt and every rivet has been figured to do its part, and they will do it. All guesswork has been cut out. There is no intentional corner-cutting. either.

This new type is designed by people who know what they are doing, and any first-class civil engineer anywhere will O. K. it. This can't be said of other styles. No reputable engineer will O. K. any of the other flat rafter commercial houses on the market, for they are not correctly designed nor built for strength. They are unsafe and we can prove it.

Before you put another dollar in a greenhouse, let us talk it over. We'll call on you any time or any place and show you the goods. Our salesmen know the greenhouse from A to Z. Try us out this time. You'll be surprised at how much we give you for your money. **With Moninger you never get stung.**

BRANCHES:

CHICAGO
902 Blackhawk Street

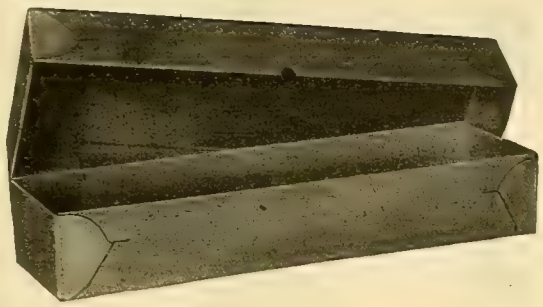
NEW YORK
Marbridge Building

CINCINNATI
Union Central Life Building

FACTORY:

CHICAGO
An Entire Square Block

ther makes combined. West of Ohio our houses outnumber others 2 to 1.



YOU get both quality and style in SEFTON FLOWER BOXES, at no greater cost. There's no better advertisement than a smart, distinctive package; we insure this for you with the right materials, finished in handsome, non-fading shades. Ask your paper jobber.

You ought to have our Catalog (illustrated in colors) also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street, CHICAGO, ILL.

St. Louis.

PRICES SLAUGHTERED TO MOVE STOCK.

The week after Easter the market opened up with a decided glut in all varieties of flowers. The wholesalers now have big sales with little money coming in, and the retailer is "chesty" from the fact that he can sport lots of flowers with little cost. Carnations have been sold as low as $4 per 1,000. Roses also are plentiful. Sweet peas are selling at $1 per 1,000 and fancy Butterfly at $2 per 1,000. Long stem American Beauty roses are being sold cheap, the demand being very slow. Violets are about over. Jonquils are arriving soft and are unsalable, also Narcissus poeticus. Ferns, plumosus and all greens are selling fairly well. We will soon have out-door lilacs.

NOTES.

Nelson Cunleff will succeed Dwight F. Davis as park commissioner May 1. Mr. Cunleff is a native of this city, 33 years old. He was interested in park engineering at Forest park after the world's fair and served four years under G. E. Kessler. He then entered the service of the park department.

We regret to announce the serious illness of Miss Norma Bruenig, daughter of Otto Bruenig, age five years. An operation for appendicitis was performed April 12, which it is hoped will be successful. Otto is manager at H. G. Berning's.

Grimm & Gorly had a sweet pea sale, three bunches for 10 cents. The poor grower is praying for a general let up in sweet peas. His back is broken picking and bunching.

The florists' club met April 8, only a few members being present. No important business was discussed, all matters being put off until the next meeting.

Otto G. Koenig was elected by a big majority as republican alderman for the twenty-seventh ward. He was previously in the city hall as city councilman.

Ostertag Bros. have a fine display of Boston ferns and other decorative plants at their store on Washington avenue.

Alex. Siegel had a special sale of sweet peas at five cents per bunch, also carnations at 15 cents per dozen.

The Grand Leader, Grimm & Gorly and Alex. Siegel had special sales of sweet peas and carnations recently.

The warm weather will open everything for the plantsmen, the planting-out season having started.

The sunken garden in back of the municipal building is now full of tulip beds in all varieties.

The Wm. C. Smith Wholesale Floral Co. displayed over 50,000 sweet peas one day last week.

The playgrounds and other open air spaces are now opening up under the park management.

All the down-town stores had special sales in sweet peas and carnations.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.

16-18-20-22 South Peoria St., CHICAGO

BUCHBINDER FLORISTS' REFRIGERATORS

Write to Dept. C3 for Catalog.

BUCHBINDER BROS.

MANUFACTURERS

518 Milwaukee Ave., - Chicago, Ill.

Julius Koenig, the city forester, will be very busy from now on with his spring duties.

H. G. Berning will have his new automobile delivery truck ready this week.

The St. Louis Seed Co. is busy with spring trade. W. F.

Oklahoma City.

SOCIAL EVENTS SWELL SALES.

Business continues regular and quite satisfactory here; since Easter there seems to have been a sufficiency of social events, weddings, etc., to give all the florists something good to do almost every day. The bedding plant trade is also getting quite brisk, there being a steady call every day for the early spring stock, such as pansies and verbenas, particularly. Saturday bargain day sales are getting to be a feature. Saturday, April 10, Furrow & Company specialized on carnations at a flat rate of 50 cents per dozen. The Stiles Co.'s special offer was Lady Hillingdon roses. These special Saturday sales are a very commendable feature—they make flower purchasers out of bargain hunters not usually flower buyers, and they are profitable.

We have been having lots of rain—floods of it. This region in some seasons can truthfully be classed as a semi-arid region, which comes about from a deficiency of rain and dry, warm winds. So far this season we have a several inch surplus above the usual average and bountiful crops seem already assured. S. S. B.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.

High Grade Floral Publicity.

224 So. Michigan Ave., Chicago, Ill.

Decorative Evergreens

Long Green Leucothoe, $2.00 per 1000.
Medium Green Leucothoe, $1.50 per 1000,
Short Green Leucothoe, 75c per 1000.
Ferns (Fancy and Dagger) 70c per 1000, or $3.25 per case of 5000.
Galax (Bronze and Green) 45c per 1000, or $3.75 per case of 10,000.

Fresh Fancy Stock. Your Business is Solicited

HAMPTON & PERKINS,

ROAN MOUNTAIN, TENNESSEE.

New Crop Wild Smilax

Now ready for shipment,
$2.50 per case.
Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

Southern Wild Smilax

New Crop now ready for shipment $2.50 per case
Natural and Perpetuated Moss.

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing.

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing.

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing.

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. **CLEVELAND**

Mention the American Florist when writing.

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n.

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. T. J. JOHNSTON & CO. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. Cor. 15th & H. Sts. WASHINGTON, D. C.,

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

.:.:.FLOWERS.:.:.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Addres4, DARDSFLOR.**

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery

—OR—

"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. **Both Long Distance Phones.**

Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

913 Grand Avenue

All Orders Given Prompt and Careful Attention

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing.

Kansas City, Mo.

Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

Mention the American Florist when writing.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing.

Washington, D. C.

Blackistone.

14th and H. Street.

JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

Mention the American Florist when writing.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegtaph Delivery.

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing.

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing.

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist
1223 W. Madison St. CHICAGO

All orders carefully filled under the supervision of
GEORGE ASMUS, Mgr
Wire, Write or Phone West 822
Member Florists' Telegraph Delivery.

Rochester, N. Y.
J. B. KELLER SONS,
FLORISTS
25 Clinton Avenue, N.
Rochester Phone 506 Long Dist. Bell Phone 2189
Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.
Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

Little Rock, Ark.
PAUL M. PALEZ,
FLORIST,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
Mention the American Florist when writing.

Toledo, O.
Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivey.
Mention the American Florist when writing.

DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.
DULUTH, MINN.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF **HEINL'S**

New York.
MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.
Member of The Florists' Telegraph Delivery.

Memphis, Tenn.
The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.
ROCK'S FLOWERS
Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice.
Trade discounts. First-class stock.
Mention the American Florist when writing.

GEORGE RYE
"Some Florist"
16 N. 6th St., **Ft. Smith, Ark**
Mention the American Florist when writing.

Houston, Texas.
Robt C. Kerr Floral Co.
Main and McKinney Phone, Preston 160

PHILADELPHIA and VICINITY.
The London Flower Shop, Ltd.
1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist
1519 Farnam St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON, TORONTO
CANADA'S LEADING FLORISTS
F. T. D. Members 266 Yonge St.

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

Funeral Emblems Cut Flowers
Brown Bros. & Co.,
Ltd.
FLORISTS, NURSERYMEN AND SEEDSMEN
Bulbs
Seeds
48 Hastings St., E.,
Vancouver, B. C.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc
229 WEST THIRD STREET

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

---

Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Delivery.

DREER'S DOUBLE PYRETHRUMS

Clean, vigorous healthy plants, from 4 and 5-inch pots, which if planted early, will give an abundant paying crop of choice cut flowers this season.

Aphrodite. Pure white.
Figaro. Red.
Leonard Kelway. Soft pink.
Lord Roseberry. Carmine-scarlet.
Meteor. Crimson-scarlet.
Mont Blanc. Pure white.
Ne-plus-ultra. Pale flesh.
Oscar. Crimson.
Walküre. Bright pink.
W. J. Tweedy. Carmine-red.

Any of the above varieties, $2.50 per doz.; $20.00 per 100.
Single varieties in fine mixture, $1.25 per doz.; $8.00 per 100.

For full line of
Seasonable Plants, Bulbs, Seeds, Etc.,
see our Current Wholesale Price List.

HENRY A. DREER
714-716 Chestnut Street, Philadelphia, Pa.
The above prices are for the trade only.

DOUBLE PYRETHRUM.

500,000 'Mum Cuttings

Some ready now. Chadwick Improved, $3.00 per 100; $25.00 per 1000. W. H. and Golden Chadwick, Chrysolora, Major Bonnaffon, Yellow Eaton, Chas Razer, Lynwood Hall and Dr. Enguehard, $2.00 per 100; $15.00 per 1000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12.00 per 1000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. 250 at 1000 rate.
Orders booked now for future delivery.
Ask for prices on large amounts.

Morris Floral Co., Morris, Ill.

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000, Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1000. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

BOXWOODS--Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Spring List Roses
Ferns, Plants, Vines, Bulbs, Etc.
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

CARNATIONS
F. DORNER & SONS CO.,
LaFayette, - - Indiana

BIG QUANTITY
Carnation Cuttings
Ready for Immediate Shipment.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everywhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000		Per 100	Per 1000
Pink Enchantress	$2.00	$17.50	**Herald** (extra fine red)	$3.00	$27.50
Rose Pink Enchantress.	2.00	17.50	**Josie Merle** (fine pink seedling)	3.00	25.00
Mrs. Ward (dark pink).	2.00	17.50	**Philadelphia**	3.00	25.00
White Perfection	2.00	17.50	**Washington**	3.00	25.00
White Enchantress	2.00	17.50			

2½ inch Pots
Josie Merle.....$3.50 per 100; $30.00 per 1000
Philadelphia..... 4.00 per 100; 35.00 per 1000

ROSES
CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
White Killarney	$4.00	$35.00	**Maryland**	$4.00	$35.00
Pink Killarney	4.00	35.00	**Milady**	4.00	35.00
Richmond	3.00	25.00	**Shawyer**	4.00	35.00

CHOICE 3-IN. PLANTS
Mrs. Aaron Ward.....$4.00 per 100; $35.00 per 1000

BENCH PLANTS

	Per 100	Per 1000		Per 100	Per 1000
Killarney	$6.00	$50.00	**Ward**	$6 00	$50.00
Richmond	6.00	50.00	**Shawyer**	6.00	50.00

Specify Plants When Ordering.

Peter Reinberg
30 E. Randolph Street, Chicago, Ill.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

GLADIOLUS bulbs are selling well.

AMERICAN WONDER and Nott's Excelsior peas are in good demand.

CONTRACT bean growers in Michigan have had to advance prices to farmers.

INTEREST is being awakened among the trade in the Pacific coast convention trip of the seedsmen.

S. M. ISBELL & CO., Jackson, have issued their seasonable contract offers of Michigan garden seed stocks for the trade.

THE Stecher Lithographing Co., of Rochester, N. Y., is offering a new and very handsome set of vegetable seed bags.

AMOY, CHINA.—The cultivation of the Chinese narcissus bulbs in this district is gradually declining, owing to the changes in national customs.

GRAND RAPIDS, MICH.—Trade is better than last year and improving, according to A. J. Brown, who has been laid up some days with a weak ankle.

"CONGRESSMEN," according to the linotype man of the Chicago Tribune, "are sending out seeds, five varieties. Seeds are their substitutes for ideas."

WINONA, MINN.—According to A. B. Blair, president of the Winona Seed Company, the demand for garden seeds this year is larger to a marked degree than in former years.

TUBEROSES are likely to be scarce again next year, a number of former growers having failed to reserve their planting stock, so it is said. The cotton crop outlook has improved.

CHAS. P. GUELF, of the Jerome B. Rice Seed Co., Cambridge, N. Y., who recently returned to Chicago from a northwestern trip, says all the seedsmen of that territory report business good.

HAAGE & SCHMIDT, of Erfurt, Germany, writing under date of March 20, say that on account of the wet weather the sowing of flower and vegetable seeds and the planting of perennials and summer flowering bulbs has been much delayed.

LOUISVILLE, KY.—Wood, Stubbs & Co. say that business for their whole fiscal year has shown about 10 per cent increase. The month of March was very disappointing, cold and very dry, with hardly more than two or three mornings when the ground was not frozen.

CHICAGO.—Prices for grass seed on the Board of Trade April 14 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.—Both counter and mail trade have been good the past 10 days with the coming of milder weather and good warm rains, both needed to move the gardening public.

THE new prison-penalty seed law, under consideration of the Illinois legislature, some sections of which are reproduced on page 695 of this issue, should be carefully considered by seedsmen and amended or replaced by practical regulations through their representatives. House Bill No. 593 is the particular bill to designate in writing representatives at Springfield today.

DENVER, COLO.—The Great Western Sugar Company, with headquarters in this city and factories in Loveland, Fort Collins, Brush, Fort Morgan, Sterling, Billings and Scott's Bluffs, proposes to carry on extensive experiments in the propagation of beet seed this year which, if successful, will result in a new industry for Colorado, and eventually eliminate the necessity of depending on Germany for seed.

Government Grass Seed Analyses.

ED. AMERICAN FLORIST:—

THE AMERICAN FLORIST, is, I understand, considered the standard journal of the American Seed Trade Association. I take the liberty of addressing you concerning a matter which has recently come to my attention.

On February 27, 1915, in its weekly news letter, the United States Department of Agriculture made the statement that 19 samples of orchard grass and 42 samples of Kentucky blue grass, secured in the open market, were found to be either adulterated or misbranded.

As a matter of information, I should like to know which of the samples in question are adulterated, and which are misbranded, and I think a good many seedsmen would also like to have this information. I know that some of those samples are not adulterated, but they may have been misbranded, and I would, therefore, very much like to know just what the term "misbranded" means in this instance. No doubt the government can give us this information, or possibly some of the seedsmen may be able to do so.

HENRY NUNGESSER.

Potato Transportation Trebles Price.

The New York Sun, in a recent issue, publishes the following:

Farmers in western New York are endeavoring to obtain 25 cents a bushel for their potatoes, while potatoes are advertised March 21 at the bargain price of 89 cents a bushel in New York city. This is considerably more than two-thirds the price of the potatoes, or 64 cents a bushel for transportation and profit from the consumer, as against the producer's 25 cents.

If this notice reaches any enterprising potato growers it will pay them to advertise their product at 50 or 60 cents a bushel, delivered in New York city. The bags and freight will not amount to more than 25 cents a bushel, probably considerably less, and a matter of a few dollars spent in advertising will bring producer and consumer together, possibly making permanent customers.

Seventy-five Million Packages Free Seeds

Washington, April 8.—Hundreds of thousands of packages of seed, provided and distributed at Uncle Sam's expense, are being poured into the mails from the capitol. Each senator and representative is shipping 20,000 packets of the seed, mostly vegetable, to constituents in his state. Each packet contains five different varieties, making a total of close to 75,000,000 packages of free seeds furnished by congress to the agricultural constituencies annually.

War Risks.

A firm of English bulb growers print the following in their new catalogue, which is in marked contrast to the position taken by the Hamburg lily of the valley growers and in part by growers of French bulbs:

Overseas Orders during the War.

In case of loss in transit, we undertake to replace all bulbs free of charge, or if desired to refund your remittance in full.

Watermelon Warranty.

D. H. Gilbert, the watermelon seed specialist, has the following in his current catalogue:

"I exercise great care in selection, and keeping pure and reliable stocks, and my warranty is that my seeds are as good as can be produced, and upon receipt of the seeds, if not entirely satisfactory, you may return them and I will refund your money."

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's Seeds

WE often have an overstock of popular seeds and bulbs which we are able to supply below the market.

Ask us about it and watch for our column announcements.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

KENTIA SEED

FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

New Illinois Seed Law—House Bill No. 593

We reproduce herewith some interesting sections of a pernicious new seed law, introduced in the Illinois legislature by Mr. Thompson, April 1, "to prevent and punish the sale or offering for sale of adulterated, impure or misbranded agricultural and vegetable seed and those lacking viability."

Sec. 1. Be it enacted by the people of the State of Illinois, represented in the General Assembly: That the term "agricultural seed," as used in this Act, shall include the seeds of red clover, white clover, alsike clover, alfalfa, Kentucky blue grass, timothy, brome grass, orchard grass, redtop, meadow fescue, oat grass, rye grass and other grasses and forage plants, flax, rape and cereals and any seed sold for planting. "Vegetable seed" shall include any seed sold to be used in growing vegetables of any kind.

Sec. 2. Every parcel, package or lot of agricultural seeds, as defined in section one, containing one pound or more, offered or exposed for sale in this State for use within the State shall have affixed thereto in a conspicuous place on the outside thereof, distinctly printed in the English language, in legible type a statement certifying:

First: The name of the seed.

Second: Full name and address of seedsman, importer, dealer or agent.

Third: A statement of the purity of the seed contained, specifying the kind and percentage of the impurities, as defined in sections six and seven of this Act, if the said seeds are below the prescribed standards.

Fourth: Locality where said seed was grown, when known.

Sec. 5. No person shall sell, offer or expose for sale or distribution in this State, for the purpose of seeding, any of the agricultural seeds, as defined in section one of this Act, unless said seeds are free from seed or bulbs of wild onions, wild garlic, field garlic, crow garlic, wild leek, or genus allium species vineale and canadense, or the following weeds; wild mustard or charlock (Brassica arvensis, L. ktz.), quack grass (Agropyron repens, L. Beauv.), Canada thistle (Cirsium arvense, L. Scop.), wild oats (Avena fatua, L.), clover and alfalfa fodder (Cuscuta Epithymum, Murr), and corn cockle (Agrostemma Githago, L.), cheat or chess (Bromus secalinus, L.), dog fennel (Eupatorium capillifolium), wild carrot (Daucus Carota).

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50; 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

TOBACCO STEMS. Bales (200 lbs. more or less), per 100 lbs., $1 35. Write for prices in larger quantity. Prices subject to market changes.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing.

VALLEY

Chicago Market Brand, best Valley in existence, giving the best results all year 'round,
$15.00 for 1000; $8.00 for 500; $4.50 for 250; $2.00 for 100.

Florist Money Maker Brand, best Valley at moderate prices,
$13.00 for 1000; $7.00 for 500; $4.00 for 250.

H. N. BRUNS, 3032 Madison St., Chicago

Mention the American Florist when writing.

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and German.

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Mention the American Florist when writing.

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

ONION SETS **GROWERS FOR THE TRADE** Write for Prices

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
Mention the American Florist when writing.

TOMATO SEED
Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.
Mention the American Florist when writing.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**
Mention the American Florist when writing.

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

7-Year-Old Asparagus Roots

Edible Asparagus in One Month.

Eat your Asparagus this May and June. Plant my **Seven-Year Asparagus Roots.** If you plant two-year roots, you will wait three years for your crop.

Also **Witloof Chicory** or **French Endive Roots,** which will produce this crop out-doors in six weeks.

Rhubarb, Horse Radish, Sea Kale, French Globe Artichoke Roots, Everbearing Strawberry Plants, Privet.

Warren Shinn, Woodbury, N. J.

Am supplying the largest estates in the country.

Sec. 6. The seeds of the following weeds shall be considered as impurities in agricultural seeds sold, offered or exposed for sale within this State for the purpose of seeding; cheat or chess (Bromus secalinus, L.), white cockle (Lychnis alba, Mill.), night-flowering catchfly (Silene Noctiflora, L.), curled dock (Rumex crispus, L.), smooth dock (Rumex altissimus, Wood), sheep sorrel (Rumex Acetosella, L.), yellow trefoil (Medicago lupulina, L.), sweet clover (Melilotus alba, Desr., and M. officinalis, L.), black mustard (Brassica nigra, L. Koch), plantain, buckhorn (Plantago lanceolata, L.), bracted plantain (Plantago aristata, Michx.), blind weed (Convulvulus sepium, L.), smooth crab grass (Digitaria humifusa, Pers.), common chickweed (Stellaria media, L. Cyrill). When such impurities or any of them are present in quantity exceeding in their combined weight a total of two per cent of the weight of said agricultural seed, the approximate percentage of each shall be plainly indicated in the statement required by section two of this act.

Sec. 7. Sand, dirt, chaff and foreign substances and seeds other than those specified in section eight and section nine, or broken seed and seed not capable of germinating, shall be considered impurities when present in agricultural seeds. When such impurities or any of them are present in quantity exceeding the standards of purity and viability authorized in section eleven of this Act, the name and approximate percentage of each shall be plainly indicated in the statement specified in section two.

Sec. 11. Standards of purity. The following standards of purity, meaning freedom from weed seeds and other foreign seeds, and viability, are hereby fixed:

Name of Seed.	Per cent of Purity	Per cent of Viable Seed.
Alfalfa	96	80
Barley	98	90
Blue grass, Canada	90	45
Blue grass, Kentucky	80	45
Brome, awnless	90	75
Clover, alsike	96	75
Buckwheat	96	90
Clover, crimson	98	85
Clover, red	92	80
Clover, white	90	75
Corn, field	99	94
Corn, sweet	99	75
Fescue, meadow	95	85
Flax	96	89
Millet, pearl	99	65
Millet, common	90	85
Millet, hog	90	85
Oats	98	90
Oat grass, tall	72	70
Orchard grass	70	70
Rape	99	90
Redtop	90	70
Rye	98	90
Rye grass, perennial	96	90
Rye grass, Italian	95	80
Sorghum	96	80
Sorghum for fodder	90	60
Timothy	96	85
Wheat	98	90

Sec. 12. The execution and enforcement of this Act is hereby committed to the State Board of Agriculture, who are authorized to appoint inspectors and make regulations for that purpose, which regulations shall have the force of law as provided for the execution of the laws relating to quarantine inspection, pure food, crop pests, stock feeds and other matters committed to the direction of the board. Any violation of any such regulation shall be a misdemeanor, punishable upon conviction by fine or imprisonment, in the discretion of the court.

Sec. 14. All seedsmen and others who sell farm or garden seeds to be used in producing crops for sale or for family use, shall be bound as guarantors that such seeds are true to kind and name, as represented at the time of sale, whether said seeds were raised by the seller or by another; and if such seeds are sold by an agent, the principal shall be bound by the representations of said agent in regard to the kind and name of the seed so sold. If any paper or package containing seed sold in this State for planting or seeding has printed or written thereon the name, kind or quality of the seeds therein, the seller shall be bound in the courts of this State by the same written or printed statement, unless it be affirmatively proven that there was some other agreement between the parties in respect thereto.

MRS. FRANCIS KING.

GLADIOLUS
Mrs. Francis King

Best, biggest, most effective decorative Gladiolus for Home Gardens and Window Work.

A big seller wherever offered in April and May.

Bulbs of our own growing—

	Per 1000
Jumbo size, 2-in. and up	$12.00
First size, above 1½-in.	9.00
Regular blooming size, nearly 1½-in.	7.00

Every retailer will make money by planting a few thousand.

A General stock of all other Gladiolus.

Cold Storage Lilies.

	No. in case	Per 100	Per 1000
Giganteum, 7-9 inch	100	$6.00	
Giganteum, 7-9 inch	300		53.00
Giganteum, 8-10 inch	225		75.00
Giganteum, 9-10 inch	200		90.00

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

THE
J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,
8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
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BRUNNINGS
Leading Suppliers of
EUCALYPTUS
and Acacia Seeds
P.O. Box 857, MELBOURNE, AUSTRALIA

Seedsmen requiring the very best selections
Garden Seeds
(Vegetable and Flower), especially
Kelway's Celebrated English Strains
can get them at lowest independent wholesale rates by sending their orders direct to
KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,

1004 Betz Bldg., Philadelphia, Pa.

Card brings a Catalogue

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds — Baltimore, Md.

Onion Seed

Write us for price on both globe and flat varieties. We are also quoting ONION SETS.

Schilder Bros., CHILLICOTHE, OHIO.

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited. Swedesboro, New Jersey

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white, each, ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant—Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink. Lavender and White. Trade pkt. 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers, very popular with florists. Trade pkt. 25c., ¼ oz. 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each. ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink. Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red. ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All, uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi-Dwarf, ⅛ oz. 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa. ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds, $1.50. Giant Ruffled, trade pkt. $1.00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt, $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c Single striped and blotched, ¼ oz. 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz. $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c

The Storrs & Harrison Co.

Painesville, Ohio.

Mention the American Florist when writing

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

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LOS ANGELES, CALIFORNIA.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

PORTERVILLE, CALIF.—H. A. Scott, former nurseryman of the Visalia district, has bought from J. F. C. Hobart a five-acre tract of land in the reservation region, just east of the city limits, paying $1,000 for the property. Scott will go in for market gardening.

HAYS, KAN.—Thirty-nine students, 15 of them girls, hope to earn their entire school expenses through the spring and summer terms at the Fort Hays state normal school, by gardening small plots under the direction of the department of agriculture. Each of the students has rented one-fourth acre, and tomatoes will be the principal crop. Prof. E. B. Matthew, of the normal school faculty, will act as manager of the Fort Hays Truckers' Association, the name adopted by the student-growers.

Prices of Indoor Fruits and Vegetables.

Chicago, April 13.—Mushrooms, 55 to 60 cents per pound; lettuce, 12½ cents per box; radishes, 35 cents to 60 cents per dozen bunches; asparagus, $1.00 per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, $1.00 to $1.50 per dozen.

New York, April 13.—Cucumbers, $1.00 to $1.25 per dozen; mushrooms, 75 cents to $1.50 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $2.00 to $3.00. Lettuce, per dozen, 10 cents to 25 cents.

Summer Treatment of Greenhouse Soil.

In a bulletin under the above head, just issued by W. J. and S. N. Green, of the Ohio Experiment Station, at Wooster, we find much of importance to the greenhouse grower of vegetables and will, as space permits, reproduce various sections of the bulletin in this department. At the close of the bulletin we find the following summary:

1. The common greenhouse crops of Ohio, tomato, cucumber, and lettuce, require different soil conditions for maximum yields.
2. Lettuce can be grown continuously with safety on unrenewed manured soils.
3. Tomatoes and cucumbers are sensitive to conditions found in old soils and yields are quickly affected, demanding treatment or renewal of soils after two or three seasons' use.
4. The drying of the soil during the idle summer period seems to adversely affect the soil conditions for tomatoes but not for lettuce.
5. Summer manure mulch is recommended to check adverse soil conditions for tomatoes and cucumbers.
6. Summer mulch may not obviate the necessity of soil sterilization, but, in part, it appears to answer that purpose.

For an interval of six to ten weeks during mid-summer vegetable greenhouses usually stand idle. Indoor tomatoes and cucumbers by the first week in July are usually past their prime and outside vegetables are are so abundant that prices received for even the finest greenhouse products are relatively low. The houses are generally cleared at once of all growth, as it is no longer profitable to care for the crop, and at this stage diseases and insects are at their worst, necessitating expensive operations if they are to be kept in check.

Unlike most florists, the vegetable greenhouse man does not consider it necessary to renew his soil annually. In large commercial ranges the cost of changing the soil amounts to a considerable sum, and if it can be avoided it means a large saving.

Generally, when the vines have been removed no further attention is given, the common opinion being that the intense heat under glass during July and August, together with the dryness of the soil, will destroy all insect life as well as fungi and bacteria.

This view is open to serious doubt. If vegetation is not completely removed from the house, a few tufts of grass or weeds will support through the summer enough insects to restock in the fall. If the insects are driven or carried outside, with cooler weather and favorable conditions inside, they will some way find their way back. The various organisms of the soil do not seem, in general, to be adversely affected by the summer drying. These, when such conditions prevail, quickly go into a resting stage, and in such a state are practically immune to any degree of heat and dryness that can be attained under ordinary greenhouse conditions. No only this, but on resuming activity, they show a degree of vigor greatly exceeding, for a time, that before dessication.

We too commonly think of the soil as a mass of dead, inert material. The real condition, so far as the top layer is concerned, and it is the upper six inches with which we are mainly interested, is that it is teeming with life, having a fauna and flora of its own, microscopic to be sure, but exceeding in activity and numbers the higher forms of life with which we are more familiar.

Greenhouse soils, in particular, because of artificial climatic conditions, which are almost tropical, and because of their origin and treatment, present very complex conditions. That some greenhouse soils are richer in available plant food than the average barn yard manure suggests some of the problems with which we have to deal.

In considering these problems we must keep clearly in mind two points, first, the natural requirements of cultivated plants, and second, the soil conditions.

Considering briefly the various angles of the soil problems, we may, for convenience, divide the organisms of the soil into two classes. First the beneficial bacteria and second, the various higher forms which are injurious to the first, together with the various parasitic fungi. The beneficial bacteria are those which increase the fertility of the soil by the production of ammonia, fixation of nitrogen, etc. The injurious organisms are the protozoa, etc., which interfere with the beneficial bacteria and thus are factors in limiting the fertility of the soil. Between these two classes, under normal conditions, there is an equilibrium. Under greenhouse conditions this balance is often disturbed and the cultivated crop seriously affected.

The chemical contents of the soil present conditions of extreme complexity. In greenhouse soils are found conditions in many ways wholly unlike those of outdoor soils, and our knowledge of the latter can hardly be applied, except in a general way. One of the problems, at least, in many greenhouses is to keep the soil in a balanced condition as to fertilizing ingredients, rather than to increase any at the expense of the health of the plants. Greenhouse soils are usually made before placing in the benches, and the question of their improvement afterwards is of minor importance.

Plants are sensitive to the physical condition of the soil in the greenhouse as well as out of doors. It is difficult to separate these various problems as they are so closely interlocked. Greenhouse soils are generally made from the soil upon which the houses stand or from that of the immediate neighborhood, so that the type of soil from which they are made must be taken into consideration.

Under the subject of physical conditions must also be considered the soil moisture and temperature.

MERIDIAN, MISS.—Prices were not any better than a year ago, and the amount of business just about the same is W. G. McKinney's opinion in the matter of Easter sales for 1915. An ample supply of stock of all kinds was on hand. In plant sales, lilies, hyacinths, tulips and hydrangeas were first choice, while in the cut-flower class, white flowers of any kind sold well. All in all, trade was as good as could be wished for, but money was not as plentiful as a year ago, and less expensive plants sold best.

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HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

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The following is offered at prices named subject to being unsold when ordered.
Immediate orders are advisable, as this stock will move quickly.

	Per Doz.	Per 100
Asparagus Plumosus, 2¼-inch pots	$ .40	$ 2.50
" " " " per 1000......$20.00		
" " 3-inch pots	.75	6.00
Asparagus Sprengeri, 3-inch pots	.75	5.00
Ageratum, Little Star, Stella Gurney, Princess Pauline and White Cap, 2¼-inch pots	.30	2.00
Acalypha Tricolor, Triumphans, Sanderii, 2¼-inch pots	.40	3.00
Baby Primrose, 2¼-inch pots	.40	2.50
Bougainvillea Sanderiana, 2¼-inch pots	.75	5.00
" " 4-inch pots	1.50	10.00
Browallia Gigantea, the Premier porch box plant, blooms all summer, a deep violet blue, 2¼-inch pots	.30	2.00
Begonia Corraline Lucerne, the best of all flowering Begonias, 2¼-inch pots	1.00	6.00
Cyperus, Umbrella Plants, 2¼-inch pots	.40	2.50
Cinnamon Vine, fine bulbs	.40	2 50
Carnations, Standard sorts, 2¼-inch pots	.50	3.00
" hardy, Margaret Wheeler, new fine pink, blooms all summer	1.50	10.00
Calla Elliotiana, golden yellow, blooming bulbs	1.25	10 00
Calla, Godfrey, the fragrant Calla	1.00	7.00
" Little Gem	.40	3.00
Canna, Standard Varieties	.50	3.50
" Firebrand, New, the grandest of all red flowering Cannas....50c each,	5.00	....
Canna, Olympic, New, the best pink Canna...25c each,	2.50	
" Queen Helen, New. You will never plant any other red spotted yellow canna after seeing this one, $1 25 each	12.00	
Camellia Japonica, fine assortment, 2 feet	8.00	60.00
Cyclamen, 2¼-inch	.40	2.50
Crotons, 10 best sorts, 2¼-inch pots	.50	3.50
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Dracaena Indivisa, 2¼-inch pots	.40	2.50
Dahlias, pot plants, 2¼-inch pots, leading sorts	.60	4.00
Dahlia, Springfield New Cactus, 2¼-inch pots. The grandest of all Dahlias for cut flowers, beats Lonsdale, 2¼-inch pots 20c each	2.00	
English Ivy, 2¼-inch pots	.40	2.50
Fuchsias, all colors, 2¼-inch pots	.40	2.50

	Per Doz.	Per 100
Ferns, Dwarf for table dishes, 2¼-inch pots. Per 1000, $17.50.	$ .30	$ 2.00
Farfugium Grand, nicely spotted, 2¼-inch pots	1.00	8.00
Geraniums. Time yet to pot up for Decoration Day Sales; Ricard, Nutt, Poitevine, Viaud, Castellane, Hill, Landry, Harcourt, 2¼-inch pots....per 1000, $25.00,	.50	3.00
German Ivy, 2¼-inch pots	.30	2.00
German or Brides Myrtle, 2¼-inch	1.50	....
Heliotrope, 5 sorts, 2¼-inch	.30	2.00
Impatiens, 4 varieties, 2¼-inch pots	.30	2.50
Iris, Japanese, 6 fine sorts....per 1000, $35.00;	.60	4.00
Iris, German, 4 fine colors....per 1000, 20.00;	.40	2.50
Jasmine Primulinum, hardy white flowers, 2¼-inch pots	.40	2.50
Justicia, Brazilian Plume flower, 2¼-inch pots	.50	3.00
Lemon Verbena, 2¼-inch pots	.40	2.50
Lobelia Kathlene Mallard, 2¼-inch pots	.40	2.50
Madeira Vine, fine roots	.30	2.00
Nierembergia, fine for vases, 2¼-inch pots	.30	2.00
Pilea Artillery Plant, 2¼-inch pots	.30	2 00
Ponderosa Lemon, 2¼-inch pots	.50	3.00
Pinks, hardy Scotch, all colors, 2¼-inch pots	.50	3.00
Passion Flower, hardy white, 2¼-inch pots	.40	2.50
Peperomia Muscosa or Silver Leaved Begonia, 2¼-in. pots	.40	3.00
Plumbago Capensis Alba, white flowered, 2¼-inch pots	.50	3.00
Roses, a fine assortment, both new and old, including hardy and tender climbers, Hybrid Perpetuals, Polyanthas, Everblooming Teas and Hybrid Teas. In fact, everything you need in the rose line. Write for list and prices on your needs, we have 2¼-inch and 4-inch pot plants of roses.		
Rudbeckia, Golden Glow, 2¼-inch pots	.30	2.00
Saxifraga, 2¼-inch pots	.40	2.50
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Snapdragon, Giant Flowering, 5 colors	.50	3.00
Vinca, last Fall rooted tips from 2-inch pots, extra strong... $22.50 per 1000.	.40	2.50
Violets, Lady Campbell and Hardy Russian, 2¼-inch	.40	2.50
Weeping Lantanas	.40	2.50
Wandering Jew, Tradescantia	.50	3.00

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S. A. Nutt and 5 varieties, 2½-in. pots, $3.00 per 100; 3-in. pots, ready, $4.00 per 100.

Cannas, 10 varieties, from 3 and 4 in. pots, $4.00 per 100; King Humbert, $6.00 per 100.

Vinca, variegated, 4-in. pot, $10 per 100.

Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.

Coleus, 10 varieties, ready, 2½-in. pots, $2.00 per 100.

Alternantheras, red and yellow, ready, $2 00 per 100.

Pansy Plant, Giant flowering, transplanted plants, $1.50 per 100.

Petunias, from double seed, ready, $3.00 per 100.

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Roses, from 3-inch pots. **Chrysanthemums**
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IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in.	25c
" " " 18-in.	45c
" " " 30-in.	2 00
Pyramids, 36-in.	$1.75
" 42-in.	2.25
" 48 in.	3.25
Globes, 18 by 18-in.	3.00

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

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If you are short of Blooming Plants, such as

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Henry B. Chase, Chase, Ala., President; E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

MARIONVILLE, MO.—Stark Bros. Orchard & Nursery Co., Inc., put a full force of field men at work April 1, and began its spring planting of grafts.

PROF. C. S. SARGENT announces the discontinuance of free distribution of the excellent Arnold Arboretum bulletins of popular information, owing to the large demand, and that in future $1 per year will be charged for them.

RALEIGH, N. C.—B. Szimoniak, who recently joined the horticultural staff of the agricultural department, is giving the people of the state some practical demontrations in the care of trees and is arousing much interest in horticulture.

SALT LAKE CITY UTAH.—More than 230,000 trees will be planted on the Wasatch national forest reserve if the schedule included in instructions received at the local office from the district office is carried out this season. All of the stock to be planted will be supplied by the Big Cottonwood and Beaver Creek nurseries.

DANBURY, CONN.—The Country Improvement Specialists is the name of an association of trained experts in landscape design, forestry, agriculture and horticulture, which has been formed by Garrett M. Stack, horticulturist of Brookfield Center; Thomas H. Desmond, landscape designer of Hartford, and Edwin C. Eaton, forester, of Auburndale, Mass.

ATHENS, GA.—A forest garden is being rapidly developed at the Georgia State College of Agriculture. Seed beds have been established and planted to various tree seeds. From this as a beginning, the college plans to develop a nursery that will be equal to supplying the demands of Georgia in reforestration and reclamation of eroded lands, as well as to start forests in a commercial way.

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BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
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Evergreen Specialists Largest Growers in America
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The Wagner Park Nursery Co.
SIDNEY, OHIO,
—Growers of Choicest—
Nursery Stock, Conservatory and Greenhouse Plants.

St. Louis Park Commissioner.

The following petition signed by a number of prominent florists and gardeners of St. Louis, Mo., has been presented to Emil N. Talkacz, director of public welfare. The florists of St. Louis started the two-in-one campaign, with a view to the appointment of a park commissioner who is also a landscape architect. The issue has aroused considerable civic interest.

We, the undersigned, florists and gardeners of St. Louis, Mo., in view of the great success in other important cities of the plan of appointing a landscape architect to the office of park commissioner, and especially in view of the city's present crippled finances, which denied Park Commissioner Davis the assistance of a landscape architect during the latter part of his term, do hereby urgently request that the next park commissioner of St. Louis be a landscape architect and do recommend heartily for that important office, Henry C. Muskopf:

L. Jules Bourdet, president St. Louis Florists' Club; J. J. Beneke, secretary St. Louis Florists' Club; Alex Johnson, O. K. Sanders, of Sanders Nurseries; Fred C. Weber, F. H. Weber, C. Young & Sons Co., Teresa Badaracco, Grimm & Gorly, Diemer Floral Co., Oscar Sleile, Max Herzog, F. J. Fillmore, H. B. Schaad, John M. Walther, Wm. Schray & Sons, Mullanphy Florist, W. M. Robinson, Kalisch Bros. Floral Co., J. W. Boerm, A. F. Waldmann, Theodore Miller, E. J. Waldbart, Volkman Floral Co., W. H. Kruse, Bentzen Floral Co., O. H. Huettmann, O'Leary Florist, Ayers Floral Co., The Flower Shop, Andrew Meyer, Jr. H. C. I.

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Any quantity, size and age. No better grown.
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Full Line of Fruit Trees and Plants.
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NELSON'S
Big Trees and Shrubs
Florists and gardeners desirous of pleasing their clients, will do well to send for our special price list of "Immediate Effect" nursery stock. We make a special discount to gardeners.
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I still have on hand a hundred thousand California Privet, 2 to 3 feet and 3 to 4 feet; fine stock at low prices. Also a few thousand Amoor Privet, 1½ to 2 feet and 2 to 3 feet.
Contracts solicited for California Privet, Amoor Privet and Berberis Thunbergii in car lots for fall delivery.
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Eat your Asparagus this May and June. Plant my Seven-Year Asparagus Roots. If you plant two-year roots, you will wait three years for your crop.
Also Witloof Chicory or French Endive Roots, which will produce this crop out-doors in six weeks.
Rhubarb, Horse Radish, Sea Kale, French Globe Artichoke Roots, Everbearing Strawberry Plants, Privet
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Brenham, Texas, Sept 1 1879

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Courtesy of John Watson, of Jackson & Perkins, Newark, N. Y.

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Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

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Asparagus Plumosus Nanus.

April Special Offer

ASPARAGUS PLUMOSUS NANUS

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April is the ideal month to sow this seed. The seed we offer is **Northern Greenhouse Grown** stock of high germinating quality, the same high class strain as supplied by us for the last fifteen years.

	Per 1000
1000 seeds	**$3.00**
3,000 to 5,000 seeds	**2.75**
6,000 to 10,000 seeds	**2.50**

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
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Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Boston Fern, 2¼-in. pot, $4.00 per 100, $35.00 per 1000.
Teddy Jr. Fern, 2¼-in., $6.00 per 100, $60.00 per 1000.
Scholzeli and **Scottii Ferns,** 2¼-in. pots, $5.00 per 100.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Begonias, Tuberous Rooted, Single, seperate colors, $3.00 per 100.
" " " " mixed colors, $2.25 per 100.
" " " Double, separate colors, $4 50 per 100.
" " " " mixed colors, $4.00 per 100.
" " " Single Frilled, separate colors, $7.00 per 100.
English Ivy, 4-in. pot plants, 3 ft. tops, $12.00 per 100.
" " 3-in. pot plants, 2 ft. tops, $9.00 per 100.
Gloxinias, separate colors, $4.00 per 100.
Pelargoniums, 3-in. pot plants, 10 varieties, $10.00 per 100.
Vinca Variegata, 4-in. pots, fine tops, $10.00 per 100.
" " 3-in. pots, " " $7.00 per 100.

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Market and 49th Sts., Philadelphia, Pa.

GERANIUMS

Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and **Buchner**	$10 00 per 1000
Ricard and **Poitevine**	12 50 " "
Asparagus Plumosus	25 00 " "
Smilax	12 50 " "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

Carnation Plants From Soil

We have several thousand strong well established plants from soil. These plants are from selected cuttings and most of them are pinched back, having now from three to five breaks. Send in your orders **now,** and we will ship at once or wait until you are ready to plant in the field if you so desire.

We have the following varieties from SOIL:

	Per 100	1000
Enchantress . .	$3.00	$25.00
Mrs. C. W. Ward,	3.00	25.00
Commodore . .	$3.00	$25.00
Northport . . .	3.00	25.00
Beacon . . .	$3.50	$30.00
Champion . .	6.50	55.00

For list of rooted cuttings see classified ad.

J. D. THOMPSON CARNATION COMPANY, Joliet, Ill.

Some Excellent Stock

For Potting After Easter.

To have ready for bedding out and Memoria day trade. Liberal extras for early orders.

Large 2 and 2¼-inch pot **Geraniums,** Henderson, Viaud, Ricard, Nutt, Grant Montmore, Perkins Meehan, Buchner, La Favorite etc, etc. Special Price, $2.25 per 100, $20.00 per 1000. Try some.

Size of pots.	Per 100	1000
2½ in. **Heliotropes,** 3 varieties.........	$2.75	$25.00
2½ in. **Marguerites,** white and yellow.	2.50	22.50
2¼ in. **Fuchsias,** 15 varieties..........	2.75	25.00
2¼ in. **Abutilons,** 8 varieties..........	2.50	22.50
2½ in. **Petunias,** double, 12 varieties..	3.00	25 00
2¼ in. **Salvias** Bonfire and Splenden.	2.50	22.50
2½ in. **Vinca Variegata**...............	3.50	30.00
3½ in. **Vinca Variegata** and **Green**...	6.50	60.00
2½ in. **Asparagus Plumosus**..........	3 00	25 00
4 in. **Asparagus Plumosus**..........	7.50	70 00
2½ in. **Asparagus Sprengeri**..........	2.50	22.50
3 in. **King Humbert Cannas**.........	4.50	40.00
Funkia, Variegata clumps	5.00	45.00
Choice mixed **Pansy Plants,** in bud ..		3.50
Big Boston and Grand Rapids **Lettuce Plants**		1.50
20 varieties of **Cannas,** potted, true to name....................................	4.00	35.00

25,000 4, 5, 6 in **Dracaena Indivisa,** $10.00, $20.00 and $25 00 per 100

"Golden Leaved Privet" ovalifolium aurea, 6-in. pot, 18 to 24 inches high, very bushy, 35c each; 4-in. pot, bushy plants 15c each. Young plants for potting, $6.00 per 100. Excellent stock for filling urns and porch boxes.

Also abundance of other stock on hand. Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

VAUGHAN'S ROSES

Why not place that order now for your present need and future wants? GET THE HABIT. We will do the rest.

			Per 1000
Hoosier Beauty, grafted,	**2½**	**inch**	**$300.00**
Russell,	"	"	**125.00**
Sunburst,	"	"	**100.00**
Ophelia,	"	"	**130.00**
Hadley,	"	"	**120.00**
Milady,	"	"	**110 00**
Mrs. Geo. Shawyer,	"	"	**110.00**
Aaron Ward,	"	"	**110.00**
Killarney,	"	"	**110.00**
White Killarney,	"	"	**110.00**
Killarney Brilliant,	"	"	**110 00**
Richmond,	"	"	**110.00**
SUNBURST, the King of Yellow Roses, Own Root			**90.00**

Special attention given on 3 inch and 4 inch stock for forward delivery.

VAUGHAN'S SEED STORE

31-33 W. Randolph Street, CHICAGO. **43 Barclay Street, NEW YORK.**

Greenhouses, Western Springs, Ill.

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Mention the American Florist when writing.

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.

ADRIAN, MICH.

Mention the American Florist when writing.

A Few Good Things You Want.

Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $10.00; 5-in., $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Verbenas,** 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing.

PANSIES

Fine giant mixture, large transplanted plants, in bud and bloom, $1.25 per 100; $10.00 per 1000. Strong seedlings, $2.50 per 1000.

Cash, please.

H. G. NORTON, Perry, Ohio

Mention the American Florist when writing.

Middletown, N. Y.

The local Easter business was much better than we anticipated, with factories shut down or working only on partial time. The trade was never before so nearly sold out, and at the usual prices. The question is, where did the flower buyers get their money? as most of the sales were for cash, or to those who pay their bills promptly. If we do as well with bedding stock there surely will be little room for complaint. A storm bothered us to a certain extent on Saturday, starting in the morning with a heavy wind, followed by snow about 10:30 a. m., but Sunday broke bright, giving the ladies a chance to parade their flowers and Easter fashions.

Edw. Lorentz supplied his trade from his greenhouses which are centrally located, and excellent business is reported at his establishment.

Coe, the Grand avenue florist, advertised branch stores for the Easter trade in Goshen, N. Y., and Sussex, N. J.

F. X. Dienst had a branch store for the Easter trade and his force was kept busy with a very good trade.

Henry Wisner reports Easter sales fully up to his expectations.

L.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

STRONG, WELL-ROOTED CUTTINGS.

	Per 100.	Per 1,000.
P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

DAVIS FLORAL CO., DAVENPORT, IA.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternantheras, red and yellow, $2 per 100. Jos H. Cunningham, Delaware, Ohio.

AMPELOPSIS.

25,000 Amelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, 50c, 75c and $1 each; Robusta Compacta, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2½-in., 40c per doz.; $2.50 per 100; $20 per 1,000; 3-in., 75c per doz.; $6 per 100. Sprengeri, 3-in., 75c per doz.; $5 per 100. The Good & Reese Co., Springfield, O.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

ASPARAGUS PLUMOSUS, FRESH SEED, 1,000, 75c; 10,000, $6; 100,000, $50. Superior Nursery Co., Los Angeles, Calif.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

AZALEAS.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 in., $1.50 each. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies, August Rolker & Sons, 51 Barclay St., New York.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Begonias, tuberous rooted, single, separate colors, $3 per 100; mixed, $2.25. Double, separate colors, $4.50 per 100; mixed, $4. Single frilled, separate colors, $7 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Begonia Corraline Lucerne, 2¼-in., $1 per doz.; $6 per 100. The Good & Reese Co., Springfield, O.

BOXWOOD.

Boxwoods, bushes, 10-in., 25c each; $3 per doz.; 12-in., 30c each; $3.60 per doz.; 12-in., extra heavy, 10 in. wide, 40c each; $4.80 per doz.; 15-in., 50c each; $6 per doz.; 18-in., $1 each; 24-in., $1.25 each. Pyramids, 30-in., $2 each; 36-in., $3; 3½ ft., $3.50; 4 ft., $4; 5 ft., $6; 6 ft., $12. Standards, 2 ft. stem, 12-15-in. crown, $2 each. Globe, 24-in., $6 each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Boxwood, fine well shaped plants. Can be furnished with tubs if desired. Bush shaped: 12-inch, 40c each; $4.25 per doz.; 18-inch, 65c each; $7 per doz. Pyramids: 3 foot high, $2.50 each; $4.50 per pair; 3½ ft., $3.50 each; $6 per pair. A. Henderson & Co., 369 River St., Chicago.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in. $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Stores & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, cold storage lilies: Giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, Lilium Giganteum, size 7-9 per 100, $6.50; case of 300, $16.50; size 9-10 per 100, $10.50; case of 200, $20. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

FISHER'S PURITY FREESIA BULBS. Large stock; prices right. Place your orders now. CURRIER BULB CO., P. O. Box 102, Seabright, Calif.

Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteums, 8-9-inch; 8-10-inch; 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

CALCEOLARIAS.

Calceolaria Grandiflora, Compacta and Jame 4-inch, 15c; 3-inch, 10c. Cash please. Toledo Greenhouse, 2829 Chestnut St., Toledo, Ohio.

CANNAS.

100,000 cannas, very choice varieties, extra strong plants, 4-in., $8 per 100; $75 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS.

Cannas, standard varieties, 50c per doz.; $3.50 per 100. Firebrand, 50c each; $5 per doz. Olympic, 25c each; $2.50 per doz. Queen Helen, $1.25 each; $12 per doz. The Good & Reese Co., Springfield, O.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 10 varieties, 3x4-in. pots, $4 per 100; King Humbert, $6 per 100. Jos. H. Cunningham, Delaware, Ohio.

CANNAS, standard varieties divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Vaughan's Firebird, 3-inch, dozen, $6.50; 25 for $12.50. Vaughan's Seen Store, Chicago and New York.

CARNATIONS.

STOP! LOOK! READ!

For immediate delivery.

FINE CARNATIONS FROM SOIL.

As we shall grow Roses more extensively this year we are cutting down on our Carnation growing. This being the case, we have a surplus of some very choice carnation stock to offer; stock offered is what we had intended to grow ourselves, for with the careful culture given them they have been worked up to large, healthy plants, and as such we guarantee that you will find them REAL LIVE VALUES, so here is your chance to secure choice stock at prices no higher than others, but of a quality far superior.

			100.	1,000.
500	Joy	Red	$4.00	$30.00
3,000	Victory	"	3.00	25.00
2,000	Perfection	"	3.00	25.00
1,000	Philadelphia	Pink	5.00	40.00
4,000	Afterglow,	Dk. "	4.00	30.00

J. A. BUDLONG,
82-84 E. Randolph street, Chicago.

400,000 ROOTED CARNATION CUTTINGS.

We have the following varieties in extra strong stock for IMMEDIATE DELIVERY:

	Per 100	Per 1000
Matchless (white)	$6.00	$50.00
White Wonder	3.00	25.00
White Enchantress	2.50	20.00
Shasta (white)	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Philadelphia (light pink)	6.00	50.00
Mrs. C. W. Ward (pink)	2.50	20.00
Northport (dark pink)	2.50	20.00
Peerless Pink (dark pink)	6.00	50.00
Enchantress	2.50	20.00
Champion (scarlet)	6.00	50.00
Beacon (scarlet)	3.00	25.00
Commodore	2.50	20.00
Conquest (variegated)	2.50	20.00

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

Carnations, rooted cuttings: Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, $3 per 100; $27.50 per 1,000. Josie Merle, Philadelphia, Washington, $3 per 100; $25 per 1,000. 2½-inch pots: Josie Merle, $3.50 per 100; $30 per 1,000. Philadelphia, $4 per 100; $35 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.
56 East Randolph St. Chicago, Ill.

STRONG ROOTED CARNATION CUTTINGS.

	Per 100.	Per 1,000.
Ward	$2.00	$15.00
Enchantress	2.00	15.00
Beacon	2.00	15.00
White Perfection	2.00	15.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder. White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY.
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1000. Herald, Philadelphia, $4 per 100; $35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, 2½-inch stock: Winsor, $30 per 1,000. Enchantress, $35. Champion, $65. Gorgeous, $40. Scarlet Glow, $35. C. W. Ward, $35. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, standard sorts, 2¼-in., 50c per doz.; $3 per 100. Margaret Wheeler, $1.50 per doz.; $10 per 100. The Good & Reese Co., Springfield, O.

Carnations. Wood Bros., Fishkill, N. Y.

CENTUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum cuttings, Chadwick Improved, $3 per 100; $25 per 1,000. W. H. and Golden Chadwick, Chrysolora, Maj. Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall, Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons: Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. Morris Floral Co., Morris, Ill.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, Trailing Queen, rooted cuttings, 60c per 100, prepaid. D. W. Leatherman, Anderson, Ind.

Coleus, Verschaffeltii, Yellow Bird and 20 others, 2¼-in., $2 per 100; $18 per 1,000. The Good & Reese Co., Springfield, O.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, well colored in all varieties, 50c to 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1000; $2.50 per 100; 500 at 1000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for March and April delivery, young thrifty plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brililant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1000. J. T. Lovett, Little Silver, N. J.

Dahlias, pot plants, 2¼-in., 60c per doz.; $4 per 100. Springfield (new cactus), 2¼-in., 20c each; $2 per doz. The Good & Reese Co., Springfield, O.

Dahlias for sale cheap to close out; whole field clumps; true to name. Send for list. George Popp, Jr., Fort Recovery, Ohio.

DRACAENAS.

Dracæna terminalis, 4-in., $3 per doz.; 5-in., $5; 6-in., $7.50. Poehlmann Bros. Co., Morton Grove, Ill.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100; 2 to 2½ ft., 25c; 2½ to 3 ft., 35c. Cash, please. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $10; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

Dracæna Indivisa, 2¼-in., 40c per doz.; $2.50 per 100. The Good & Reese Co., Springfield, O.

FERNS.

Boston ferns, 2-in. .... $3.00 per 100
Boston ferns, 3-in. .... 6.00 per 100

Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100.

Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.

ERNEST ROBER, WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotuim Schiedel, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, Whitmani and Roosevelt, 7-in., 75c each; $9 per doz.; 8-in., $1 each; $12 per doz.; 10-in., $2.50 each; 12-in., $3.50 each. Extra fine Boston and Asparagus hanging baskets, $1.50 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Ferns, Boston, 2¼-in., $4 per 100; $35 per 1000. Teddy Jr., fern, 2¼-in., $6 per 100; $60 per 1000. Scholzelii and Scottii, 2¼-in., $5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

BOSTON FERNS, 2½-inch, strong, $5 per 100. WHITMANI, 2½-inch, $5 per 100. Superior Nursery Co., Los Angeles, Calif.

Ferns, dwarf for table dishes, 2¼-in., 30c per doz., $2 per 100; $17.50 per 1,000. The Good & Reese Co., Springfield, O.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FUCHSIAS.

Fuchsias, 2¼-in., 15 varieties, $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-inch, fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

Geraniums, S. A. Nutt, 3-inch, 5c. S. A. Nutt, Buchner, White, Ricard, Beaute Poitevine, 3½-inch, 6c; 4-inch, 7c to 8c. Jean Viaud, 3½-inch, 7c; 4-inch, 8c. All fine stocky plants in bud and bloom. Cash with order. Gus. Schlegel, Olney, Ill.

Geraniums, 2 and 2½-in., Henderson, Viaud, Ricard, Nutt, Grant, Montmore, Perkins, Meehan, Buchner, La Favorite, etc., $2.25 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, Ricard, Nutt, Poitevine, Viaud, Castellane, Hill, Landry, Harcourt, 2¼-in., 50c per doz.; $3 per 100; $25 per 1,000. The Good & Reese Co., Springfield, O.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt and 5 varieties, 2½-in., $3 per 100; 3-in., $4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12¼c each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

GLADIOLUS.

Gladiolus Mrs. Francis King, Jumbo size, 2-in. and up, $12 per 1,000; 1st size, 1½-in., $9 per 1,000; regular blooming size, nearly 1½-in., $7 per 1,000. Vaughan's Seed Store, Chicago and New York.

"MRS. FRANK PENDLETON" Gladiolus in 2nd and 3rd sizes. Also planting sizes. A. E. KUNDERD, R. 4, Goshen, Ind.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

GLADIOLUS.

Gladiolus, America, $1.40 per 100; $12 per 1,000. Augusta, $1.60 per 100; $14 per 1,000. Francis King, $1.60 per 100; $14 per 1,000. Princeps, $1.60 per 100; $14 per 1,000. Panama, $4.50 per 100; $40 per 1,000. A. Henderson & Co., 369 River St., Chicago.

GREENS.

Greens, long leucothoe, $2 per 1,000; medium, $1.50; short, 75c. Ferns, fancy and dagger, 75c per 1,000, or $3.25 per case of 5,000. Galax, bronze and green, 45c per 1,000, or $3.75 per case of 10,000. Hampton & Perkins, Roan Mountain, Tenn.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, R. C., Centefleur, Picciola, Poitevine, Diadem, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2½-in., $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangea Otaka, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

GERMAN IVY, R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

ENGLISH IVY, extra strong R. C., 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

English Ivy, 4-in., 2 to 4 leads, $8 per 100. Cash, please. Harry Heinl, West Toledo, O.

English ivy, 4-in., 3 ft., $12 per 100; 3-in., 2 ft., $9 per 100. The Storrs & Harrison Co., Painesville, Ohio.

English Ivy, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

LANTANAS.

LANTANAS, 2-inch, 6 varieties, 3c. MEMPHIS FLORAL CO., Memphis, Tenn.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

From Storage.

Lily of the valley, Chicago Market Brand, best valley in existence, giving the best results all year around, $15 per 1,000; $8 per 500; $4.50 per 250; $2 per 100. Florist Money Maker Brand, best Valley at moderate prices. $13 per 1,000; $7 per 500; $4 per 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley, cold storage, $1.50 per 100; $14 per 1,000. C. C. Pollworth Co., Milwaukee, Wis.

MOONVINES.

Moonvines, large flowering, fine stock, 2½-inch, 3½c. Cash with order. Gus. Schlegel, Olney, Ill.

MOSS.

MOSS, 10 bbl. bale, $2; 5 bbl. bale, $1.25. Peat, 80c bag. Rotted Manure, 50c bag. Get prices on large lots. Jos. H. Paul, P. O. 156, Manahawkin, N. J.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock for outdoor planting. Roses, clematis, shrubs, vines, perennials, shade trees. Send for list. We sell to the trade only. Jackson & Perkins Company, Newark, New York.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft..	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	...$1.50
7-inch pots, 3 plants in a pot,	36 to 38...	2.50
7-inch tubs, 4 plants in a tub,	38 to 40...	3.00
8-inch tubs, 4 plants in a tub,	38 to 44...	3.50
8-inch tubs, 3 plants in a tub,	48 to 54...	5.00
8-inch tubs, 4 plants in a tub,	52 to 56...	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high..	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Belmoreana. McHutchison & Co., 17 Murray St., New York.

PANDANUS.

Pandanus Veitchii, 3-in., 25c each; 4-in., 50c; 5-in., 75c to $1; 6-in., $1.50; 7-in., $2 and $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

PANDANUS VEITCHII, nicely variegated plants, 4-in. pot sizes, $10 per 100; 6-in. pot, $15 per 100; 8-in. pot, $25 per 100. Larger sizes at 35c and 50c each; cuttings at $4 and $6 per 100. F. M. SOAR, Little River, Fla.

PANSIES.

PANSIES—225,000 large stocky (September transplanted), field-grown, blooming pansy plants. Henry Mette's Strain, all salable stock. Satisfaction guaranteed. $1 per 100; $10 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS from cold frame coming in bud and bloom. From Danish seed. $1 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Pansies, giant mixture, large transplanted plants, bud and bloom, $1.25 per 100; $10 per 1,000. Strong seedlings, $2.50 per 1,000. H. G. Norton, Perry, Ohio.

PEONIES.

Peonies, 3 to 5 eye roots, Felix Crousse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

REMEMBER, If it's a Hardy Perennial or so called old Fashion Flower worth growing, we have it in one shape and another the year around. We have the largest stock in this country, all made in America, and our prices will average 75c per doz.; $5.50 per 100. Why say more here? Send for our Wholesale Price List of varieties and benefit from the opportunities this notice affords you. Address,

R. W. CLUCAS, Mgr.,
Palisades Nurseries, Inc., Sparkill, N. Y.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, 2½-in., 12 vars., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, from dbl. seed, $2.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Primroses, baby, 2¼-in., 40c per doz.; $2.50 per 100. The Good & Reese Co., Springfield, O.

PRIVET.

200,000 CALIFORNIA PRIVET all sizes, 12 to 18, 18 to 24, 24 to 30 at $12, $15 and $20 per 1,000; fine stock. 50,000 SHRUBS and VINES low. Get trade list. 1,000,000 frost proof cabbage plants now ready. BENJ. CONNELL, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer.....	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock.....	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot.....	12.00	100.00
Irish Fire Flame.....	12.00	100.00
Mrs. Chas. Russell.....	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch.....	$4.00	$35.00
White Killarney, 2-inch.....	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch.....	8.00	75.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch....	5.00	40.00
BENCH PLANTS.		
American Beauty	$6.00	$50.00
Richmond	5.00	40.00

WIETOR BROS.

162 North Wabash Ave., CHICAGO

GRAFTED PLANTS.

Choice young stock in large 2½-inch pots ready to shift into 4-inch or plant direct in the benches.

	Per 100.	Per 1,000.
Ophelia	$12.00	$100.00
White Killarney	12.00	100.00
Killarney	12.00	100.00
Rhea Reid	12.00	100.00
Bulgaria	10.00	90.00

We also have ready for immediate shipment bench Beauty plants in lots of 100 or more at the rate of $50 per 1,000. All plants shipped from Hinsdale, Ill.

BASSETT & WASHBURN,

131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

Roses, 2½-in. plants: White Killarney, Pink Killarney, Maryland, Milady, Shawyer, $4 per 100; $35 per 1000; Richmond, $3 per 100; $25 per 1,000. Mrs. Aaron Ward, 3-inch plants, $4 per 100; $35 per 1,000. Bench plants: Killarney, Richmond, Ward, Shawyer, $6 per 100; $50 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

ROSES.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100.	Per 1,000.
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Roses, a fine assortment both new and old, including hardy and tender climbers, hybrid perpetuals, polyanthus, everblooming teas and hybrid teas. Write for list and prices on your needs. We have 2¼-inch and 4-inch pot plants of roses. The Good & Reese Co., Springfield, O.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, R. C., Zurich, Bonfire, Chretien, Lord Fauntleroy Silver Spot, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvias, 2¼-in., Bonfire and Splendens, $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

SEEDS.

Seeds, Ageratum, Alyssum, Antirrhinum, Asparagus, Asters, Begonias, Candytuft, Celosia, Centaureas, Cinerarias, Cobæa Scandens, Coleus, Dracaenas, Grevillia, Ipomoeas, Lobelias, Mignonette, Petunia, Salvia, Smilax, Stocks, Verbenas. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 1,000 seeds, $3; 3,000 to 5,000 seeds, $2.75 per 1,000; 6,000 to 10,000 seeds, $2.50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, beet, sweet corn, garden beans, onion sets and seed potatoes. S. D. Woodruff & Sons, 82 Dey St., New York.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seeds and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son Langport, Somerset, England.

Seeds, growers for the trade, beans, peas sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

CELERY PLANTS, Golden Self-Blanching (French strain) fine plants, ready April 15, $2.50 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

VINCAS.

Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heinl, West Toledo, O.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1000. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 2½-in., $3.50 per 100; $30 per 1,000; 3½-in., variegata and green, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

10,000 3-inch Variegated Vincas, extra fine, $5 per 100. 15,000 fall struck cuttings, $1 per 100; $9 per 1000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

Vincas, last fall rooted tips from 2-in. pots, 40c per doz.; $2.50 per 100; $22.50 per 1,000. The Good & Reese Co., Springfield, O.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca var., 4-in. pots, $10 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

STOCK WANTED.

Quote best price planting stock cannas and dahlias; named varieties, per 5,000; immediate delivery. Fred M. Sargent, La Grange, Ill.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 50c for 1,000, postage paid.
MICHIGAN CUT-FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass. Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Western Kentucky tobacco is stronger and contains more nicotine than any other tobacco. Western Kentucky tobacco scrap (broken tobacco leaves) 3c per pound; stems, 2c per pound; dust, 2c per pound. Low prices on large quantities. Ford Tobacco Co., Mayfield, Ky.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Liquid—NICO-FUME—Paper, for thrips, aphis, Spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Sterling Iron Reservoir Vases. Place your orders early. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers, bone meal; sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

Dreer's Peerless Glazing points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Pexto Pruning Shears. Write for booklet. The Peck, Stow & Wilcox Co., Southington, Conn., and Cleveland, Ohio.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Little Wonder Rose Nozzle, 35c each. Garland Mfg. Co., Des Plaines, Ill.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Fetrilizers, Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scot-

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pots. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

Pots, bright red color, porous and strong. The Cambridge Tile Mfg. Co., Covington, Ky.

PRINTING.

500 Letterheads (ruled or plain) and 500 Envelopes only $2. Printing for Florists a specialty. Satisfaction guaranteed. GLENN H. SNOW, Camden, New York.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Write Us Today

Save 10% to 20% on Greenhouses

We get most of our business through recommendations from thoroughly satisfied customers—we thrive on repeat orders.

We have received absolutely no correspondence expressing dissatisfaction on price, delivery or quality of construction.

What They Say:

Jan. 20, 1915
Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,
L. Buckendorf,
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Send for Our Latest Catalogue

Let us send a capable representative to see you without cost to you. We do this because of the implicit confidence in our material and service

"We Understand Our Business Thoroughly".

WILLENS CONSTRUCTION CO.

Long Distance Phones:
Lawndale 757—Harrison 7073

1529 S. Spaulding Ave., Chicago

Columbus, O.

EASTER TRADE FAILS TO ABSORB SUPPLY.

There is a surplus in practically all features of stock, incident to heavy Easter production and a pronounced lull in trade which has come about in the past ten days. While florists enjoyed a record-breaking business during the Easter period, it did not absorb the great supply that had been created. Carnations are so plentiful as to be a problem. This condition is likely to continue up until Mothers' day. Local florists have had very little to complain of on the state of business since the first of the year, and are not pessimistic over the present dullness. Bulbous stock, which has now about reached the end of its season, had an enormous sale. This was helped greatly by the increased interest in planting brought about through the public recreation department. There is expected to be little demand from social functions during April, but the May and June wedding season looms up promisingly.

NOTES.

The Munk Floral Company has entered into arrangements with the city recreation department to supply the public with what is termed the official window or porch box. As part of a city beautiful campaign being waged, the department has guaranteed the company orders for from 500 to 1,000 boxes at the popular price of $1.50 agreed upon. The company furnishes the box, fills it with flowers and vines which are subject to a certain range of choice on the part of the customer, and delivers it for the price named. The boxes are of standard size, six feet long and 30 inches wide. By having them made to order in quantities, the florists are able to realize a small profit on box and contents. More value is attached, however, to the advertising received through being made the official medium of the recreation department. The Munk company is giving publicity to the matter by street car cards, which show up in colors the box and filling.

With more carnations in stock than could be disposed of, the cut flower department of the Livingston Seed Company turned this condition to advertising account by giving a carnation to every customer that came into the store, Saturday, April 10. Twelve hundred were handed out in this way at the main entrance and 300 at the side entrance.

C. C. J.

Concrete Post Molds

—for—

Greenhouse Benches

LIGHT—STRONG—DURABLE

(Made of Sheet Steel)

Concrete Posts Cost Less than Cedar Posts and Last Forever.

Three men made 337 Posts in Six Hours

Can you beat this?

Superior Machine & Boiler Works,

846-848 WEST SUPERIOR STREET, CHICAGO, ILL.

DAVIS, CALIF.—A bottle of carbolic acid used in spraying plants by Emil Grauel, field foreman of the horticultural department of the University of California's agricultural college, broke in his pocket and caused his death, enough acid being absorbed into his system through a deep burn in his hip.

4-Inch
Boiler Tubes 6¾

cents per foot.
New and S. H. Pipe, All Sizes.
Tell Us Your Wants.
ILLINOIS PIPE & MFG. CO.,
2117 S. Jefferson Street CHICAGO, ILL.

KING

The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

KING CONSTRUCTION CO.

29 King's Road, N. Tonawanda, N. Y.

Minnesota State Florists' Association.

APRIL MEETING AND EXHIBITION.

The Minnesota State Florists' Association held its April meeting in the Palm room of the Hotel St. Paul Thursday, April 8, 1915. In the flower exhibition, the premiums offered consisted mostly of bulbs donated by Holland firms, the value being about $8 for first and $5 for second prizes. The following list of premiums were awarded:

Best six pans daffodils or jonquils, not over 10-inch pans—Holm & Olson, St. Paul, 95 points.

Best six pans single tulips, any variety, not over 10-inch pans—Holm & Olson, 86 points.

Best six pans double tulips—Holm & Olson, 92 points.

Best six Dutch hyacinths, any variety, not over 10-inch pans—L. S. Donaldson Co., Minneapolis, 90 points; Holm & Olson, 86 points.

Best six pots of Easter lilies, one bulb to a pot—Holm & Olson, 96 points; Merriam Park Floral Co., 90 points.

Specimen lilac any variety—Holm & Olson, 96 points; L. S. Donaldson Co., 85 points.

Hydrangea, any variety—Holm & Olson, 96 points; L. S. Donaldson Co., 95 points.

Polyantha rose, any variety—Holm & Olson, 90 points; Park Floral Co., 87 points.

Climbing rose, any variety—N. Neilson, Mankato, Minn., 97 points; L. S. Donaldson Co., 84 points.

Specimen azalea, any variety—L. S. Donaldson Co., 94 points; O. E. Amundson, Minneapolis, 91 points; Holm & Olson, 86 points.

Specimen rhododendron, any variety—L. S. Donaldson Co., 92 points; Holm & Olson, 87 points.

Group of blooming plants—L. S. Donaldson Co., 90 points; Merriam Park Floral Co., 85 points; Minneapolis Floral Co., 80 points; Holm & Olson, diploma.

Carnations, white—L. S. Donaldson Co., White Enchantress, 92 points; W. Neilson, Mankato, White Wonder, 87 points.

Carnations, red—Bassett & Washburn, Chicago, Belle Washburn, 95 points.

Carnations, pink—N. Neilson, Rosette, 94 points; Pink Enchantress, 89 points; L. S. Donaldson Co., Pink Enchantress, 94 points; Winsor, 89 points.

Violets, single—L. S. Donaldson Co., 89 points.

Snapdragons—A. G. Goodrich (Webber, gardener), 95 points; Holm & Olson, 84 points; Holton & Hunkle, Milwaukee, Wis., 82 points.

Roses. American Beauties—Gust Rusch, Milwaukee, Wis., 96 points. Ophelia—Holton & Hunkle, Milwaukee, Wis., 95 points. Mrs. Russell—Holton & Hunkle, 96 points. Pink Killarney—Holton & Hunkle, 96 points; Gust Rusch, 92 points. Mrs. Shawyer—Gust Rusch, 90 points. Richmond—Gust. Rusch, 87 points. Killarney Brilliant—Gust Rusch, 92 points. Mrs. Taft—Gust Rusch, 95 points.

Ripe strawberries — Certificate of merit, A. G. Goodrich.

The meeting opened with President O. J. Olson in the chair. The speakers were Mr. Barrows, who spoke on the subject, "What Can the Professional Florist Do for the Amateur?" He was answered by August Swanson. President Theo. Wirth of the S. A. F. also spoke. Through the question box there was a discussion on the yellows in asters, and it was finally decided this disease was caused by climatic conditions. Sweet pea culture came in for its share, and A. Miller, of A. Henderson & Co., Chicago, gave a short talk on their culture, which was well received.

T. R.

RESERVOIR VASES

For Cemeteries, Parks and Lawns

MADE OF CAST IRON

The reservoir supplies the plants with moisture by capillary attraction.

Not necessary to water plants oftener than once in ten days.

We make nearly 100 styles, ranging in price from $6.00 to $100.00 each.

None better made. Send for catalogue.

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Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

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Dept. C. F., Springfield, Mass.

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Morehead Back to Boiler SYSTEM

The Morehead System removes all condensation from your steam lines—at any heat—returning it directly to the boiler and thus maintains proper drainage and perfect circulation. Consequently a steady, even temperature is assured. Get the complete information from our engineers. It's free.

WRITE TODAY—DEPT "N."

Morehead Mfg. Company

DETROIT, MICH.

159

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CATALOGUES

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Iron Reservoir Vases
— and —
Lawn Settees
The McDonald Foundry
Columbus, Ohio.
WRITE FOR CATALOG AND PRICES

Morganton, N. C.

Spring has come at last with a large and varied display of flowering plants, trees and shrubs. Crocuses have gone out of bloom. Jonquils, daffodils and narcissi are at their best. Hyacinths and tulips will soon make themselves gay with color. Jasminum nudiflorum, with its bank of gold, contrasts well with duetzia and spiræa, marble-like white. Pansies and violets are in bloom and Magnolia purpurea nearly in full bloom. Springtime has come in the orchard as well as in the garden. Peach, plum, apricot and cherry trees are in full bloom. Many plantings and sowings of vegetables have been made; cabbages were set out February 28 and early garden peas sown; beets, radishes and onions sown March 15-17; Irish potatoes planted March 24-25; sweet potatoes bedded April 6. Early snap beans, potatoes, peas and onion sets can be planted here almost any time after February 15, the earlier the better.

It is not many days hence to the time when one can confidently prepare for work outside in the flower garden, as the greenhouses soon become too warm for many plants. Work is progressing in renovating old and making new lawns, terraces and walks and preparing the flower beds and borders for planting time, some of the hardier plants being already out. Yet this spring has been a month later than common for we had snow April 3, also frost April 4. J. B. P. M.

Worcester, Mass.

STORM HOLDS EASTER SALES AT AVERAGE.

The local florists report a satisfacisfactory Easter trade, notwithstandthe inclement weather. Some dealers had visions of broken records, but they were put to rout by the storm of the day before Easter. The sales and the prices were about the same as other years, while there was a sufficient supply of both plants and cut flowers. All bulbous stock was popular. There was quite a demand for cattleyas, which made them scarce. Many downtown department, grocery and hardware stores carried Easter lilies, and there were a few out of town people who reaped a harvest by hiring empty stores for the week, and who pulled up stakes and departed immediately after Easter.

R.

MONTREAL WEST, ONT.—R. Scott is enlarging his range here.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

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GREENHOUSE LUMBER

1866—1914
"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
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SQUARE RED CEDAR POSTS.

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Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

Lot No.
XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½. 100 running ft. ..... $ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½. 100 running ft. 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas. 27.00
XJ-45—Standard Hot Bed Sash, 1¾-in. x 3 ft. x 6 ft., without glass, 12 or more, each. ..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each. 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll. ..... $1.90 to 1.13
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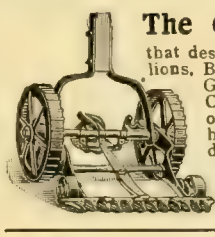

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Model Extension Carnation Support.

Made with two or three circles. Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.
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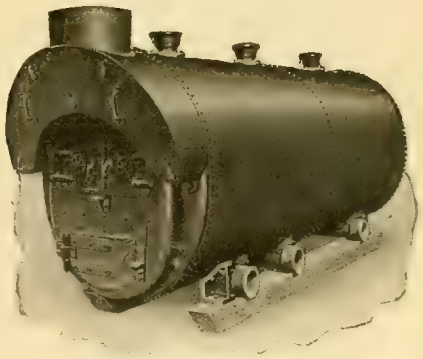

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2000	1¾-in.,	crate, $6.00	456	4½-in.,	crate, $5.24
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STANDARD AZALEAS PANS

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Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST

¾-inch.	per ft.,	15 c
Reel of 500 ft.	"	14½c
2 Reels, 1000 ft..	"	14 c
½-inch	"	13 c
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Couplings furnished.

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The Insecticide that kills plant Lice of every species

The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
Quart, $1.00. Gallon, $2.50.

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An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
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A soil sterilizer for cut, eel, wire and angle worms.
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Quart, $1.50. Gallon, $4.50.

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EVERY GENUINE TIN, BAG & SEAL BEARS THIS TRADE MARK

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Bright Red Color

POROUS and STRONG

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Our **Vine, Plant and Vegetable Manure** is unrivaled for all fruit bearing foliage and flowering plants, lawns, vegetables etc. etc.
Our **Special Chrysanthemum and Top-dressing Manure** is an excellent stimulant for all pot plants during the growing season
Sold **by All Leading American Seedsmen;** freight paid on quantities; liberal terms to retailers; write for our Special offer to the American trade; agent's circulars, pamphlets, etc, to sole makers:—

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For sale by Wholesale Seedsmen, Florists and Supply Dealers.
Price, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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Diller Caskey & Keen..... IV
Dorner F & Sons Co 693
Dreer H A III 672 693 710
Duerr Chas A..... 692
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Edwards Fold Box. 712
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Hill D Nurs Co..... 700
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Smith W & T Co... I
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Storrs & Harrison 697 699 701
Stumpp G E M 691
Superior Machine & Boiler Wrks 707 709
Swain Nelson & Sons Co..... 700
Syracuse Pot'ry Co. 710
Thompson J D Carnation Co....I 702
Thomson Wm & Sons..... 711
Thorburn J M & Co 695
Tonner O A..... 676
Totty Chas H 701
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Vaughan A L & Co. 679
Vaughan's Seed Store I III 695 701 702 710
Vick's Sons J..... 696
Vincent R Jr & Sons Co..... I
Wagner Park Cons. 700
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Walbridge & Co.... 708
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Zech & Mann...679 681
Ziska Jos..... 681
Zvolanek Anton C.. 697

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Are positively the best. Last forever. Over 30,000 pounds now in use. sure preventative of glassslipping. Effective on large or small glass. Easy to extract Two sizes, ½ and ⅝, **40c** per lb., by mail 16c extra; 7 lbs. for **$2.50** .5 lbs..for **$5.00**, by express. For sale by the trade

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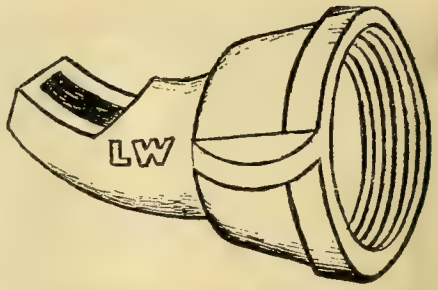

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No loss if you mend your split carnations with **Superior Carnation STAPLES** 35c per 1000; 3000 for $1.00. Postpaid.
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Can't get along without them. J. L. JOHNSON.
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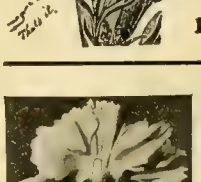
Galesburg, Ill.



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IS WITH
SUPREME CARNATION STAPLES
No Tools Required
35c per 1000 $1.00 for 3000
Postpaid Sample Free

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Change of Name
—OF—
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—TO—
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We manufacture all our
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PRICE, $3.00,
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AMERICAN FLORIST CO.

440 S. Dearborn Street,
CHICAGO.

THE AMERICAN FLORIST

America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas."

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

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CHRYSANTHEMUM SOCIETY OF AMERICA.

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AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer

Mothers' Day Flowers.

THE AMERICAN FLORIST FIRST TO EXPLOIT THIS NEW FLOWER DAY, ISSUE MAY 16, 1908.

More Popular Each Year.

When Miss Anna Jarvis desired to set one day each year apart in memory of her mother, who had passed away and to also wear a white carnation, as this had been her mother's favorite flower, she did this for her love and almost worship of her mother. Later, she thought that others would like to honor their mother in this way, and finding the idea popular wherever mentioned, she soon had a large following. Then came the church observance, followed by proclamations of mayors of cities and governors of states and the action of congress naming the second Sunday in May the day for its general observance as Mothers' day. The custom has now become universal, the second Sunday in May, the day selected by Miss Jarvis, is now recognized all over the land as "Mothers' day," and flowers of all kinds are worn in honor of the best mother who ever lived—your mother.

The foundation of this floral festival day has been a great boon to the florist's business, as his products are so necessary for its proper observance. Miss Jarvis might have remembered her mother's birthday in many other ways but she chose to wear a carnation or bunch of them because they were her mother's favorite flower. While the custom has become an annual event in many places, yet it is not nearly as general as it might be made. Were the florists all over the country to encourage the observance of this day and work for it with a will, showing what a beautiful custom it is to honor the memory of mother by wearing and sending flowers, if living, and to visit and deck with flowers her tomb or grave if she has passed away, the beautiful custom would grow and increase with its own impetus until the second Sunday in May would become the greatest cutflower day of the year. How this should be done is best seen by what efforts have been made and the results obtained through the co-operative plan already worked out by the trade in Cleveland and other cities. Their full page, well written advertisements calling attention to the beautiful custom were very striking. The idea was new to the great majority of people, but that it was well received is seen by the general immediate response that came in the orders for flowers to the florists who had the courage to push the observance of the day. Were such movements as this, or appeals on similar lines, made to every community, combined with individual efforts by circulars to one's trade, calling attention to the importance of the day, there would unquestionably be a great impetus to the business and an important step forward would be taken.

Enthusiasm and belief in the importance of the day are necessary to the florist who is to be a factor in extending the custom and reaping the benefits. One must be enthusiastic about anything to give it his best attention. So it is with Mothers' day, one must have faith in it, then he will of his own initiative, as the time approaches, work it up, get his trade in line, tell them about it in a well-chosen letter, plan out an early window decoration which will attract attention and get people talking about it. Well written or printed cards used in the display will help, as will pictures of mothers' influence, as seen in the copies of the celebrated Hovenden painting, "Breaking Home Ties," and other examples that are easily obtained at the art stores. Encourage the use of all flowers in any color. It is not possible to get enough white carnations, if these flowers alone are to be used, so talk just flowers, all kinds and colors, and keep the white carnation feature in the background. See the churches and Sunday schools, quote low prices on quantity lots; each child should wear a flower, which they can receive as a gift from the church. The more general the custom becomes, the faster its observance will spread, until to be seen on the street on that day without a flower will look like disrespect to one's mother, which is not to be thought of by any self-respecting man or woman.

Since the movement has been well received by the public, the press has taken it up, and about this time give

columns of interesting reading matter relative to the observance of the day. The importance of wearing flowers is a feature of nearly every article, and what this or that city or state official has to say on the subject, as well as their proclamations referring to its observance, are quoted entire. Here is an opportunity to fix permanently another great floral holiday. Many outside influences are working it up, the memory of the mother love and the delight in honoring her in this way being the main factors. Flowers carry sentiment; they are worn in honor of and bear love to the mother who can enjoy them, or are tenderly placed on the grave of the one who has passed away.

Crocus Susianus.

Although not a flower that everyone would care to grow, this charming little crocus is a great favorite with many. It is frequently referred to as Cloth of Gold, but it is necessary to see its flowers fully opened to recognize it by this name. To the writer the blossoms of this crocus are most pleasing before they open wide, i. e., just as they push up from the rather inconspicuous tuft of delicate green leaves. When in this condition the beautiful markings on the outsides of the floral segments are seen to the best advantage. These take the form of perpendicular blotches of deep glossy bronze maroon, one to each segment, and between these blotches the orange yellow basal color shows itself in a most attractive manner, according to a correspondent of the London Garden. This little crocus is a native of the Crimea, and although it has been known in this country for a long time, it does not appear to have made any great headway in popular favor. It opens its blossoms during the early part of February, and this year one plant in my garden was flowering before January had departed. It is one of the best crocuses for planting in grass, but, like all of its kin, it should be given a sunny position. Grown in shallow pans or pots in a cold frame or a quite cool greenhouse, it is a charming little plant for indoor decoration, where its rather delicate beauty can be developed to the full without fear of injury by birds or uncongenial weather. In common with most, if not all, other crocuses, it will not stand hard forcing; it should be allowed to develop under as natural and cool conditions as possible. Corms can be purchased very cheaply, and it is not yet too late to plant, though the earlier they are put in the better.

HAVERHILL, MASS.—In spit of dull times an excellent spring business is looked forward to by W. F. Abrams. Easter sales this year showed an increase of 20 per cent over the 1914 period.

BATTLE CREEK, MICH.—The Battle Creek Sanitarium Co. is launching three distinct and new horticultural movements, which will mean, first, the putting up of cash prizes to the amount of $100 by the sanitarium for better lawns and gardens in the west end of this city; second, the raising of flowers as a pastime and a health measure by its patients this summer, and, third, free garden plots, all nicely plowed, harrowed and all ready for planting, for its employes.

THE RETAIL TRADE

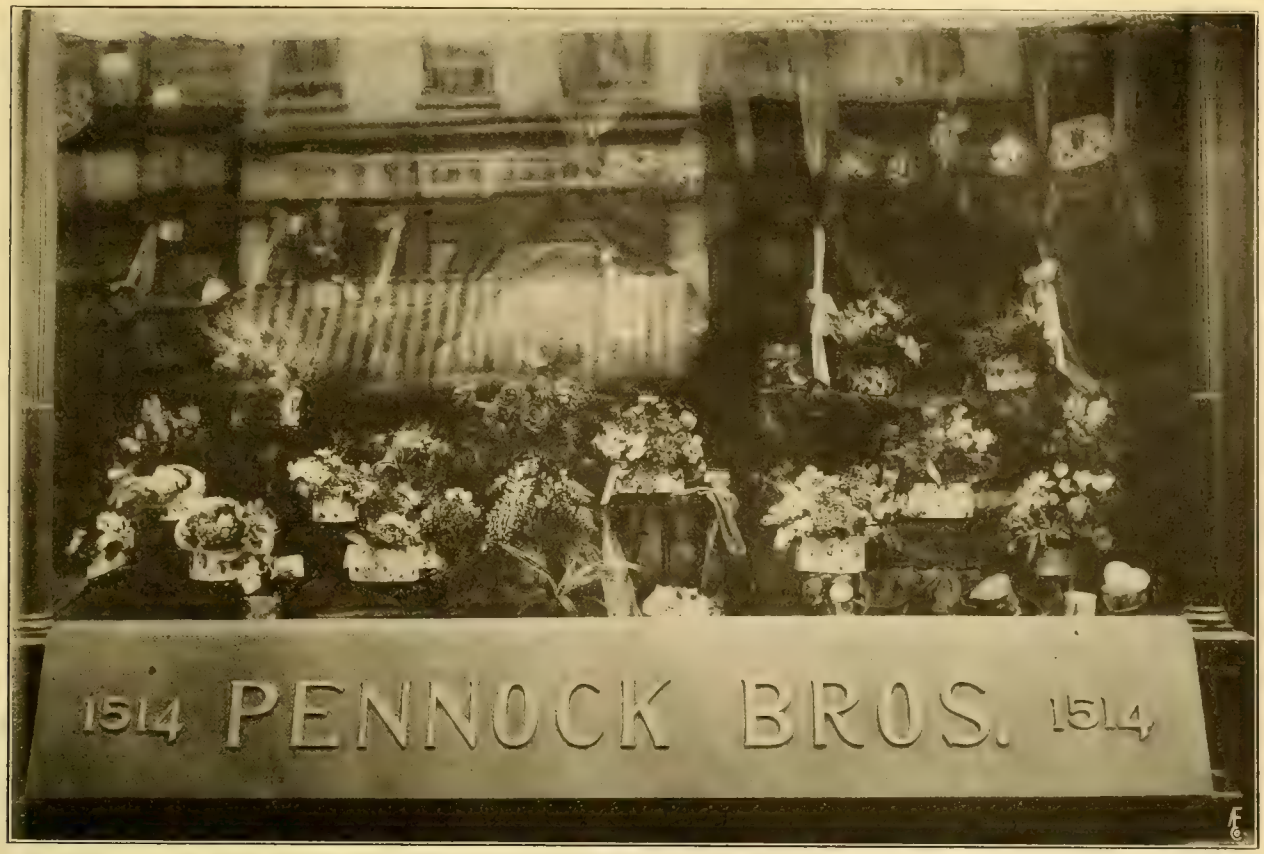
Conducted by Robt. Kift, Philadelphia, Pa.

Pennock Brothers.

This thoroughly up-to-date firm has a long record of achievement. It was founded in Philadelphia in 1864 in a small store and greenhouse at No. 10 South 12th street. A business of selling plants and trees on market days at the market houses then in the center of Market street, had been carried on for some time by Abram L. Pennock, who thought there was an opening for a store for every week day and demand enough for cut flowers, so that it would pay to carry a stock. It proved profitable from the start. Thomas Cartledge was placed in charge, and as the business grew he induced John Westcott to come over from Brooklyn to help him. Some years later, about 1870, they were given a half interest in the business, the other half being held by Mr. Pennock and his son, Herbert, who was installed as bookkeeper.

The business grew rapidly and in 1875 the property at 1514 Chestnut street was purchased and rebuilt with a commodious store and greenhouse, where the business has since been carried on. Herbert Pennock and John Westcott withdrew from the firm some 20 years ago. At his father's death, A. B. Cartledge, who had been for some years connected with the business, succeeded to his interest and Mr. Pennock retired in favor of his son, Lidden Pennock. These two live wires now comprise the firm, and under their management the business has increased wonderfully in the past few years. Improvements have been made from time to time to the building, the most notable being that of last season, when the interior was entirely refitted, the feature being a new flower case or refrigerator, that excels anything so far built for the purpose, that it is in a class by itself. It is very ornamental and eminently practical, having every improvement that the best machanics could suggest for maintaining the proper temperature. This was not allowed to interfere in the slightest with its appearance as a display case for flowers; no pipes of any kind are visible or anything suggesting the refrigerator. The case as seen in the accompanying illustration consists of nine compartments, each four feet wide, three feet in depth, and six in height. The floor, or bottom, is of Pittsburgh marble or heavy white plate glass. This has the slightest fall, or slant, towards an opening or gutter in the rear, which carries off any condensation or drip. The various compartments are divided by plate glass partitions so that different temperatures can be maintained. The varying degrees are obtained or regulated by opening or closing a door about six inches in width, which runs the length of each compartment in the rear, and top of the case at the bottom of the ice chamber. A two-ton ice machine in the basement freezes the water in the tanks which are contained in the compartment above the case. The machine is not automatic, but usually from one to three hours daily running, according to the weather, is sufficient. It is so arranged that in summer, when the whole case is not in use, any portion may be shut off. The bottom of the case is about 18 inches from the floor. The woodwork is mahogany, with marble facing at the base. In the base are three large drawers, in which are kept ferns, leucothoe and other green goods. Nickeled brass rods from front to rear, support nickeled brass shelves, which slide, so that it is possible to arrange for all lengths of flowers and also display the stock to the best advantage. The doors are all of one pane of plate glass, and made to raise; they work very easily, being balanced with sash weights. The ice chamber in the top of the box, is finished with ornamental woodwork and mirrors, making the whole a splendid example of cabinet work. Cold air from outside is admitted to the top of the case through the ice chamber when desired.

FLOWER CASE AT PENNOCK BROS'., PHILADELPHIA, PA.



PENNOCK BROS.' SHOW WINDOW, PHILADELPHIA, PA.

In the arrangement of flowers in the case, a section is given to American Beauty roses, two or more to the teas, two or three to orchids, violets and lily of the valley, one to snapdragons and others to carnations. In one is generally found made up baskets, examples of which work are always on hand ready for instant delivery. Each section is illuminated with an electric light, which is concealed in the top of the case. The store is also first class in all its other appointments. Mahogany tables with mable tops are used to display vases of flowers and examples of made up plant baskets and other work. A ladies' desk in front and a double standing desk in the rear, adjoining two closed telephone booths, are up to date in every respect. The greenhouse, the width of the store, presents an inviting view, in the rear, being always kept filled with choice flowering and foliage plants.

The floor of the store is of mosaic marble, and the lighting arrangement the latest in indirect electric fixtures. The show window, fifteen feet in length, is a most important feature, being at all times one of the show sights of the city. Plans for these displays are made weeks ahead, the firm believing this to be their most effective form of advertising. The illustration is of their valentine decoration, but does not do it justice, on account of the very prominent reflection from the other side of the street. Their delivery service is most modern, there being one Cadillac and one Winton car, both with limousine bodies; also, a Buick and a Ford, with distinctive bodies. These, with a large corps of uniformed boys, make their delivery service thoroughly efficient.

The founder of this house, Abram L. Pennock, is still enjoying a hearty old age, spending the winters in Florida, where he has just celebrated his 87th birthday. K.

Dressing Store Windows.

The importance of the store window as an advertising medium and business bringer can scarcely be overestimated. A place of business on any city thoroughfare is passed daily by thousands of people, in central shopping districts by tens of thousands, a great percentage of whom are possible customers, people that buy flowers once in a while; some but seldom when occasion requires, and others according to their circumstances, who can satisfy their desires, and who have been known to buy flowers when their attention was called to them by a beautifully arranged window. An advertisement in a paper of large circulation, from two to three hundred thousand copies a day, is seen by but comparatively few people; half the readers but skim over the headlines and take up the details of what interests them. Advertisements have to be very conspicuous to be even noticed and are very rarely read by this class. It is the same with show windows. Most of the people who pass have their minds on their journey or something else, and the window must be made especially attractve to get even a look. Once the display begins to draw, however, if it has merit, it will hold the crowd. One or two persons in front of a window invariably draw others, these move on and often carry the story with them, the telling points of which are repeated to others, thus adding to the fame of the house.

WINDOW ADVERTISING.

How to make the most out of this window advertising is a problem that deserves more attention than any other feature of the business. Here is reflected the character of the establishment; the high or low grade of its work and its class as a store is determined by the display made. The flowers, or the work that is offered to the public through this medium, determines to many whether they will find here what they want. There are no set rules to regulate the arrangement of a window, scarcely any two being exactly alike. The most desirable are those with the bottom within a foot or eighteen inches of the pavement. Such can be arranged low or made higher by the addition of moveable platforms which admit of great variety in the displays. There should always be a set of stands with good solid bases, some ornamental enough to be shown alone, and others to be covered with the velvet or other background material. A line of velvets of various lengths the width of the goods in various colors, are almost indispensable, being of great assistance in color effects and giving as well, an air of elegance to the work. While many decorative effects are made not to be disturbed for several days, it is well if possible to at all times include a priced article, a made up basket or choice plant or two, or vase of roses. The price is the silent salesman that is always working, making many a sale that otherwise would never have appeared on the books.

SPECIAL FEATURES.

A decoration featuring one kind of attractive flowers or plants, or a lot of one kind of baskets, filled and unfilled, with a conspicuous price card, always pulls. It specializes, calls attention to one thing, concentrates the mind, all the good points are seen,

nothing else to attract or draw attention from the point you are making. This is good advertising. When American Beauty roses are cheap fill the window with them; a large vase full, a box or two nicely packed, an empty box or two tied up with a bow of Beauty ribbon, all of which will make an effective window. This is to be done as the full crop is coming and before the street men offer them six for a quarter.

Make a violet window, an elaborate corsage or two of violets, with gardenias, nicely ribboned, placed half out of a box, is sure to be admired. A lot of violet or corsage boxes with a few bunches of single and double violets will make a very distinctive window. When daffodils first begin to get plentiful, an inexpensive and showy window may be made with little trouble. A lot of small baskets that may be sold for a dollar, complete, together with others for higher prices, can be made attractive and profitable.

HOLIDAY DECORATIONS.

At times like Easter and Christmas the windows should be arranged for the week, not to be disturbed until possibly the stock running short on the last day, the display may be drawn on for orders. In all window display, particularly where the plant or flower or made up work is featured, a display card with a brief description and price should occupy a prominent place. Lighting the window is an important matter. The source of light should not show. Electric lamps placed high along the ceiling of the window, with the proper reflectors, are very satisfactory. Movable electric letter signs to place in the window, that flash, are very effective at night. Any word can be spelled out and the sign changed as frequently as desired. Keeping the windows illuminated after the store is closed is worth much more than the value of the cost of lighting. People have more leisure at night, and the brilliantly lighted window is much more attractive than during the day, particularly on the north side of the street. A time clock key or a watchman will turn the lights off at any hour. K.

TELEPHONE BOOTHS AND CARD DESKS AT PENNOCK BROS'., PHILADELPHIA, PA.

Decorated Automobile of Malandre Bros.

The accompanying illustration shows the decorated automobile entered by Malandre Brothers, the prominent Broadway, New York, retailers, that captured the blue ribbon and medal for the best decorated car in the Tricentury celebration, New York, October 28-31, 1914. The color scheme was orange, and natural chrysanthemums were used, regardless of cost. The hood was covered with miniature oranges. On close observation it will be noted that boxes of growing oranges and crotons are on the steps. Interspersed among the flowers and foliage were hundreds of miniature electric lights.

A. F. F.

PLANT NOTES.

Asters.

The early and midseason asters should be planted out as early as the season will allow. If the plants are hardened off for two or three weeks in a cold frame and gradually given night air as soon as safe, they will endure the outside temperature much better than those carried directly from the warm greenhouse. The land should be prepared at once, and while asters will grow on almost any piece of ground the success or failure depends much on the proper preparation of the soil. Land that was manured last fall and plowed is by far the best, and all that will be required in the spring is a shallow plowing or disking and then leveled. It is well not to level off too large a tract at once, for heavy rains occur at this season which pack the soil down hard. Before planting give the young plants a thorough watering and if in boxes or the bench cut through the rows with a knife a day before planting. Lay the field out in rows from 15 to 20 inches apart, giving the branching varieties the greater distance, with a wider space every fifth or sixth row to provide a walk when cutting the flowers, and set the plants from 12 to 18 inches apart. Plant with a trowel, for the plants set in a dibbled hole will not take hold as quickly, and with the early asters the slight difference in time taken in planting is more than made up in the early blooming; the dibble packs the soil around the plant and the roots do not grow into it as freely, and the roots are also contracted in the small hole made by the dibble. As soon as the field is planted, if possible, give the plants a good watering and then cultivate lightly with a wheel hoe to loosen up the soil.

Callas.

As the summer weather approaches the callas will cease producing flowers and will require a rest to prepare them for another year. They should

INTERIOR VIEW, PENNOCK BROS'., PHILADELPHIA, PA.

AUTOMOBILE DECORATED BY MALANDRE BROS., NEW YORK.

be dried off gradually until they become "dust dry," when the roots will be thoroughly ripened. If watered the calla will grow all the year round, but plants grown in this way will not produce as many flowers as those that are rested. Those grown in pots can be laid on their sides in the greenhouse until all danger from freezing weather is passed, when they can be removed outdoors, still placing the pots on the side in full sunlight. Those grown on the bench can be lifted with as much soil as possible and placed under the bench, where they will dry out gradually, and later planted in the full sun outside in a dry location, and as soon as thoroughly ripened, shaken out and stored until wanted to start for another season. The yellow calla, Richardia Elliottiana, is being grown more largely and the blooms have been used the last winter in many elaborate decorations. The culture of these is in pots and similar to the older varieties.

Rambler Roses.

The rambler roses for Memorial day will demand constant attention, for at this season of the year aphis and red spider accumulate very rapidly if the conditions are propitious. It is far better to keep these insects down by proper culture than to be obliged to resort to measures to kill them. Give the plants all the ventilation possible, but drafts will often cause mildew on the soft foliage, so these must be guarded against especially, and low ventilation, such as open doors with the wind drawing through the houses. Syringe thoroughly on bright days. There is no better prevention for red spider than a good syringing that will reach the under side of the leaves, which will quickly break up the colonies of spiders that gather there. If the plants require fumigation it should be light, for often the young foliage is very tender and heavy fumigation with smoke quickly burns it. Where the pots are full of roots a watering with liquid manure or a mulch of sheep manure mixed with sifted soil will be found very beneficial and will add a lustre to the foliage and deepen the color of the flowers.

Primulas.

For plants of both P. sinensis and obconica for blooming next spring May is the best time to sow the seed, which germinates very readily at this time, but if this is delayed until June it will often be found quite difficult to get the seed to start well, and as the young seedlings grow very slowly they will require constant attention during the warm weather, for a few hours' sun when they are dry will cause the loss of all the plants. The soil should be sifted in a fine sieve as the seed is very small and they should not be covered with the soil, but sown thinly on the soil when loose and then pressed flat with a board. Watering should be done with a very fine rose on the can so as not to wash the seeds or soil. At this season of the year the seed will germinate readily in almost any greenhouse, but it is well to cover the seed pan or box with glass to prevent too rapid evaporation and until the plants begin to make growth keep the pots well shaded. Many growers wrap a piece of paraffine paper around the glass that is placed on the seed pan. This allows plenty of light to germinate the seed and will prevent the direct rays of the sun from burning up the young seedlings when they start to grow. As these young plants grow very slowly some soils will often become caked or scaly,and if this occurs the top should be carefully broken up to allow the air to enter. As soon as three or four leaves are formed pot in 2½-inch pots, not too deeply, but yet deep enough to have them stand erect. They should then be placed in a cool house and much of the success of their culture depends upon the care and watering in their early growth. They are a moisture-loving plant and should never become dry, yet they are easily over-watered and will not make a good growth if continually kept soaked; frequent and light waterings are the best. A lightly shaded frame with the pots plunged in the soil and the sash lifted at top and bottom for a free circulation of air is the best location for summer culture.

Pansies.

The sale of pansy plants will soon be at its height and there is nothing that the florist or grower sells upon which more time is wasted than in selecting a small order of pansies if the customer is shown a frame of a few thousand plants. The better way is to have boxes or baskets holding a dozen plants all made up for the customer. It is not necessary to put up more than will be required for one or

two days' sale, but as fast as sold keep the stock replenished. There are many patrons who will be well satisfied with a good selection already placed in a basket who will take an hour of a salesman's time in making their choice out of a frame. Any late seedlings should be planted in the frames at once, and these will make fine plants for late May of June planting when the older plants are either sold or have become too large for bedding purposes.

Marguerites for Winter.

To have good marguerites for winter flowers the plants must have a good start in the spring. For large plants the stock should now be in 2½ or 3-inch pots and growing vigorously, but if the cuttings have not been made they can now be propagated in a cool bench and good-sized plants grown, or stock should be secured at once. Do not allow these plants to become pot bound, but shift them into 4-inch pots as soon as they require it and pot very firmly. Keep the plants pinched back that they may branch more freely and keep all flowers and buds picked off. For many years these plants were grown in the open ground, but in some localities they have been attacked with a club root in field culture and inside culture has become necessary for success. A cold frame in which the pots are plunged is the culture successfully practiced by many growers. In late summer they should be potted in large pots, 8-inch or 9-inch, or planted in the bench in good rich soil, so that they will be well established for fall and winter flowering. The plants grown in pots are more prolific in flowering and the size of the flowers can be maintained with liquid manure. Aphis should be kept down by fumigation and the leaf miner is a very destructive insect if once firmly established, but persistent spraying with strong nicotine solution will eradicate this pest.

PARTIAL VIEW OF V. BEZDEK'S RANGE, WILMETTE, ILL.

A. T. Pyfer & Co., Chicago.

The firm of A. T. Pyfer & Co. was incorporated for $5,000 on February 27, 1915, and took over the entire wholesale commission business of the Chicago Carnation Co. on March 1, and is now conducting the business under its own name at 30 East Randolph street in the quarters formerly occupied by the old concern. The officers of the new corporation are well and favorably known to the trade, and are H. E. Philpott, president; V. Bezdek, vice-president; Miss Nettie L. Parker, secretary; A. T. Pyfer, manager and treasurer, and Peter Olsem, chairman of the board of trustees. A. T. Pyfer was in the employ of the Chicago Carnation Co. for 14 years, and acted as manager for many years and up to March 1, when the firm which bears his name took possession. Peter Olsem was superintendent of the same firm's greenhouses at Joliet, where he was employed for 12 years, and later resigned to assume charge of the Pyfer & Olsem range at Wilmette, which was purchased two years ago. Miss Parker formerly kept the Chicago Carnation Co.'s books, and is acting in a similar capacity for the new firm, in which she is a stockholder. V. Bezdek of Wilmette has a large range of greenhouses devoted to carnations and sweet peas, and H. E. Philpott is financially interested in the Pyfer & Olsem range at Wilmette, so the new firm consists of well experienced help and is thoroughly capable of conducting the established business that it has taken over.

The entire output of the Pyfer & Olsem and V. Bezdek ranges at Wilmette will be handled exclusively, as well as a good supply of stock from other growers located in the immediate vicinity of Chicago. The Pyfer & Olsem range consists of 125,000 feet of glass and is devoted mainly to roses and carnations. White Wonder, White Enchantress, Enchantress, Gloriosa, Peerless Pink, Herald, Benora, Conquest, Yellow Prince, Pocahontas, Enchantress Supreme and Alice are the principal varieties of carnations grown and in roses Richmond, Killarney, White Killarney, Killarney Brilliant, Sunburst, Mrs. George Shawyer and Mrs. Chas. Russell. A few sweet peas and miscellaneous stock is given bench space, but the greater part of the range is planted to roses and carnations.

The Bezdek range, located a short distance from the Pyfer & Olsem range, consists of 60,000 feet of glass, and at present is planted to carnations and sweet peas. Only five varieties of carnations are grown at this establishment, which is remarkable when one considers that the entire place, with the exception of a few houses, are planted to them. Pink Enchantress, White Enchantress, Victory, White Wonder and Pink Delight are the varieties, and were selected only after a thorough test, when Mr. Bezdek decided that they were the best paying five. A large quantity of Zvolanek's orchid flowering sweet peas are grown and the crops are a great sight to see at present. Dietsch material has been used in both ranges, and it seems as if the A. Dietsch Co. is pretty well represented in Wilmette, for there are quite a number of ranges built by them located in this vicinity. While A. T. Pyfer & Co. is considered a new house, it is really an old organization as far as the management of the wholesale store is concerned, and there is no question but what their many customers will be given the same honest and courteous treatment that they have been accustomed to receive in the past.

KANSAS CITY, KAN.—Roses and lilies will bloom on the Kansas side this spring and summer. The civic department of the Council of Clubs supplied 1,200 persons with bulbs April 1, and could have supplied twice that number had they had the necessary flowers.

PARTIAL VIEW OF PYFER & OLSEM'S RANGE, WILMETTE, ILL.

H. E. Philpott.
President of A. T. Pyfer & Co., Chicago

A. T. Pyfer.
Mgr. and Treas. of A. T. Pyfer & Co., Chicago.

V. Bezdek.
Vice-President of A. T. Pyfer & Co , Chicago.

San Francisco.

ALL STOCKS MOVE SLOWLY.

The trade has just experienced one of the best Easters in the history of this city. Most of the florists expected a largely increased call for Easter flowering plants and their expectations were justified, for never before has the call for pot stock been so heavy. The call seemed to be for moderately priced stock. Great quantities of ramblers, rhododendrons, azaleas, spireas, hydrangeas and bulbous stock were disposed of. The demand for cut flowers was not very brisk, but the shrewd retailers seemed to know this beforehand and made every effort to push the sale of plants. Lilies were not in over supply and brought very good prices. Roses moved fairly well, as did orchids. Since Easter, trade has taken quite a slump and prices on all stock is ruling very low at present writing. Carnations, with the exception of Gorgeous, are a glut. Roses, too, are in the same condition. There are all kinds of tulips and other bulbous stock, but bring very little. Violets are still to be seen, but their day is passed. Outdoor roses, such as Ulrich Brunner and Cecile Brunner, are coming along in large quantities. Lily of the valley is plentiful and so are freesias. Peonies are also in abundance. Since Easter, pot plants are moving slowly. Some Spanish irises are making their appearance, but like all other bulbous stock, do not meet with much favor. Orchids are about the only flower that are not in over supply. Ferns and all other greens of the new crop are abundant and cheap.

The last meeting of the Menlo Park Horticultural Society will always be looked back to as one of the most prominent ever held by that enthusiastic group of horticulturists. Lester L. Morse, president of the American Seed Trade Association, and also president of the American Sweet Pea Society, and Frank G. Cuthbertson, assistant secretary of the American Sweet Pea Society, were guests of the members. Mr. Cuthbertson read a paper on sweet peas that created a profound impression on the members. The splendid way in which he treated the subject shows him to be among the foremost authorities on this flower. After the reading of the paper he invited the members to ask any question which they might have in mind, and during the discussion which followed a great number of points were brought out which were entirely new to local growers. Mr. Morse gave the society an impromptu talk on the early days of the sweet pea in this state: Of how, from a very small beginning, it has grown to such enormous proportions as it has at the present time. It is only on very rare occasions that a horticultural society is fortunate enough to have two world-wide authorities address it on the same subject during the same evening. A hearty vote of thanks was accorded the two gentlemen. The floral display was very excellent. The awards were as follows: D. Bassett, azaleas 95 points; A. Bearsly, Carnation Gorgeous, 85 points; P. Ellings, Carnation Gorgeous, 80 points; D. Y. Slade, tulips, 85 points. The schedule, as reported by the secretary, has been mailed to all for the show next month.

Miss Nettie Parker.
Secretary of A. T. Pyfer & Co., Chicago.

Peter Olsem.
Supt. of Pyfer & Olsem's Range, Wilmette, Ill.

Miss E. Worn, the junior member of the firm of the Misses Worn, passed away at the Adler sanitarium in this city last week. Before the fire the deceased conducted a store on Post street, near Kearny, and was a member of one of the most prominent firms in this city, catering to the exclusive trade. Since the fire the headquarters of Miss Worn has been San Anselmo, from where she directed her large decorating trade in this city. Miss Worn was a woman of very gentle disposition, and the utmost refinement. The sympathy of the trade is extended to her bereaved relatives.

Saturday, April 3, was "lilac day" at the San Mateo County exhibit at the Panama-Pacific exposition. Headgardener Andrew McDonald put up a splendid show of this popular spring flower. He had four large designs made of wire in the shape of this shrub. Each frame was six feet high and was so arranged that the branches held water tight cornucopias. When finally arranged they had the appearance of splendid specimens of the different lilacs and appeared to be perfect specimens. Mr. McDonald was the recipient of many congratulations for his unique exhibit.

A novelty to the trade in this city is the silver pink snapdragon, the winter flowering one, which the Lynch Nursery Company of Menlo Park, Calif., has been sending into this market. It has met with a ready sale as the stock is excellent. Superintendent Ellings says the chrysanthemum trade is opening up in fine shape.

This firm lists more chrysanthemums in their catalogue than any other firm on the coast and are also distributors of Elmer D. Smith & Co.'s and Chas. H. Totty's novelties.

The floral festival held by the city of San Leandro closed Saturday night after three days' duration. One of the exhibits that attracted popular attention was the very complete collection of wild flowers of this state, which were on view. It seems that no city of any pretense whatever can get along without their floral festivals in recent years. A very healthy sign which we hope they will maintain.

George A. Dennison, chief of horticulture for the Panama-Pacific exposition, announces that the space allotted the state of Kansas in the Palace of Horticulture has been given to Fresno county. The state of Kansas was unable to secure the appropriation expected so Geo. C. Roeding, "the man that made Fresno famous," is going to show what that wonderful county can do in the horticultural line.

Luther Burbank is spending a few days in this city taking in all the horticultural objects of interest at the exposition. Mark Ebel, of Sacramento, is also among us. He reports Easter business as very disappointing and not in any degree up to expectations. As Mr. Ebel is the owner of the largest store in that city, his remarks can be taken as applying to the trade in general in his town.

The postponed meeting of the Pacific Coast Horticultural Society was held April 10, in the Redmen's building. As several important matters were to come up, the attendance was very good. The various committees in charge of the convention in August reported much progress. There were many out of town members in attendance.

J. Fiske, landscape architect for the Hillsborough Nurseries at Burlingame, Calif., reports a very busy season. The greenhouse department of this firm, of which Martin Poss is superintendent, is sending some splendid roses into this market. The Easter lilies he supplied to the trade in this city would be hard to beat.

The window decorations of the Pelicano, Rossi Co. during Easter week were very beautiful. The windows were arched with magnificent plants of the different baby ramblers, azaleas, spireas and bulbous stock. Podesta and Baldocchi and the Art Floral Co. used roses largely, as also did Joseph.

William Eldred, for many years superintendent for William H. Crocker at Hillsborough, has resigned and gone into the landscape business. He already has several large contracts on hand. Mr. Eldred is very popular among the trade and has the best wishes of all for his success.

Eric James had the finest lot of rambler roses he ever grew for Easter. His ericas, spireas and azaleas were also splendidly grown. He reports a general clean-up all around of the various Easter plants he grew.

Kenneth S. Murray, one of our leading rose growers, advises that he is going to hold over his rose stock another season. He recently installed an oil-burning heating system and is very well satisfied with the result.

John Jack has been appointed on the landscape staff at the University of California at Berkeley. John is well known as the treasurer of the Pacific Coast Horticultural Society.

The floral festival of the city of Santa Rosa, the home of Luther Burbank, will be held in May. Walter Nagle will be in charge.

Bob Neal has resigned his position as head of the greenhouse department of the exposition and has departed for Seattle. G. N.

Toronto.

BETTER TRADE CONDITIONS NOTED.

A better market is being experienced locally. Trade for the past nine months has been considerably behind, not only in the florist business, but in general lines, only the firms working for the war department having any reasonable business. Easter cash sales were about the same as in 1914, but big buyers and good charge accounts were few and far between. This naturally showed a decrease in the sales. The past week has shown more activity, and now that people here are becoming more accustomed to conditions, it is expected that business will again become normal. The bright, cool weather has had a good effect on the stock, and everything with the exception of violets, is of the highest quality. In roses, Richmond, Russell, Shawyer and Sunburst are producing specimen blooms and Killarneys also show excellent qualities. Carnations are the very finest, and although some growers report a short crop, there is still enough to go around. Orchids, which have been very plentiful, have now shortened up. American Beauty roses, which have been off crop since Christmas, are again plentiful. Snapdragons, irises, mignonette are all of good quality. Longiflorums are overplentiful. Very fine sweet peas, both of the orchid and Spencer varieties, with 18-inch stems, are fairly plentiful and sell readily. Glass, having advanced to $8 per box, is curtailing building operations here.

NEW FLORISTS' ORGANIZATION.

A new organization, to be known as the Ontario Florists' Association, is the latest. There will be both growers' and retailers' sections, and the aim will be towards harmony and better feeling amongst florists. There is a possibility of opening a wholesale and retail supply house, which, under the management of a man of ability, it is hoped, will facilitate the marketing of the supply. Lately, with the stock in unlimited quantities, one grower has been used against the other to get a reduction in prices. With the stock coming to a central market, this is one of the conditions which would not prevail. There has also been considerable over-lapping in several lines, and with general good feeling amongst the growers, a lot of this could be overcome. The retailer will also be relieved of his burdens, as his next door neighbor will not be able to buy stock cheaper than he does; nor will he hear the complaint from his customers that they can purchase direct from the growers at wholesale prices. There will also be a co-operative plan whereby orders can be placed jointly for the purchase of supplies and all material used in either the growing or retail end. This saving on many imports would often show a reduction of 50 per cent. H. Arnold, of Bedford Park, Ont., has been appointed secretary. The fees will be $3 per annum, and any bonafide grower or retail florist of Ontario is eligible. Suggestions and comments from the trade will be greatly appreciated. Write Mr. Arnold and these will be taken up at the next meeting.

NOTES.

At Brampton, Ont., stock is in very good shape. At the Dale estate, the young stock is very promising and prospects are excellent. Their $20,000 cold storage plant is ideal in every respect. A large number of Japanese longiflorum for the English export trade is stored here. The lily of the valley, ferns and galax are all coming out well. With the exception of a certain amount of repairs no new construction will be added this year. George W. Mullis is now managing the McIntyre greenhouses. He has an excellent stock of carnations, snapdragons, sweet peas and mignonette, and as he is a good grower, he should get the best of results from his place. At present W. Fendley's violets are over for the season, but he is cutting heavy on other lines. W. F. Calvert, who makes a specialty of violets, advises that he has had a very good season, and is now busy getting ready for his summer stock. R. Jennings, always noted for his carnations, has a good average crop, and at present his bloom is very fine. Snapdragons, sweet peas and mignonette all show good quality. A. A. Elliott is cutting some very fine sweet peas of the Spencer varieties.

Owing to high rentals and increased taxation, John H. Dunlop will move from his present location on Yonge street about May 1, having secured a building on Adelaide street, West. It will be fitted up with the most complete and up-to-date facilities. Large ice-boxes are being placed, and a conservatory will be constructed on the roof. An elevator will be installed, and it is intended to conduct both the retail and wholesale business from this store.

The executive committee of the Canadian Horticultural Association held a meeting at the Western Fair offices, London, Ontario, April 5. President H. B. Connor was in the chair. The programme was arranged for the next convention, which takes place in London, August 3-5.

Visitors: W. J. Gammage of London.

H. G. D.

Montreal

TRADE PLEASED WITH EASTER BUSINESS.

The Easter trade was fully up to expectations, the volume of business done comparing favorably with that of last year. The weather was bright and frosty at night. A number of candy, fruit and drug stores opened flower stands and did a lively trade at prices somewhat lower than the regular florist stores and again the complaints are brought forward that the wholesalers supply these places at considerably lower prices than charged the legitimate florists. Lilies were never better and sold out early at the same old prices—25 cents per bud and bloom. All other plants sold proportionately well, but the limit of price appeared to be $5, and in consequence some beautiful basket arrangements were left over; also large azaleas and some splendid rhododendrons. In a way, it was the reverse of former years, when the most valuable and largest and high priced plants were marked "Sold" days ahead. This year they were left over, and plants up to $5 went into the packing room for delivery at a quick rate. The number of plants and boxes of cut flowers sold is ahead of last year; on this all reports agree, but in cash the amount will be about even. The churches, as usual, required a large amount of plants and lilies for decorative purposes; also in most cases some cut flowers. Cut flowers were in good demand and the supply sufficient, except violets. Prices ruled lower than last year, especially in the bulbous line. There were more than enough of tulips and daffodils. Delivery was made easy by the employment of autos by most stores and the roads were splendid.

At Hall & Robinson satisfaction was expressed. They sold out except in spireas. McKenna, Ltd., did a big business, everything sold but some large baskets made up for display, and two autos and six horse rigs were kept busy. Geo. Hopton & Sons had the largest sale of plants in their history. Campbell's had some splendid lilies and made up baskets which sold well. S. S. Bain was highly pleased with his business with his biggest day on Good Fri-

day, and sold 1,800 lilies and thousands of other plants. Miss Cairns was all smiles over the result; had enough lilies to last to the end, but sold out.

The Montreal Gardeners & Florists' Club met April 5. Two papers were presented, one by R. Scott on "Hydrangeas" and one by H. Thiele on Primula obconica.

E. J. Hayward, R. Scott and J. Luck attended the executive meeting of the Canadian Horticultural Association at London, Ontario. J. L.

Providence, R. I.

BEST BUSINESS OF THE YEAR.

Business now shows an increase of about 25 per cent more than at any time this winter and it is keeping everybody busy. Carnations are now filling the market and selling at a low price. Good roses can be bought at from two to eight cents, and all have a good flower and stem. Daffodils and tulips are still good, sweet peas are fine and callas and easter lilies are in top form. Snapdragon is now coming in more plentifully and is extra fine. The stores still have a few azaleas left that are good. The growers are now receiving their imports of hardy shrubs and boxwoods, and the stock is clean and of good quality.

NOTES.

Miss Florence Willard is building three new houses at her range in which she intends to grow cyclamens and Boston ferns, and later will put bulbs in these houses. She now has a large variety of plants and cut flowers, and her stock never was better.

E. E. Howard, of Auburn, R. I., has one large house of geraniums that will bring good returns on Memorial day.

G. M. Shurtleff, of Matthew Macnair's force, is back to work after a week's illness.

Olny Williams has a house of Lilium giganteum that are almost ready for the trade.

T. O'Connor had the decorations for the opening of the Keith stock company.

Matthew Macnair had 18 large pieces at one funeral the past week.

Burke & Burns are making large cuts of Killarney roses.

Visitors: Jacob Brunner, of the Climax Man'f'g. Co., Castorland, N. Y. H. A. T.

St. Paul, Minn.

HEAVY SUPPLY CAUSES PRICE CUT.

The market for the past week has been very slow, with an abundance of stock of all kinds coming in, and prices have been cut considerably to make it move at all. The Easter business has been in most places a little ahead of last year, with plants and cut flowers not keeping up, although prices were comparatively low for Easter.

L. L. May & Co. make a big feature of their $1 box of cut flowers Saturdays and say it cleans out all surplus stock.

Holm & Olson had several large Easter decorations that used a large quantity of stock.

Visitors: A. Miller of A. Henderson & Co., Chicago; N. Neilson, of Mankato, Minn. T. C. R.

The Late A. F. E. Hugo.

A. F. E. Hugo, whose serious illness was mentioned in the columns of THE AMERICAN FLORIST of April 17, died Friday of that week and the funeral was held on Sunday, April 18. He had been connected with the Stumpp establishment in New York for about twelve years but, as previously stated, had recently been with John S. Nicholas, also of that city. He is survived by a wife and child. A. F. F.

FAR AND NEAR.

LOWELL, MASS.—Harvey B. Greene was elected park commissioner April 13.

CHILLICOTHE, ILL.—Hal Piper will start a greenhouse here and supply the local trade.

FULTON, MO.—Fred F. Hallows, formerly of Pine Bluff, Ark., will open a greenhouse in this city.

DAYTON, O.—The local florists and gardeners will urge the city commission to stop speculation in market stands.

ROCHESTER, MINN.—Ross Bragg Co.'s new flower store on West Zumbro street was given a formal opening March 30.

FREMONT, O.—F. P. Hummel, of Garrison street, has purchased a 12 acre tract near this city and will erect a range of greenhouses.

PORTLAND, ME.—The storm that swept the Atlantic coast Saturday and Easter Sunday was felt here, and sales suffered to some extent. Local florists, however, are generally satisfied with 1915 Easter business.

LITTLE ROCK, ARK.—The local trade is satisfied with 1915 Easter sales. Tipton & Hurst report stock, both in plant and cut flower classes as being equal to demand, and prices and volume of sales about the same as a year previous.

SALT LAKE CITY, UTAH.—A heavy storm, which swept this city the day preceding Easter, was responsible for a loss of about 20 per cent in sales, but with prices normal, business this year was about the same as a year ago, reports D. E. Law.

BRIDGEPORT, CONN.—Christmas weather prevailed at Easter and flowers had to be delivered in heated vehicles. John Reck & Son state that they lost many hundred dollars' worth of plants due to the storm. Seven autos used in delivery had to be towed in.

FREMONT, NEB.—The spring trade this year has been marked by a heavy sale of plants, Easter sales in this line in medium priced stock being especially good. Easter lily plants for the big flower day were reported short of supply by Green's Greenhouses.

WASHINGTON, D. C.—Easter plants, in supply greater than the demand, and cut flowers on hand in large quantities, caused a drop in prices for the Easter trade. In some cases plants of all kinds could be had at the buyer's own price, according to G. C. Dalglish.

LOUISVILLE, KY.—August R. Baumer states that the large number of corsage bouquets worn on Easter Sunday was a matter that interested the local trade, and small flowers used in the making were most in demand. Medium sized plants of all kinds sold readily.

MEMPHIS, TENN.—An attractive full-page advertisement calling attention to the significance of plants and cut flowers at the Easter season especially, appeared in local papers, April 1, inserted by the Florists' Association of Memphis. Excellent sales are reported as a result.

OAKLAND, CALIF.—Lilies, both cut and in pots, still hold first place in popularity in the Easter flower class. The weather Easter Sunday was perfect, the supply of plants and cut flowers was ample, and business up to the the average, is the report received from Clark Bros.

PORTSMOUTH, O.—The 1915 Easter trade was a record breaker in every way, reports Mrs. J. Holzman. The demand for flowers exceeded the sales at Easter of any previous year. Everything salable was spoken for two days in advance. Roses, carnations and lilies had the popular call.

KANSAS CITY, MO.—During the busy Easter season just passed, the Geo. M. Kellogg Flower & Plant Co. used the "jitneys" for delivery service and reports that it was more than pleased, and the expense much less than in previous years. All florists seem happy over the good business this year.

HAGERSTOWN, MD.—Attractive window displays of Easter plants and cut flower arrangements were features of the Floracrofters shop. Manager W. R. Brewer received many compliments on them. Summer-like weather prevailed at Easter and resulted in a general clean up of stock of all kinds.

NEW ORLEANS, LA.—The Easter trade this year showed an increase of 25 to 50 per cent over last year's corresponding statement, as estimated by the Avenue Floral Company. Local prices are generally high, but reduced prices this year, ideal weather and excellent stocks, resulted in highly satisfactory business.

CLEVELAND, O.—There was little to distinguish the 1915 Easter trade from that of other years, according to reports received from A. Graham & Son. Volume of business was equal to the 1914 period and prices the same. Except in the matter of choosing medium priced stock, flower purchasers expressed little preference.

PORTLAND, ORE.—Prices 25 per cent lower than a year ago did not affect the volume of business done by local florists during the 1915 Easter period. Clark Bros. report sales equal to a year ago. Lilies and azaleas were the best selling plants and in cut flowers the call was for sweet peas, violets, lily of the valley and red roses.

CATSKILL, N. Y.—The blizzard that visited this section at Easter did not interfere to any great extent with the good Easter sales among the local florists, with the exception of interfering with deliveries. Henry A. Hansen cleaned up in all lines, with violets in great demand. The day preceding Easter he sold 10,000 of these alone.

FREDERICTON, N. B.—The European war did not seem to affect Easter flower and plant sales this year, as the volume of business proved 10 per cent better than the Easter season of 1914. A snowstorm Easter morning curtailed somewhat the sale of corsage and buttonhole bouquets, but practically everything cleaned up nicely, is the report of J. Bebbington & Son.

TORONTO, ONT.—Owing to the war the residents of the Dominion are devoting all surplus cash to the cause of the relief of homeless and destitute, and those injured, with the result that the demand for flowers has shortened in proportion. The Easter trade was fair, however, but prices were 20 per cent lower than last year, is reported by Geo. M. Geraghty, manager of Dunlop's.

CENTRALIA, ILL.—According to J. W. Ross Co., sales were a little better this year than during the Easter period 1914. Prices were about the same. In the plant line everything in bloom sold out, and while cut-flower sales were not in comparison, there was a good demand for all kinds of stock. Bulbous stock in pots and pans sold out first, after which lilies and other stock cleaned up. Lily of the valley and cut lilies sold slowest.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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"MOISTURE DEFICIENCY" is the up-to-date college florist's substitute for Hans Gartner's "Dam dry."

WE HAVE received from Secretary Benjamin Hammond, Beacon, N. Y., copy of the American Rose Society's annual proceedings and bulletin for 1914.

CLEANING up day has been fixed as May 1 in many cities of the United States and whenever our florist and nursery friends have an opportunity they should seek to aid such a movement in their home town or city.

The Carnation Yearbook.

We have just received the yearbook of the Perpetual Flowering Carnation Society, edited by J. S. Brunton, the contents including: "Reflections," by T. A. Weston; "The Perpetual-Flowering Carnation as a Cut Flower," by Alva J. Hall; "Carnation Growing in Belgium," by V. Bouckenooghe; "The Adaptability of the Perpetual-Flowering Carnation," by C. H. Taudevin; "Productiveness of Carnations," by Jos. H. Hill; "The Cultivation of the Perpetual Flowering Carnation," by Montague Allwood.

Canadian War Tax.

We understand that the new Canadian war tax of 7½ per cent on all imports went into effect April 15. This is said to apply to all imports formerly free of dut and is an additional impost on those already taxed. For example, fruit formerly was taxed at 25 per cent and under the new law the duty would be increased to 32½ per cent.

Agricultural Extension Work Bill Passed.

H. R. 7951, a bill to provide aid in diffusing useful and practical information on subjects relating to agriculture and home economics, was approved by Congress May 8, 1914. The act provides for the distribution of moneys appropriated for agricultural extension work carried on by state agricultural colleges in the United States. The first year's appropriation was $480,000. Each succeeding year for seven years, $500,000 will be added to the previous year's appropriation.

Society of American Florists.

SAN FRANCISCO CONVENTION GARDEN.

At the last meeting of the convention committee of the Pacific Coast Horticultural Society, Daniel MacRorie, for the committee on convention garden, reported that the commissioners of the Golden Gate park had kindly consented to allow the Society of American Florists a portion of the park for a convention garden. The site chosen is admirably adapted for the purpose. The commissioners did not limit the Society of American Florists to space, making it possible for exhibitors to make their displays as liberal as they may desire. Florists, seedsmen, nurserymen and gardeners from all parts are invited to exhibit.

The care of the convention garden will be in charge of John McLaren, superintendent of Golden Gate park, San Francisco, thereby assuring exhibits of the best of care and attention. We would advise intending exhibitors to eliminate sub-tropical plants, such as cannas, etc., as they do no thrive well in San Francisco, on account of our cool climate. Dahlias, gladioli, etc., make a grand showing when planted here the first week in May. All other plants that like a cool climate do remarkably well.

A flat rate of 10 cents per square foot will be charged for the upkeep of exhibits. Applications for space and further particulars may be had by addressing Daniel MacRorie, 432 Phelan building, San Fancisco, Calif. Address all exhibits to John McLaren, Golden Gate Park, San Francisco, Calif., express prepaid.

Radium As a Fertilizer.

Human faith in the marvelous and unusual is shown by the yarns which are being circulated and believed regarding the stimulative effects of radium on growing crops.

Professors Hopkins and Sachs of the Illinois experiment station in bulletin No. 177 explode these fables very completely.

It appears that one grain of radium costs more than most good, modern greenhouse establishments earn, net, in a year ($10,000). It further appears that if an enterprising (or fool) florist owning a place netting $10,000 per year should invest the whole year's profits in one grain of radium the increase of crop for the next year due to the radium could easily be put in the northeast corner of one of the eyes of his smallest baby and not inconvenience the child in the least

We have been pleased with the wonderful results from radium applied to the tomato-potato grafting process as recently described, but we remember to have seen some very successful results of this kind without radium. We have seen ten trials of this sort conducted under uniform conditions without radium. One a beautiful success and the other nine falling short in various degrees and in various ways. We have seen another lot of five all successful (without radium).

When the gentleman gets that "radiated" tomato seed saved, let him have Burbank, or one of his hired men, sow it and let the Luther Burbank society describe the resulting plant. Without doubt the seedling plant would produce a peck of potatoes above ground, a half bushel of tomatoes under ground and a barrel of spinach between, which would add $400,000,000 to the world's wealth, but imagination fails. Burbank and Radium. Radium and Burbank. Hellup! I feel faint.

W. N. R.

Floral Designing at the Univ. of Illinois.

Over 2,600 people attended the third annual exhibition of floral arrangements, given by the class in floral decoration, assisted by Miss Emily Dorner of LaFayette, Indiana, Sunday afternoon, April 18, in the floricultural building. Most of the visitors were students and faculty members, but both Urbana and Champaign were well represented. A better day could not have been chosen, as the weather was ideal.

It is difficult to say which display was admired most as nearly all of them were equally good and the opinion of the people seemed to vary. Perhaps the most attention was attracted by the different table decorations, wedding bouquets, and corsage bouquets, as these seemed to be of special interest to the ladies. In connection with the wedding bouquets was staged a large doll dressed as a bride and carrying a bouquet of lily of the valley. This was an entirely new feature and was very attractive. Besides this there were many funeral designs, plant baskets, flower baskets, box and vase arrangements. Favorable comments were heard from nearly every one and it is safe to say that not a person regretted coming to see the display.

A. G. H.

Panama-Pacific Exposition Notes.

The greatest tulip exhibit ever possible outside of Holland, two acres being devoted to these flowers, is part of the national exhibit of the Netherlands.

No plant not in full bloom will be allowed to remain upon the exposition grounds at any time during the exposition year.

More than 220 conventions, 21 of which are horticultural, will meet at San Francisco during the exposition.

Important to Subscribers.

The date on yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By all-round gardener and florist, propagator and landscape. Address C. F. DUMKE, Marseilles, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address Key 502, care American Florist.

Situation Wanted—By experienced capable American of irreproachable character, as head gardener or manager of ranch. Best references. Key 511, care American Florist.

Situation Wanted—Head gardener wishes position in private place or institution; married, age 40, one child. German; best references. Address M. STADLER, 1119 Sherman Ave., Madison, Wis.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter. Key 504, care American Florist.

Situation Wanted—As foreman; perfectly good grower of American Beauties, tea roses and carnations. 32 years of age, single and sober. State wages in first letter. Address B. P., 2014 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener on private estate; age 32, single; 16 years first-class experience on private establishments, under glass and outdoor. Address T. F. H., 2103 Blue Island Ave, Chicago, Ill.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials. FLORIST, 59 W. Ontario st., Chicago, Ill.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY, N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By an experienced gardener on private place. Fruit, flowers and vegetables, hot and cold graperies, hot house fruit, lawns, shrubs and all work required on private place. Best of reference. Address Key 497 care American Florist.

Situation Wanted—By a good first-class designer and decorator, salesman and capable of managing a first-class store. Married and 32 years of age. Have 16 years experience with nothing but good stores. Open for position at once. First-class references. Address, Key 505, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Help Wanted—Leading Chicago florist wants boy over 16 years of age to learn retail trade. State full particulars and wages wanted. Key 500, care American Florist.

Help Wanted—Young man with good practical knowledge of floriculture, who can sell to the trade of New York and vicinity. State age, salary, experience. Key 503, care American Florist.

Help Wanted—Experienced assistant for greenhouse and outdoor work, sober and honest, steady position. Wages at start $30 per month and good board and room. Only German need apply. WOODEND FARM GREENHOUSES, Mound, Minn.

Help Wanted—Leading Chicago greenhouse manufacturing concern wants bright young man with a high school education and good at figures to learn the business. Splendid opportunity for deserving party. Good salary to start. State full particulars in first letter and address in own handwriting. Key 507, care American Florist.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92, Glen Burnie, Md.

For Sale—Good as new panel top Overland delivery car. $:00.00 cash. Big bargain. Write quick. Guaranteed. Key 512, care American Florist.

For Sale—Complete delivery outfit, including a dandy horse, wagon, harness, etc., for $175. For further particulars address Key 501, care American Florist.

For Sale—At once, on account of ill health, an indoor greenhouse stock lately left me by a will. Communicate with LAURA MORGAN, 1009 W. Kimber St., Danville, Ill.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address B. HINRICHS, Racine, Wis.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms A. J. WOODCOCK, Wilmette, Ill.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober. Key 510, care American Florist.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address Key 496, care American Florist.

Wanted Seedsman.

Competent Seedsman wanted. Must be man with wide experience to take charge of buying for large seed concern. Address

J. Walter Thompson Co.,
14 E. Jackson Blvd., CHICAGO, ILL.

FOR SALE

Six first-class second hand tubular boilers 60x16, $175.00 ea; 90x20, $275.00 ea. Fronts and grates complete. Large stock of overhauled pipes and flues.

ILLINOIS PIPE & MFG. CO.
2117 S. Jefferson Street, CHICAGO, ILL.

FOR SALE.

Extraordinary Opportunity.

My new greenhouse, 20 x 120, filled with late varieties of roses; two acres of best soil and A1 location. Here is a chance for a rose grower of small means. Write for particulars. Some sickness in family. Address

S. L. HARPER, R. D. 3, Tacoma, Wash

CIVIL SERVICE BOARD.

West Chicago Park Commissioners.

Examination (No. 156) **For Gardener**

Will be held at 9 a. m., April 30, 1915, at the Garfield park pavilion. Open only to men between the ages of 21 and 50 years. Pay $.28½ to $.37½ per hour.

Subjects: Special subject, to include a written and oral test on identification and general care and characteristics of trees, shrubs, lawns and perennials; weight of 5. Experience, weight of 3; physical, weight of 2.

Applications must be filed in the office of the board in Union park, before 5 p. m., of April 29, 1915. Application blanks may be obtained at the office of the board in Union park or at West Park playgrounds.

Fred G Heuchling,
Supt. of Employment.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

TRADE DIRECTORY

Florists, Nurserymen and Seedsmen

OF THE

UNITED STATES AND CANADA.

Price $3.00, Postpaid.

AMERICAN FLORIST CO.

440 S. Dearborn St CHICAGO.

Pittsburgh.

STOCK MOVES BUT AT SHATTERED PRICES.

Since Easter there has been a decided change in market conditions here, as, with the warm weather and strong sunshine we have experienced the past two weeks, the markets are loaded to their utmost capacity with all kinds of flowers. Prices have been shattered, and the wholesale men are really ashamed to examine the invoices which they make out to their customers, prices are so low. When the very best long Killarney roses bring only four and five dollars per hundred, it is evident to the "greenest" person in the business that prices are at their lowest level. But it is the same with everything including fancy Spencer sweet peas, carnations, lilies, violets, daisies, and everything else that is handled by the florist. The one good thing, however, is that stock is cleaning up fairly well every day, and one can hardly complain of poor business, considering the season. As we have said, the weather has been very mild here, and we may expect it to remain so for quite a while, which condition is ideal for the street fakirs, who dispose of a lot of stock.

CLUB MEETING.

There has been no cause for complaint as to interesting meetings of the local florists' club lately, as all the members and visitors will testify that the last few meetings have been all and more than could be expected. The increased attendance and close attention paid the speakers go a great way to prove this fact. Dr. H. Phillips Rose, of the Mellon Institute, University of Pittsburgh, was the principal speaker at the April meeting. He thoroughly conveyed his subject; "Some Recent Advances in Our Knowledge of Fertilizers." Dr. Phillips is conducting experiments on a rather extensive scale at the Phipps conservatories. John Jones proposed that the club members test his compounds for themselves, so the Doctor offered two pounds to each member who would grow two plants under the same conditions, using his fertilizer on one of them, then to exhibit the two plants at the May meeting. Nearly everyone present responded to his invitation. Carl Becherer, John Phillips, and John Jones showed specimens of new tulips and hyacinths. Messrs. Jones and Phillips had an animated discussion on the advisability of freezing hyacinth bulbs, but Mr. Jones seemed to get the best of the argument when he showed the difference in the foliage of some examples he brought with him. We also expected an exhibit of the new rose, Francis Scott Key, but they failed to make their appearance in time for the meeting, as President McCallum put it: "They will be on hand tomorrow, as usual." So we did not have the pleasure of greeting the newcomer. It might be added, that at practically every meeting, an expected exhibit arrives a day late.

G. C. M.

Washington.

STOCK SELLS AT ANY PRICE OFFERED.

Business has not improved any the past week, and the mid-summer weather we are enjoying has not improved the market, as everything is still in a glut. Carnations, roses, Easter lilies, sweet peas, gardenias, freesias, snapdragons, American Beauty roses and calla lilies can be had at almost any price.

NOTES.

Geo. Lavelle sent in the first gladioli that were seen in this market, and will continue to cut for some time to come, as he has over 10,000 bulbs of some of the finest varieties to be had. He has also started in to grow lily of the valley. As there is no grower of this in this vicinity he should have little trouble in disposing of his crop.

The new retail florist association, which was started some time ago with W. W. Kimmell as chairman and Fred Leafley as secretary, will hold their next meeting at the Hotel Hudson, and then, as Wallace says: "the banquet will follow."

The Dupont Florist Co., under the management of E. Mayberry, is still branching out. It now occupies about as large a space as any of the florists in this city, and business is as good as can be expected.

The Leo Niessen Co. is receiving some extra fine orchids; also some good carnations for this time of the year.

Marche & Co. report business good. Decoration orders for weddings with this firm are quite brisk.

Miss Josie Formely, with Washington Florist Co., has accepted a position with G. C. Shaffer.

Geo. Cooke is always busy at this time of the year with decorations, and also outside work.

G. C. D.

St. Louis.

OUTDOOR STOCK INFLUENCES MARKET.

Warmer weather prevailed the latter part of last week and early planting out and landscaping are in full swing. The market is still crowded. Sweet peas have slightly stiffened, owing to the absence of violets and the decreased supply. Carnations are plentiful, jonquils are over, those coming in being soft and unsalable. Long stem American Beauty roses are also plentiful. Ferns are getting poor and brown. Lilacs will be soon in from the south. The outdoor stock in general, is greatly influencing the market for all greenhouse stock.

NOTES.

Charlie Busch was buried April 14. The floral offerings were very costly and beautiful, the family order being given to Grimm & Gorly. A very elaborate blanket of Butterfly sweet peas and lily of the valley covered the casket.

Moss Floral Co.'s store, on Jefferson avenue and LaFayette streets, makes a nice appearance and can be seen from the cars. Mrs. Moss has been in the business for years and is fully qualified.

A. Jablonsky, carnation and lily specialist, is quite a writer. His articles in the county papers on the European war, although strongly pro-German, must make all neutrals sit up and take notice.

O. Leary, the Florist, will have the decorations for one of the largest South side weddings, April 21. Several hundred lilies and other flowers will be used.

C. A. Kuehn's delivery truck is quite a swell turn-out and in perfect unison with his self-built and well-equipped wholesale house, one of the finest in the west.

The Grand Leader disposed of several thousands of sweet peas and carnations, thus saving considerable stock from the dump pile.

Otto Bruenig's little daughter successfully underwent an operation for appendicitis and is on the way to recovery.

H. G. Berning's new delivery car is a very fine outfit. It is kept busy, as is also the horse and wagon.

Cizkowski, the Cass avenue florist, is showing some nice plants and artificial floral designs.

Foster, the Florist, disposed of 35,000 carnations April 17, two dozen for 25 cents.

Fred Ammann, of Edwardsville, Ill., will make a good mayor if elected.

Shaw's garden had a special tulip display April 17.

Sam Levine has been with us all week.

W. F.

Lancaster County Florists' Club.

April 15, 1915, will be entered in the minutes of the club as a "red letter" day if the secretary does his duty. In place of a regular meeting, the night was given over to a committee consisting of Ira B. Landis, J. Rutter Hess, Wade Galey and Chas. B. Herr, with instructions to have ladies' night, and ladies' night it was in the full sense of the term. Mine host McConemy, of The Stevens House, was the caterer; the committee and decorators, and about an even fifty of the florists and their wives or sweethearts, the guests.

The decorations were the prettiest and most elaborate of anything ever attempted in this city. The music was by Rothe's orchestra, and Mr. Savage sang several solos. Miss Katherine Seifert, of the B. F. Barr Co., sang several solos and a duet with Mr. Savage, and Miss Amanda Landis of the Millersville normal school gave a series of recitations, D. J. Keohane, of the H. F. Michell Co., Philadelphia, Pa., was the only out-of-town representative of the trade with us, and the way in which he joined in with Alonzo Peters and Rudolph Nagle in singing "Heighle Heighlo," showed him to be a "good sport." Rodney Eshlemen led the singing between courses, and at the end of the banquet the writer presented the following resolution: In view of the fact that the children's gardens brought so much pleasure out of our donation of seeds for their use last season, I move that the club appropriate double the amount this season and give one-half to the children's gardens, and one-half to the public school gardens. This resolution was passed unanimously. About midnight the party dispersed with the hope that another ladies' night would be an event of the near future.

ALBERT M. HERR.

Cincinnati.

GLUT CONTINUES INTO THIRD WEEK.

The glut of last week and the week previous is continuing into this week. Receipts in all lines are very heavy, while the demand for stock is still at about the same level as at the last writing. Rose receipts of all kinds are very heavy and much more than the market requires to satisfy its present needs. American Beauty, too, are plentiful. What is reported about roses applies to carnations. Neither are bringing prices that yield any kind of an adequate return. Easter lilies are in a very heavy supply, but sell rather slowly, even at the low prices that prevail. Sweet peas are plentiful. Orchids and lily of the valley are selling a little better than they did, owing to a call for their use at weddings. Other offerings include snapdragons and callas.

NOTES.

C. E. Critchell reports a good demand for lily of the valley, orchids and adiantum for bouquets for spring weddings.

Visitors: Joe Hill and Lew Knopf, Richmond, Ind.; O. Honacher, Lexington, Ky.; V. Morgan, of Lord & Burnham Co., New York., and Mrs. B. F. Hensley, Knightstown, Ind.

H.

ROCK ISLAND, ILL.—Henry Gaethje was awarded a contract April 5 for $100 worth of plants, to be used in beautifying the court house grounds.

Floral Publicity

We Specialize In High Grade Effective Direct Advertising Increasing Florists' Sales

Build Up Your Mothers' Day Business

Mothers' Day is Sunday, May 9, 1915.

Mothers' Day has greater possibilities for creating NEW flower business than any other holiday in the year, not excepting St. Valentine's Day.

Make the Second Sunday in May, May 9th, 1915, not only a big flower day, but a profitable one by using our Mothers' Day Folder. If you have not received our Mothers' Day Folder sample, it will be sent to you with full particulars upon request.

When you appeal to a man's love for his mother you touch a most responsive heart cord. In the rush of business he may forget Mothers' Day, but a reminder from you will call it to his attention.

Promote the giving of flowers or a plant to Mothers—not just the wearing of a red or white carnation. Our Mothers' Day Folder is a masterpiece—everything about it suggests flowers as a gift to Mother.

A man may do many things to please his mother, but in no other way can his love and reverence be so truly expressed as by a gift of flowers.

Our Mothers' Day Folder, which will be used by florists in a great many cities in the United States and Canada, will do its share to build up this day in those cities.

Write us or mail order promptly if you want our service for Mothers' Day.

McNEFF-SWENSON COMPANY

Floral Publicity Experts

220 So. Michigan Blvd., CHICAGO, U. S. A.

State Florists' Association of Indiana.

The monthly meeting of the State Florists' Association of Indiana was held at Muncie, April 13, with a large attendance. In connection with the meeting there was an excellent show of seasonable stock, the exhibitors, including Heller Bros. Co., New Castle, roses; E. G. Hill Co., Richmond, roses and carnations; F. J. Benthey & Co., New Castle, roses; W. J. & M. S. Vesey, Ft. Wayne, carnations; Hartje & Elder, Indianapolis, carnations; Williams & Clark, Floral Co., Muncie, miscellaneous plants; Stuart & Haugh, Anderson, carnations; Baur & Steinkamp, Indianapolis, snapdragons and carnations; Miller Flower Shop, Muncie, plants and cut flowers; Hartford City Greenhouses, Hartford City, geraniums; Riverside Greenhouses, Muncie, roses and carnations. The E. G. Hill Co. received a certificate of merit for its display of Alice Coombs carnations and a similar award was made to Baur & Steinkamp for snapdragons, the judges being F. H. Lemon, Richmond; A. F. Longren, Chicago, and F. J. Knecht, Fort Wayne. During the meeting E. G. Hill, of Richmond, gave one of his interesting talks on roses and W. J. Vesey, Jr., Ft. Wayne, spoke of orchids and landscape gardening. After dinner the visitors were given an automobile ride around the city.

Those in attendance were E. G. Baker, Muncie; M. A. Barick, Seymour; A. F. J. Baur, Indianapolis; W. C. Beyersdorfer, Anderson; B. C. Blake, Springfield, O.; W. E. Blizzard, New York; W. A. Brennecke, New Castle; C. C. Clark, Muncie, Ira Clark, Greensburg; L. A. Coles, Kokomo; J. D. Connor, Jr., Wabash; L. Elder, Indianapolis; J. J. Elsner, Indianapolis; W. H. Fisher, Anderson; H. C. Frank, Portland; W. F. Frank, Portland; William Gardner, New Castle; G. R. Gause, Richmond; Edward Grande, Indianapolis; J. A. Grande, Indianapolis; J. Grande, Indianapolis; H. H. Hack, Indianapolis; J. A. E. Haugh, Anderson; Myer Heller, New Castle; R. M. Henley, Hartford City; E. G. Hill, Richmand; S. Humfeld, Muncie; E. M. Hyatt, Anderson; W. O. Isenhardt, Portland; J. E. Jones, Richmond; R. W. Kircher, Fairmount; Wm. Klus, Anderson; F. J. Knecht, Fort Wayne; H. J. Leitz, New Haven; F. H. Lemon, Richmond; A. F. Longren, Chicago; C. Maddux, Muncie; M. Marer, Indianapolis; J. W. Marsh, Muncie; H. O. Meikel, Frankfort; F. L. Morris, Bloomington; P. J. Olinger, Cincinnati, O.; Chas. Pahud, Indianapolis; George Pastor, Huntington; S. A. Richison, Muncie; Aug. Rieman, Indianapolis; H. C. Rodenbeck, Indianapolis; E. A. Seaton, Muncie; O. E. Steinkamp, Indianapolis; C. Straaling, Muncie; J. E. Stuart, Anderson; C. W. Treffinger, Van Wert, O.; Wm. Treffinger, Muncie; J. S. Turner, Rushville; W. J. Vesey, Jr., Fort Wayne; Rowland Webb, Muncie; Harry White, North Manchester; H. L. Wiegand, Indianapolis; J. N. Wilkin, Connersville; Peter Willman, Hartford City.

Winona lake was chosen for the annual outing of the association which will be held in July when another large gathering is expected. J.

Oklahoma City.

BIG DEMAND FOR BEDDING STOCK.

Florists report as being busy every day, social events are numerous and there has been an occasional heavy demand for funeral work. The bedding season is in full swing, and as this branch is a feature with all in the trade, it makes the flower stores seem like plant markets at this particular time, as everything in the way of flowering plants is kept on display. There is a tremendous call for seeds of all kinds, also, and the demand for nursery stock seems almost unlimited, and very little is grown here so we are dependant upon out-side growers. To any young nurseryman seeking a new field, this city offers an exceptional opportunity. Land can be purchased at a reasonable price and many kinds of stock do well here. There is a general feeling among the people of the whole state that planting for ornamentation has not kept pace with other lines of progress, and the time has arrived to make good this deficiency, consequently, ornamental nursery stock is meeting with a big demand, and it will become more so during the next few years. S. S. B.

Boston.

TRADE HOPEFUL AS MARKET RALLIES.

Business during the past week has been far from satisfactory. There has been an oversupply in nearly every line of stock. Roses are selling very slowly and bringing poor prices. Many were sold for less than $1 per 100, but good clean stock brought from $1.50 to $10 per 100. Carnations took a drop in price as larger supplies have been cut and consequently the business has been unable to take care of them. Many fine flowers were sold during the middle of the week as low as $1 per 100; between $1, and $2.50 in some instances, seems to be the average price. Violets are shortening in supply as their season draws to a close. Being so difficult to keep, they are not in heavy demand and prices not very good. Snapdragon does not seem to be as popular as in previous years, and although some very fine flowers are seen, the demand for them is light and they move slowly. Yellow marguerites are very abundant, and sales on them are fairly good, considering the general condition of the market. Prices on these run from $1 to $3 per 100. Plants as yet are not in heavy demand. Some very fine hydrangeas are seen, that under normal conditions should find a ready market.

April 19.—The retailers of greater Boston had a very good business Saturday, April 17, and succeeded in disposing of most of their stock. The result was a fairly good market today. Sweet peas took a rise in price; $1 per 100 was secured for good flowers. The whole market was in general more active than any day last week, and it is hoped that it will now turn for the better.

NOTES.

J. K. Chandler & Sons, of Tewksbury, Mass., have commenced two new greenhouses as an addition to their establishment. The largest house will be 42x250 with a connecting house 20x20 to a propagating house, 20x60. The houses will be Stearns construction. They will devote the house to carnations and yellow marguerites. At present they are cutting a fine lot of yellow marguerites in addition to carnations, violets, sweet peas and Spanish iris.

Edward J. Ahern, of Wellesley Hills, Mass., is marketing a large supply of yellow primroses at present. His yellow marguerites are also of very high quality. He has worked up a good trade on his two specialties, and now finds no trouble in disposing of his stock.

Mrs. Charles Sanders died suddenly at her home in Brookline, Sunday, April 11. Mrs. Sanders was well known to horticulturists in this vicinity, who join in extending to Mr. Sanders their sympathy upon his bereavement.

Patrick Welch is making preparations to open a wholesale florist establishment at 262 Devonshire street, next door to the Boston Co-operative Flower Market. Paul Regan will be manager of the new store.

Penn's staff was kept busy last week with an unusual amount of funeral work. Henry Penn is planning a trip to the Pacific coast where he will attend the Panama-Pacific Exposition at San Francisco, Calif.

A. J. Montgomery, salesman for his father, Robt. Montgomery, of Natick, Mass., is laid up with an abcess under his arm. He expects to be able to resume his duties soon.

Donald Carmicael, of Wellesley, Mass., in addition to carnations, is cutting a good supply of extra high grade stock. F. L. W.

Orders From Everywhere

AMERICAN FLORIST CO.
Chicago

Gentlemen:—Enclosed please find check for $4 to balance account. Kindly discontinue our advertisement in your paper as it has answered its purpose. THE FLORIST certainly goes to many different places as we seem to have had replies from everywhere.

TAMPA FLORAL CO.
A. Fiske, Manager.

Tampa, Fla., April 6, 1915.

Newport, R. I.

The Newport Horticultural Society and Garden Association is scheduled to hold its rose show on June 23-24, on a vacant lot in Beach street, where improvements now are being made, and when these are completed space will be allotted to exhibitors with the option of planting their exhibit now or later. The recent ladies' night, given by the horticultural society, was a most enjoyable affair. The committee of arrangements, John T. Allen, Andrew S. Meikle and Frederick Carter, had much to do with making the occasion one to be long remembered. The summer colony have commenced to arrive, which is unusually early, and probably on account of no Europe to go to. J. J. B.

MENDOTA, ILL.—The Mendota Woman's Club has secured from the state university a set of slides on "Landscape Gardening" in order that members interested in the planting of trees and shrubs may have the benefit of the lessons given in these slides.

PALESTINE, TEX.—Cold weather has retarded gardening and field work this spring but is now opening with a rush, following a good Easter trade.—Mrs. M. Zincke is bringing in a nice lot of carnations and contemplates adding another house.—Mrs. W. C. Kendall reports good trade in both plants and cut flowers.—Mrs. D. H. McNaughton has worked up a nice business in funeral designs.

"Get them at Dreer's"

Roses for Outdoor Planting

Two-year-old plants, potted up into 5 and 6-inch pots during the winter months, stored in cold houses and frames and now in best possible condition to sell to your retail customers. Over 200 varieties, in Hybrid Tea, Hybrid Perpetual, Moss, Rugosa, Wichuraiana, Rambler, Baby Rambler, Pernetiana and Tea Varieties.

Hardy Perennials

The best collection of serviceable varieties in the country. Large planters, among whom we include the leading Landscape Architects throughout the country, appreciate the advantage of the **Dreer Pot Grown Plants** over the socalled Field Grown Clumps. No doubt, you are familiar with our stock, if not, give it a trial. Specialties in this line are, **The New Anchusas, Anemone Japonica, Aquilegias, Hardy Asters, Astilbes, Hardy Chrysanthemums, Delphiniums, Digitalis, Hardy Ferns, Funkias, Hardy Grasses, Double Gypsophila, Heleniums, Helianthus, Giant Hibiscus or Mallows, Iris Kaempferi, Poppies, Penstemons, Paeonies, Hardy Phlox** (over 150,000 of these in stock), **New Phlox Arendsi, Hardy Pinks, Primulas, Double and Single Pyrethrums, Salvias, Saxifraga, Scabiosa, Spiraeas, Stokesia, Trollius, Tritomas, Veronicas, Violas,** etc.

New Hybrid-Tea Rose Willowmere.

Artemisia Lactiflora.

Hardy Shrubs

All the popular varieties. **Hardy Azaleas, Andromeda, New Buddleias, Hydrangeas, Japanese Maples, Rhododendrons** of tested hardy varieties, **Altheas, Deutzias, Philadelphus, Spiraeas, Viburnums, Weigelias,** etc.

Aquatics

We are headquarters for **Water Lilies,** both **Hardy** and **Tender. Nelumbiums, Victorias** and **Sub-Aquatic Marginal Plants.**

Ornamental Plants

Boxwoods in **Pyramids, Trees, Balls** and **Bushes, Palms, Ferns, Crotons, Dracaenas, Pandanus,** etc.

Bulbs

Amaryllis, Tuberous Begonias, Caladiums, Dahlias, Gladiolus, Lilies, Cannas, etc.

Hardy Climbers

Ampelopsis, Aristolochias, Bignonias, Clematis, Honeysuckles, Hardy Ivies, Hardy Jasmines, Polygonum Auberti, Kudzu Vines, Climbing Hydrangeas, Wistarias, Vitis, etc.

All of the above and many other seasonable **Plants** and **Bulbs** are fully described in our January 1st. Wholesale Price List, which will be mailed to anyone in the trade on application.

HENRY A. DREER

714-716 Chestnut Street, Philadelphia, Pa.

POEHLMAN

72-74 E. Randolph St.,

FOR MOTHERS' DAY

White Carnations, - - per 100, $5.00; per 1000, $50.0
Colored " per 100, $4.00-$5.00; per 1000, $40.00-$50.0

Roses will run in prices about as the quotations below excepting Short Roses which will be $3.00 to $4.00 per 100.

MRS. CHAS. RUSSELL ROSES--SUNBURST--WARD--RED ROSES--All the KILLARNEYS
HADLEY--CARNATIONS--CATTLEYAS--SWEET PEAS--VALLEY--BEAUTIES

CURRENT PRICE LIST.

ROSES

AMERICAN BEAUTIES.	Per doz.
Special	$4.00
36 inches long	3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

	Per 100		
HADLEY	$4.00 to	$6.00 to	$10.00
SHAWYER	4.00 to	6.00 to	10.00

RICHMOND MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.	Per 100	
Extra long		$10.00
Long	$6.00 to	8.00
Medium	4.00 to	5.00
Short	2.00 to	3.00

KILLARNEY, WHITE KILLARNEY, WARD.		
Extra long		$8.00
Long		6.00
Medium		4.00
Short	2.00 to	3.00

MRS. CHAS. RUSSELL.	Per doz.
36 inches long	$ 2.50
30 inches long	2 00
24 inches long.	1.50
18 to 20 inches long	1.00
Short ..... per 100,	$4.00, $6.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

Cattleyas ..... per dozen, $4.00 to $6.00

CARNATIONS.	Per 100	
Fancy		$3.00
Our selection		2.00
Splits	$1.00 to	1.50

MISCELLANEOUS CUT FLOWERS.	Per 100	
Sweet peas (common)	$	.75
Sweet peas (Spencer)		1.00
Lilies (long stem)	$10.00 to	12 50
Lilies (short stem)		8.00

LILY OF THE VALLEY.	Per
Extra fancy	$4
First quality	2
Second quality	2

MISCELLANEOUS GREEN GOODS.	
Mexican Ivy	$ (
Smilax, ... doz. $2.50	
Sprengeri Asparagus	$2.00 to
Asparagus Plumosus, per string, 60c	
Leucothoe	1
Adiantum	1.00 to 1
Galax (bronze) ..... per 1,000	$1
" (green) ..... per 1000,	1
Eastern flat ferns ..... per 1,000	$
Boxwood, per lb., $0.25 ..... per case,	7
Southern Wild Smilax ..... per case,	$

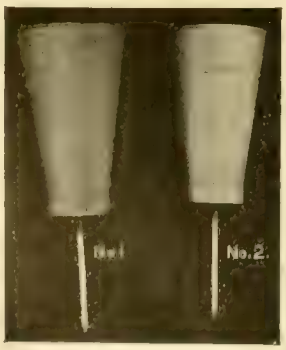
Hughes' Mothers' Day Box.

Constructed on original lines and designed especially for Mothers' Day. 24 inches long, 5 inches wide, 3¾ inches deep. Can be used for $1.00, $2.00, $3.00 or $5.00 orders. Suitable for any day in the year when sending flowers to Mother on her Wedding Anniversary, Birthday, etc.

Inside cover: Appropriate Poem to the White Carnation.

Outside cover: An illustration by the famous artist, Gabriel Max, done in exquisite four-color work, and a redolent quotation in decorative printing, combined in unsurpassed artistic effect.

Price, $5 per package of 10; $50 per 200.
Don't Wait—Order Now.



Glass Cemetery Vases

10-inch, per dozen ..... $1.50; per bbl., 5 dozen $7.00
12-inch, per dozen ..... 2.00; per bbl., 5 dozen 9.00
16-inch, per dozen ..... 3.50; per bbl., 2 dozen 7.00

White and Green Enamel Vases

No. 1—Height, 6¾, diam., 4¼; each ..... 20c; dozen $2.00
No. 2—Height, 6¼; diam., 3½; each ..... 15c; dozen 1.60

Sheet Moss, fine fresh material, per bag, $2.00

N BROS. CO.

ng Distance Phone, Randolph 35. **CHICAGO, ILL.**

BEDDING PLANTS

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
ernantheras, red and yellow. and **Brilliantissima**	$ 2.50	$23 00
ssum, Sweet, 2¼ in	2.50	20.00
eratum, Blue Dwarf, 2¼ in	2.50	
" " " 3 in	5.00	
" " " 4 in	8.00	
jonias, Luminosa and Vernon for bedding, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
jonia, Chatelaine, 2¼ in	3.50	
3 in	8 00	
4 in	15.00	
paea Scandens, 4 in., 1.50 per doz.		
eus, in variety, 2¼ in	2.50	
3 in	5.00	
adiums, Fancy Leaved (Summer delivery) 5 and 6 in. pots. 50c to $1.50 each.		
ty Miller, for border, 2⅛ in	2.50	23.00
caena Indivisa, strong, 3 in	7.00	
4 in	12.00	
5 in	20.00	
aniums, the best and most popular bedding varieties, 4 in., in bloom	8.00	80.00
e Geraniums, strong, 3 in	5.00	
4 in	8 00	
sy Geraniums, in bloom, 3 in	5.00	
4 in	8.00	
sy Geraniums. in bloom, larger plants. prices on application.		
e. Salleroi Geraniums, 2¼ in	3.00	
3 in	5 00	
liotropes, 2¼ in	2.50	
3 in	5.00	
4 in	10 00	
lish Ivy, 2½ in	3.00	
4 in	15.00	
lish Ivy, strong 5 in......$20.00 to	35.00	
rman or Parlor Ivy, 2½ in	2.50	
3 in	5.00	

	100	1000
Lobelias, for Bedding & Hang. Baskets.		
Lobelias, Speciosa, Crystal Palace and Bedding Queen 2¼ in	$ 2.50	$22.00
Lobelia, Cathleen Mallard (double)	3.00	
Marguerites, Yellow and Mrs. F. Sanders, 2¼ in	3.00	
3 in	5.00	
4 in	10 00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom. If wanted in baskets an additional price will be charged to cover cost of same.	2.50	25.00
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery) 2¼	3.00	
3 in	5 00	
Phlox Drumondi, all colors, 2¼ in	2.50	23.00
3 in	5.00	45 00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Ricinus (Castor Oil Beans) red foliage, strong, 4 in	12.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
Smilax, strong new stock, 2¼ in	2.50	23.00
3 in	6.00	50.00
Torenia Fourneri. Blue, 2½ in	2.50	
3 in	5.00	
Vinca Rosea and **Alba,** 2¼ in	2 50	
Vinca Minor (Hardy Grave Myrtle) 3 in.	6.00	
Vinca, variegated and green for boxes and vases, 2¼ in	2.50	23.00
4 in ......$12.00 to	15 00	
Verbenas, all colors. 2¼ in	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in	2.50	

Hanging Baskets planted with: **Sprengeri, Boston** and **Vincas.** Foliage and blooming plants in sizes from $1 00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 50c each. 5 in. at 50c to 75c each.

Pandanus Veitchi, highly colored, 4 in., 50c each. 5 in., 75c each. 6 in., $1.25 to $1.50 each. 7 in., $2.00 to $2.50 each.

Boston, Whitmani and Roosevelt Ferns, 7 in. pots. 75c each. 8 in. pots. $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.

Dracaena Terminalis, highly colored, extra fine, 4 in., $3.00 doz. 5 in., $5 00 doz. 6 in., $7.50 doz.

Araucarias, Excelsa, fine stock. Robusta Compacta, large plants, $1.50 to $2.00 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.

Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

Hydrangea Otaksa and French varieties, 50c to $1.50 each.

	per 100	per 1000
Asparagus Plumosus, 2¼ in	$ 3.50	$30.00
3 in	7.00	65.00
4 in	12.00	115.00
Asparagus Sprengeri, 2¼ in	2.50	22.00
3 in	5.00	48.00
4 in	10.00	88.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-in.	Per 1000	Per 5000
dley	$120 00	$550 00
chmond	$110 00	$500 00
cile Brunner	100 00	......

Own Root, 2⅛-in.	Per 1000	Per 5000
Milady	$60 00	$275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2⅛-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

THE TWO BEST VARIETIES EVER OFFERED.

Miss Marvella French, late white..............$8 00 per 100; $70 00 per 1000 **Miss Pauline Anderson,** late yellow...........$8 00 per 100; $70 00 per 1000

Both these varieties scored 94 points by judges of the Chrysanthemum Society of America, at Chicago, and both scored 95 points by the judges of the Minnesota State Florists' Association, at Minneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
HITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Virginia Poehlmann	2 50	22 00	3 00	27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
RONZE—O. H. Kahn	2 50	22 00	3 00	27 00
ED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

CARNATIONS

Extra fine 2½ inch stock. Order early.

	Per 1000
Winsor	$30.00
Enchantress	35.00
Champion	65.00
Gorgeous	40.00
Scarlet Glow	35.00
C. W. Ward	35.00

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Big Reduction in Prices
OF FLOWERS

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

ROSES

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Rhea** and **Richmonds.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

Beauties.

A choice cut in all lengths of stems. Not many medium lengths are now being cut.

Carnations.

A fine supply of very fine quality pink, white and our extra fancy red **Belle Washburn.**

Sweet Peas.

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. $1.00 to $1.50 per 100.

Sweet Peas, Valley and **Greens**—large supply constantly on hand.

PRICE LIST

BEAUTIES.	Per doz.
Extra long specials	$3.00 to $4.00
30 to 36 in. stems	2.00 to 2.50
20 to 24 in. stems	1.50
15 in. stems	1.00
Shorter lengths	.25 to .75

Killarney Brilliant, Sunburst, Rhea Reid.	Per 100
Extra long stems	$8.00
Medium length stems	$5.00 to 6.00
Short length stems	3.00

Richmond, Pink Killarney, White Killarney.	
Long stems	$6.00 to 8.00
Medium stems	5.00
Short stems	3.00

Bulgarie, Pink and White Killarney.	Per 100
30 to 36 inch stems	$10.00

Roses, our selection of 500 or more at the rate of $20.00 per 1000.
Cecile Brunner, in bunches of 25 rose buds, only 35 cents per bunch.

Carnations.	
Red, extra fancy **Belle Washburn**	$2.50 to 3.00
White, fancy	2.50 to 3.00
Pink, fancy	2.50 to 3.00
Our fancy grade of Carnations in lots of 500 or more, our selection, at rate of $20.00 per 1000.	
Sweet Peas, according to quality	.50 to 1.00
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 2.50

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

TRADE STILL VERY QUIET.

Business is very quiet and there has been no change in the market conditions since last week. Stock of all kinds is still very plentiful and is being sold in large lots at unusually low prices. At times during the week it appeared as if conditions would improve, but the demand stopped almost as suddenly as it started; but a change for the better may be expected at any moment, for there seems to be an undercurrent about that bespeaks of better times, and then there is the big prosperity parade scheduled to be held on Monday, April 26. There has been a better demand for roses the past few days than there has for over a week, but prices are still way down and there is a large supply of magnificent stock to select from. Carnations are selling at remarkably low prices by the hundreds and the same holds good for sweet peas which have increased in quantity the past week. Lilies are seen everywhere in large supply and so are gardenias, especially since some eastern houses have started to ship in stock. Orchids are none too plentiful and clean up well, but the prices are not what they should be, which must be expected, for the tremendous supply of other stock that is reaching the market is bound to keep the prices down. Snapdragons are in good supply, but are in good demand and clean up fairly well. Spanish iris is more plentiful and so is Ten Weeks stock. Lupines, gladioli, daisies, candytuft, violets, amaryllis, swainsona,

August Poehlmann.
Re-elected Mayor of Morton Grove April 20.

SNAPDRAGONS

Pink-Yellow, 50c to $1.50 per doz.

Sweet Peas - Iris - Roses - Carnations - Lilies Tulips - Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

USE Budlong's Blue Ribbon Valley.

LARGE CUTS OF
ROSES
FOR
Mothers' Day, May 9

Exceptionally Fine White Killarney, Killarney, My Maryland, Richmond, Sunburst, Ophelia, Russell and Beauties.

CARNATIONS
Good Supply of White, Pink and Red.

While we will have a good supply of Carnations, there will not be enough flowers to supply the demand so push roses on that day. You will find that the public in a great many cases prefer them to carnations, so make allowances for the scarcity of carnations and substitute roses. They will move just as quick. Make up your order now.

When Ordering Remember White Flowers Stand for Mothers' Memory and Colored Flowers for Mothers Living.

Mothers' Day Price List.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**

Carnations, select white	5 00
Good pink and red	4 00
Harrisii	$12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00
	35

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 Chicago

FOR MOTHERS' DAY, MAY 9

Large Supply ROSES AND CARNATIONS

Carnations are in good supply with us but we are strongly urging our customers to carry all flowers for there are never enough Carnations to go around for the occasion. Roses and Sweet Peas are splendid substitutes and you will find it profitable to have a good stock on hand. We are booking orders for Carnations for Mothers' Day at the following prices: White, $5.00 per 100; Fancy Pink and Red, $4.00 to $5.00 per 100. Prices on Roses, Beauties and miscellaneous stock will be the same as quoted in our Current Price List below. Place your order for Mothers' Day as early as possible.

CURRENT PRICE LIST Subject to Change Without Notice.

BEAUTIES.	Per doz.
30 to 36-inch stems	$3.00 to $4 00
20 to 24-inch stems	2.00 to 2.50
15 to 18-inch stems	1.50 to 2.00
12-inch stems	.75 to 1.00

ROSES.	Per 100	
Killarney, fancy		$8 00
" good	$5 00 to	6 00
" short	3 00 to	4 00
White Killarney, fancy		8 00
" " good	5 00 to	6 00
" " short	3 00 to	4 00
Richmond, fancy		8 00
" good	5 00 to	6 00
" short	3 00 to	4 00
Ward, fancy		8 00
" good	5 00 to	6 00
" short	3 00 to	4 00

ROSES.	Per 100	
Sunburst, fancy		8 00
" good	5 00 to	6 00
" short	3 00 to	4 00
Killarney Brilliant, fancy		8 00
" " good	5 00 to	6 00
" " short	3 00 to	4 00
Roses, our selection		3 00

ORCHIDS.	
Cattleyas, per doz.,	6 00

CARNATIONS.		
Carnations		3 00
" special fancy	2 00 to	2 50
" splits		1 50

CARNATIONS FOR MOTHERS' DAY	
Fancy White, per 100	$5 00
Fancy Pink and Red, "	$4 00 to 5 00

MISCELLANEOUS.	Per 100	
Lilies	$10 00 to	12 50
Callas	12 50 to	15 00
Valley	3 00 to	4 00
Sweet Peas	50 to	1 25
Tulips	3 00 to	4 00
Daffodils	3 00 to	4 00
Jonquils	2 00 to	3 00
Violets, single and double	50 to	1 00

GREENS.		
Asp. Plumosus, per string,		$0 50
Asp. Plumosus Sprays, bunch,	$0 35 to	50
Sprengeri, per bunch,	35 to	50
Adiantum, per 100,		1 00
Smilax, choice, per doz.,	1 50 to	2 00
Fancy Ferns, per 1000,		3 00
Galax Leaves, per 100,		1 00
Boxwood, per lb. 25c; 50-lb. case,		7 50
Pussy Willow, per bunch,	35 to	50

pansies, Narcissus poeticus, jonquils, calendulas, mignonette and other miscellaneous seasonble stock is among the offering, and to help increase the already tremendous supply, trailing arbutus, lilac, out-door tulips and out-door lily of the valley made its appearance this week. To sum up the whole market condition in as few words as possible, everything seasonable in cut flowers are for mothers' memory and selling at unusually low prices. Orders for stock for Mothers' day, Sunday, May 9, are arriving and in some instances are being refused, especially where only carnations are specified. It is impossible to state just what stock there will be for Mothers' day, but judging from the present conditions one would play safe by ordering as early as possible and thereby avoid disappointment. When placing orders the buyer would do well to take in consideration that carnations will be none too plentiful and order liberally of roses and other flowers. White flowers are for Mothers' memory and bright flowers are for mothers living, so bear this in mind when ordering. Sunday, May 9, is the day and the time to place orders is right now. Buy from whoever you please, but take a friendly tip from the writer and place your order as early as possible. The temperature has been very warm the past week, and on Monday, April 19, the thermometer registered 84°.

NOTES.

Kyle & Foerster, who have been located on the second floor of the Atlas building since they started in business about seven years ago, have leased the store on the main floor of the same building at 160 North Wabash avenue, which is occupied at present by Harry C. Rowe, and the large basement that was formerly used by the J. B. Deamud Co. as a wholesale store. They have a long lease and expect to move into their new quarters about May 15, and when all their plans are carried out they will have one of the finest and best located wholesale stores in the great central market. Neither William Kyle or Joseph Foerster, the proprietors, need any introduction to the trade for their splendid record that they have made for the few years that the firm has been in existence speaks for itself. The new quarters will give them more floor space than they have now and which is most needed. A few other changes will follow as soon as Kyle & Foerster vacate their present store, but as yet the parties interested have no definite information to give out.

Kellogg M. Patterson, who holds the position as publicity director for Wm. Hale Thompson, says all the florists are cordially invited to participate in the prosperity parade, which is non-political and is to be held Monday, April 26. A. Lange, John Mangel and others have practically closed arrangements to enter at least one floral float and this is a splendid opportunity for all in the trade to make a showing and help a good cause along at no entry cost whatever. Anyone who is desirous of entering the parade should get in touch with the committee, whose headquarters are in Room 944 in the First National Bank building, as early as possible. The trade will form in line at 1 o'clock Monday, April 26, and all gasoline machines will cross over Peck court viaduct in driving. Get busy, everybody, and show the other lines what the florists can really do.

Miss Virginia Poehlmann, of Morton Grove, has been chosen to break the bottle of wine in christening the new road at Niles, six miles of concrete construction, April 22.

Pyfer & Olsem, of Wilmette, planted their carnations out in the field, Thursday, April 22.

Arbor day for spring in this state is April 16 and for fall, October 22.

PERCY JONES
INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

Spirit Netting
3½ cts.
Per Yard.

BIG SUPPLY of ROSES

WHITE KILLARNEY -- KILLARNEY
BEAUTIES-RICHMOND-SUNBURST

For Mothers' Day, May 9

CARNATIONS

Large supply of White, Pink and Red in all the best standard and best new varieties.

For Mothers' Memory Order Flowers White;
For Mothers Living Order Flowers Bright.

Place your order with us as early as possible, for there is always a big demand for Roses and Carnations on this occasion. Push Roses as well as Carnations and you will find that they will sell as readily and even better on account of the very reasonable prices that we are quoting. Get in touch with us right away in regard to your supply.

Mothers' Day Price List:

Buy from us and get the best stock in the market at the most reasonable prices.

American Beauties	Per Doz.
36-in. stems	$4.00
30-in. stems	3.00
24-in. stems	.50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.0
Medium	5.00
Short	4.00

Sunburst	Per 100
Extra Special	$8.00
Selects	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Carnations	Per 100
Fancy White	$5.00
Fancy Pink and Red	4.00

Lilies, Fancy— Per 100, $12.50 to $15.00

	Per 1000
FERNS	$3.00
SMILAX	doz., $2.50
ADIANTUM	1.00

SPRENGERI und ASPARAGUS SPRAYS, per bunch, 50c

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

HEAVY SUPPLY OF ROSES

For Mothers' Day, May 9

White Killarney, Pink Killarney, Killarney Brilliant, Richmond and Sunburst.

Remember when ordering that White Flowers are for Mothers' Memory and that Bright Colored Flowers are for Mothers Living. Unusually large crops will enable us to take care of a large number of orders.

CARNATIONS--SWEET PEAS

Carnations always play an important part in the Mothers' Day trade, but this year Sweet Peas will have a good call, for the extra large crops of the Fancy Butterfly Sweet Peas in the desired colors will furnish a splendid substitute, for there are hardly ever enough carnations to go around on this occasion. The Mothers' Day trade promises to be larger than ever this year, so protect yourself by placing your order with us well in advance.

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

Poehlmann Bros. Co. is booking a large number of orders for the Hughes' Mothers' day box, of which it has the exclusive agency, and some of them can already be seen featured in the window displays of the alert florists. The Hughes' box is very appropriate for the occasion and can be had in lots of 10 or more. In the cut flower department some very choice Mrs. Chas. Russell roses are now arriving in quantity and the same holds good for stock in general.

Peter Reinberg has been inadvertently advertising a seedling carnation under the name of Josie Merle, which really should be Zoe Symonds, according to W. T. Symonds of Decorah, Ia., who has registered it under that name. This seedling appears to be very promising and to avoid any misunderstanding in the future the beautiful variety will hereafter be known as Zoe Symonds.

Kennicott Bros. Co. received its first shipment of cut lilac on April 20. H. B. Kennicott says that the latest reports from the firm's peony growers is to the effect that the crops will be late and short, which is attributed to the dry summer and fall. This will not affect the Kennicott supply, for their increased acreage will easily make up the difference.

C. L. Washburn says that Bassett & Washburn have already set out over 75,000 carnations in the field, but that the planting did not start as early as last year, when it commenced on April 1. Mr. Washburn says that the demand for roses is improving and expects to see a big change in the market conditions soon.

Wietor Bros. are having a big run on rose stock, especially 2-in. Killarney Brilliant, of which they have a large supply. In speaking of the Mothers' day trade, N. J. Wietor says that there is already a demand for white carnations for this occasion and that some buyers are ordering liberally of roses as well.

The Chicago Flower Growers' Association is offering a good supply of splendidly grown Killarney Queen roses and the first Lilium candidum of the season at its store this week. Paul Klingsporn says that Michael Fink, who is his right hand man, has been on the sick list since April 18.

At Zech & Mann's store fancy sweet peas are arriving in exceptionally large quantities and the first pick of the spring blooming stock reached this store on April 20. John Zech has been bothered with a severe cold the past week, but is on the job every hour of the day as usual.

Miller & Musser are offering a nice supply of orchids at their new wholesale store at Lake street and North Wabash avenue. The daily receipts of roses at this house include a good supply of Perle which have not been seen in any great quantities in this market for a long time.

At J. A. Budlong's store lily of the valley is in good demand for wedding work and cleans up fairly well each day considering the general market condition. Inquiries regarding stock for Mothers' day are numerous and several nice orders have already been booked.

R. J. Windler, who is engaged in the trade in St. Louis, Mo., will remove to this city May 1, having leased one of the places owned by his father-in-law, Adam Zender, in Rogers Park. He will grow flowers for the market.

O. A. Tonner says that snapdragons have been in good demand right along, notwithstanding the large supply of other stock that is reaching the market. Spanish iris is now seen in large supply at this store.

USE Budlong's Blue Ribbon Valley.

The George Wittbold Co. has just received a second importation of boxwood and bay trees. The landscape department has about all the work that it can conveniently handle and is taxed to its utmost.

Percy Jones is having a special sale on spirit netting this week. This firm is handling a large supply of carnations and are booking a large number of orders for same for Mothers' day.

The Garland Manufacturing Co. of Des Plaines booked a nice order this week for a new greenhouse to be delivered to a florist in Iowa.

A. E. Hunt & Co. are cutting a good supply of daisies and lupines, which clean up well at their wholesale stand each day.

George Reinberg has had a good demand for American Beauty bench plants and is all sold out in this variety.

Chas. L. Huffert has a beautiful window display of rambler roses at his store at 4053 West North avenue.

V. Bezdek of Wilmette has just bought a new seven-passenger Moline-Dreadnaught touring car.

The E. F. Winterson Co. is showing the first trailing arbutus of the season this week.

Jens Jensen is conducting a Home Garden and Farm department in the Examiner.

Large Supply of Fine Stock for

MOTHERS' DAY--MAY 9

White Flowers for Mothers' Memory;
Bright Flowers for Mothers Living.

Roses and Carnations as usual will be our leaders but we are strong on all seasonable stock and will fill your orders to your satisfaction at prices that are reasonable. It is advisable to place your order early for there is always a big demand for stock and by doing so you will avoid disappointment.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph St., L. D. PHONE, RANDOLPH 6578 **Chicago, Ill.**

ORDER YOUR ROSES AND CARNATIONS NOW FOR

Mothers' Day, May 9

Our stock is the aggregate output of approximately 75 expert growers, which will enable us to fill your order right. We are booking orders now for White Carnations at 5 cents and Pink and Red Carnations at 3 and 4 cents. Roses will run from 3 to 10 cents. In addition to Roses and Carnations we have a complete line of all other seasonable Cut Flowers and Greens, so get in touch with us immediately in regard to your supply for Mothers' Day. **Play Safe—Order Early.**

Chicago Flower Growers' Association,

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Avenue, L. D. PHONE, RANDOLPH 5449 **Chicago, Ill.**

ROSES AND CARNATIONS

In Large Supply for

MOTHERS' DAY, SUNDAY, MAY 9.

You can get what you need from us in both Roses and Carnations as well as everything else in Seasonable Cut Flowers and Greens. There is always a big demand for stock on this occasion so place your order with us as early as possible and insure your supply. When making up your order kindly remember that we have a regular supply of choice Orchids and Sweet Peas.

MILLER & MUSSER

WHOLESALE FLORISTS

179-181-183 North Wabash Ave., **CHICAGO**

FOR

MOTHERS' DAY. SPRING WEDDINGS.

Anything and Everything that the market affords in both Cut Flowers and Greens—Particularly Choice.

ROSES--CARNATIONS--VALLEY--SWEET PEAS

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Prices As Low As Others.

President Rudd, of the Horticultural Society, calls attention to a joker in the park consolidation bill now before the legislature, citing article four, section five, which he says plainly provides that the city council by a three-fourths vote "may discontinue any parks or any part thereof," and may "dispose of the land." "If a portion of Lincoln park had been 'discontinued' and 'disposed' of, the armory could have been erected. This section should be stricken out or at least a strong referendum provision should be added."

Peter Reinberg, president of the Forest Preserve Commission, says no action will be taken in forest preserve matters until the constitutionality of the law and the validity of the bond issue have been tested. These questions will probably be decided at the June term of the supreme court.

Eugene B. Bowen is well pleased with trade at his new store at 108 East Fifty-first street, which he opened a few weeks ago. He was formerly in the employ of Zalinger & Hirsch, who operate the store in the rotunda of the Insurance Exchange building.

A. L. Vaughan, of A. L. Vaughan & Co., is the proud owner of a new Moline-Knight touring car. Mr. Vaughan is particularly pleased with the Knight engine and selected the Moline-Knight on this account more than anything else.

P. J. Foley's family is planning to spend the summer at Lake Geneva, Wis., and the head of the house expects to indulge in his favorite sport of fishing there as frequently as he can get away from business.

Frank Ayres, of the Chas. W. McKellar force, has been troubled more or less the past week with malaria, which he contracted in Cuba while he was serving as colonel in the United States army.

It is stated real estate agents are negotiating with one of the down-town florists for the lease of Huyler's store, 35 South State street, that candy business moving to Michigan avenue next month.

N. I. Stuart, who has charge of the store known as the Flower Market at 6 East Monroe street, likes the florist business first rate and always has a nice showing in his window.

A. Lange says the first week's business of his new flower booth in Chas. A. Stevens & Bros.' State street store was quite satisfactory.

The proprietors of the Kaiserhof hotel are reported anxious to lease one of the new stores to a florist.

Manager Tricker, of Vaughan's Greenhouses, has returned from the east after an extended business tour.

S. W. Coggan, of Battle Creek, Mich., spent several days here last week.

Visitors: S. W. Coggan, Battle Creek, Mich.; R. DeJonge, representing Schortinghus & DeJonge, Boskoop, Holland; C. Hansen, St. Paul, Minn.

Los Angeles.

SPRING FLOWER SHOW.

Owing to the wind storm of April 13, the Pasadena flower show instead of being held in the large tent on Hotel Maryland grounds, was held down town in a business block. Luckily the wind occurred the night before the show was to open, consequently not many exhibits were in place. Perhaps the severest individual damage was done to the exhibit of the Clemence Nursery of Pasadena. Mr. Clemence had nearly completed construction of a handsome summer house, in which he was to make his exhibit. The wind blew the tent down and wrecked his summer house, costing him in the neighborhood of $100. The Pasadena people all went "to the bat" and opened the show as scheduled in the town quarters. The Los Angeles County Horticultural Society accepted their invitation to visit the show, going over in a body, Friday evening, April 16.

Under the circumstances, taking the show as a whole, it was indeed a rare treat for all visitors. Among those exhibiting a few words of pleasant comment may be said of the following exhibits:

In the writer's opinion the best individual exhibit was that of the Edward H. Rust Nurseries, of South Pasadena, Calif. He selected a corner, and displayed the larger varieties against the wall, working down a scale to the small annuals and perennials. Among the most notable varieties shown were: Clematis Henryii and Sieboldi, in bloom; Pyrus spectabilis and the double flowering cerasus; Acacia saligna in bloom, and a new deep red rose, called Francaise Crouse, among many others.

The rose display by Henry Turner, of Montebello, Calif., was indeed striking, not for the number of different varieties, but for the splendid blooms of the following varieties: Mrs. Geo. Shawyer, September Morn, J. L. Mock, Killarney Queen and Prince D'Arenberg.

The Germain Seed Company's exhibit which consisted of rare pot palms, bay, box and others, was in a class by itself, as was the display of Dieterich & Smith.

The tropical fruit exhibits of the West India Gardens, of Altadena, and C. P. Taft of Orange, Calif., were both interesting and educational, taking the time and attention of many of the visitors.

The tulip display by John H. Teekamp of Pasadena and the iris exhibit by the Dean Iris Gardens, of Moneta, Calif., should in no way be passed without favorable comment, for both contained well grown blooms and were artistically arranged.

An elegant show of cinerarias was on display, but no name of the exhibitor could be found.

Many small displays of roses and other flowers took much time of the visitors. The General McArthur seemed to predominate and was highly praised.

NOTES.

Howard & Smith's trade mark was practically destroyed on the afternoon of April 13 by a severe wind storm which swept the city. This trade mark, and also a land mark, was the Eucalyptus citriodora tree, which was planted more than twenty years ago when it was a slender wisp, scarcely 18 inches high. Before its top was laid low its height was estimated at more than 135 feet. The lowest branches were about 120 feet from the ground. The wind snapped off the top 56 feet. The base of the tree is only a foot in diameter, smaller, it is believed, than that of any other tree in the country that has reached as great a height. Two years ago a steeplejack placed a pulley and flag rope about 100 feet from the bottom of the tree. It is planned to keep what remains standing as a flagstaff, and to give the tree treatment, calculated to cause it to put out new branches.

Theo. Payne says business is picking up. He has just sold to the city several hundred specimen of Chamaerops excelsa to the city, which are in concrete boxes and placed at regu-

Your First Order To Us

will add another **satisfied** customer to our list, and will prove the **advantage** of placing your order for cut flowers

Direct With The Grower.

Send us a trial order for **quality** stock in

CARNATIONS-ROSES-ORANGE BLOSSOMS.

You will be pleased with both our **quality** and **service.**

Fairview Greenhouses
Belvidere, Illinois.

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

George Reinberg
Wholesale Florist

Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. **Try us.**

162 N. Wabash Av., CHICAGO

lar intervals along the main streets of the city.

Frank Lewin, of Hawthorne, has just entered the rose field. On a recent visit here, he brought in a basket of well grown buds of the newer sorts, and if he continues to grow such blooms, his success is certain.

Miss Sadie A. Thomas, noted chrysanthemum grower of Pasadena, has just issued a very neat catalogue listing nothing but her late introductions, and is looking for a banner year for the 'mums.

Staiger & Munwiler are having a splendid display of azaleas at their show rooms on West Washington street.

The firm of Roeding & Wood report an excellent year on roses, having sold out practically all bare roots.

HAL STRAW.

Tacoma, Wash.

PLANT SALES BULK OF EASTER TRADE.

Without an exception all the florists had a good Easter trade; plenty of flowers of all kinds with the possible exception of good roses. Easter lilies were in over-supply; yet prices were held firm, although never before has the demand called for so many, all churches being nicely decorated with plenty of them, and the great abundance of narcissi, tulips and hyacinths, brought in from outside blooming, made a great display. Saturday and Easter day were almost ideal as to weather, and that of course made handling easy, with safe perfect delivery of plants and flowers. Practically no cover or wrapping was needed to insure good condition when a delivery was made.

Pot roses and azaleas were just about equal to demand, but the crimson rambler was not to be found anywhere. Some well grown Dorothy Perkins were to be had, but did not sell because cheaper plants were asked for.

The violet supply from California is about over for this season and shipments were not so good upon arrival. Taken all around, Easter business showed a gain, but never before did half so many good flowers remain unsold. Pot plants were sold quite extensively, especially cheaper priced plants, and the question now comes up—What will be the net profit when all the extra cut flower losses are counted up? We suspect last year's Easter trade will show the most profit.

Never before have we enjoyed a more beautiful, advanced springtime, and the call for bedding stock has begun, so from now on the bench spaces will be relieved and contents of the safety deposit boxes increased—maybe.

S. G. H.

H. B. KENNICOTT, PRESIDENT F. KENNICOTT REILLY, VICE PRES.

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Wholesale Flower Markets

	Current Price List.	Per doz.
Roses, Beauty, specials		$4 00
" " 36-in.		3 50
" " 30-in.		3 00
" " 24 in.		2 50
" " 20-in.		2 00
" " 15-in.		1 50
" " 12-in.		75@1 00
" Mrs. Chas. Russell		1 00@ 3 00
		Per 100
" Killarney Brilliant		2 00@10 00
" Killarney		2 00@10 00
" White Killarney		2 00@10 00
" Richmond		2 00@10 00
" Prince de Bulgarie		2 00@10 00
" Rhea Reid		2 00@10 00
" My Maryland		2 00@10 00
" Mrs. Geo. Shawyer		2 00@10 00
" Milady		2 00@10 00
" Sunburst		2 00@10 00
" Mrs. Aaron Ward		2 00@10 00
" Hadley		2 00@10 00
" Ophelia		2 00@10 00
" Our selection		3 00
Carnations		1 00@ 3 00
Cattleyas	per doz.,	4 00 to 6 00
Daffodils		3 00@ 4 00
Gardenias	per doz.,	3 00@ 4 00
Gladioli		6 00@ 8 00
Jonquils		3 00@ 4 00
Lilium Harrisii		10 00@12 50
Romans		2 00@ 3 00
Snapdragons	per doz.,	50@2 00
Spanish Iris		6 00@ 8 00
Sweet Peas		75@ 1 50
Tulips		3 00@ 4 00
Valley		3 00@ 4 00
Violets		50@ 1 25
Adiantum Croweanum		1 00@ 1 50
Ferns		3 00
Galax	"	1 00@1 25
Leucothoe		75@ 1 00
Mexican Ivy	per 1000,	5 00@6 00
Plumosus Strings	each,	60@ 75
Smilax	per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays		3 00@ 4 00
Boxwood, 25c per lb.		

ZECH & MANN
Wholesale Florists

30 East Randolph St., - - Chicago
Telephone, Central 328
Mention the American Florist when writing.

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster
WHOLESALE FLORISTS
162 N. Wabash Ave., Chicago
Long Distance Phone, Randolph 3619
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John Kruchten,
Wholesale Cut Flowers
162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.

Wietor Bros.
Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago

HOERBER BROS.
Wholesale Growers of **Cut Flowers**
Telephone Randolph 2758.
Greenhouses: DES PLAINES, ILL.
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Joseph Ziska & Sons
151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

USE **Budlong's** Blue Ribbon Valley.

EXTRA FINE FANCY FERNS, 1000, $2.50
DAGGER FERNS, Extra Long, 1000, 2.00

This is the time of the year when you need good Ferns. We have them and you will find them the best you ever bought.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

SUPPLY HEAVIEST IN HISTORY OF TRADE.

The past week has been a nightmare to the wholesale men; never in the history of the business has there been so many flowers thrown on the market at one time. The weather has been bright, but cool, fine for handling and keeping stock. At the same time business has been poor, nothing particular going on in the social world. Quite a number of the stores, owing to the low prices of flowers, are running "specials," offering roses, carnations and other stock at prices away below the normal; this relieves the situation somewhat, but is too spasmodic. That a much larger amount of stock could be moved in this way is certain, provided it was kept up long enough for one's customers and the general public to find it out. Such selling in retail stores that cater to the better class of trade, is an innovation, which, to be successful, should be conducted with system. A concise circular should give the reason for the low prices, and a stock worth while carried during the time of the special sales. A lot today and none tomorrow is too haphazard on which to build up a trade. The Wanamaker department stores are increasing their space for the sale of cut flowers. Mr. Earnshaw, of the S. S. Pennock-Meehan Co., who is furnishing the stock, says they handle 200,000 flowers a day. This is sold on the 50-50 basis, half of the proceeds being taken by each of the concerns. Any waste is unaccounted for. This should open up a great outlet for the surplus; prices rule low, but are probably all the stock is worth. The stand or stands present a very mussy appearance, as is natural under the conditions. The space used is in a center aisle in the basement, with no protection for the stock, which is mauled over by the purchasers and much of it damaged in this way. It is not boxed and must be carried away by the purchaser. Methods such as these seem very crude and no credit to either party concerned. The quality of the stock coming in, considering the great quantity, is very good. Some of the roses are a trifle mildewed, but nothing serious. Snapdragon is probably the greatest overstocked article and very fine spikes go "a begging" at any old price, selling as low as $1 to $1.50 per hundred for three to four foot stalks. Buyers' prices prevail on all other stocks and the cold storage facilities are taxed to the utmost to handle it. It was said on Saturday night, April 17, that the worst was over and there would be a shortening up and general stiffening of prices for next week.

Mothers' day will soon be here and it is up to the trade to make it a floral event of importance. Let every one boost Mothers' day—talk it up, make a fuss about it, believe in it, get enthusiastic over it, and something will surely come out of it to crown your efforts. The florists of other cities have pulled together on this issue and have built up a wonderful trade. Why not make this city, the birthplace of the idea, a leader? The sentiment is here; it is only waiting to be awakened. Get together, boys, and arouse it.

NOTES.

Henry A. Dreer is getting a spring rush on that promises to eclipse all other seasons and is prepared for it with an enormous stock in all lines. Pot roses, a specialty at this establishment, are seen by the hundred thousand.

The Robert Craig Co. is filling the spaces in their houses made empty from the Easter stock with bedding plants, which are sold here by the thousands.

Edward Reid relieved the situation at his crowded house by large out-of-town shipments, his southern trade coming to the rescue at a very opportune time.

The Jos. Heacock Co. is sending in some very fine Lady Hillingdon roses,

Wholesale Flower Markets

BOSTON, April 21.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, April 21.	
Roses, Beauty, special, doz.,	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 8 00
" White Killarney	3 00@ 8 00
" My Maryland	3 00@ 8 00
" Killarney Queen	3 00@ 8 00
" Richmond	3 00@ 8 00
" Sunburst	3 00@ 8 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	30 00@40 00
Carnations	1 50@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Violets	30@ 50
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns, per 1000	2 50
Smilax	15 00

CINCINNATI, April 21.	
Roses, Beauty, per doz.	$1 00@$3 00
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	4 00@ 8 00
Asparagus Plumosus, per bch., 25c	
Carnations	1 00@ 2 00
Hyacinths	3 00
Orchids, per doz.	3 00
Sweet Peas	25@ 50
Jonquils	1 00@ 2 00
Rubrum Lilies	2 00@ 6 00
Tulips	2 00

ST. LOUIS, April 21.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	4 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	6 00@10 00
Valley	3 00@ 4 00
Carnations	1 00@ 2 00
Orchids	35 00@50 00
Violets	25@ 40
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	6 00
Jonquils	2 00@ 3 00
Sweet Peas	25@ 75
Callas	6 00@ 8 00
Ferns, per 1000	2 50
Leucothoe, per 100	60
Galax, per 1000	1 25

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

USE **Budlong's** Blue Ribbon Valley.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

CORSAGE PINS.

With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz.....$0 15
Gross (12 doz.)..... 1 00

CORSAGE FOIL

Can be had in either green or violet color.

Per lb.....$0 25
10 lbs. and over at..... 20
20 lbs. and over at..... 18

CORSAGE CORDS

(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

—Write for complete list of other items.—

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

White and Pink Killarneys are also seen in large quantities.

The Leo Niessen Co. is making great preparations for Mothers' day. They will be especially strong on carnations.

Berger Brothers are handling some very choice orchid peas. Maryland roses are also a feature. K.

Toledo.

1914 EASTER SALES ECLIPSED.

Although some days have passed since the Easter rush, both retailers and growers of this city have not yet quite recovered their breath from the rush of business that fairly overwhelmed each and every one of them. The weather, while cold, was bright and sunny, ideal for deliveries, and the stock that was offered the public was the best of recent years. Plants of all kinds were in the pink of condition and consequently this was undoubtedly a plant Easter, though cut flowers had a remarkable sale. Lilies are gradually sharing honors in popularity at this season with the more showy and colorful azaleas, rhododendrons and hydrangeas. In fact, all sorts of plants sold in a very encouraging manner. Large pots of tulips in red, white and yellow were disposed of in great quantities. Rambler roses were more wanted than ever before. Cut flowers, especially those that adapt themselves to the making of corsages, were in strong demand. Violets were easily favorites and the supply was not equal to the demand. Sweet peas were also fine sellers, as were roses and carnations. A large amount of funeral work was turned out at the same time and helped materially in increasing business.

NOTES.

Miss Helen Patten was one of the florists who worked all night to take care of her patrons who wanted corsages for Easter Sunday. She says she is immensely pleased the way business turned out.

Mrs. J. B. Freeman reports one of the best seasons that she has ever enjoyed. Her window, always attractively trimmed, was especially beautiful during Easter week.

Metz & Bateman, Madison avenue florists, have been doing a remarkably fine business of late. This popular firm has been kept busy with funeral work.

Schramm Brothers had to engage three extra delivery autos in order to promptly deliver all the flowers and plants bought at this popular flower shop. K.

Wholesale Flower Markets

PHILADELPHIA, April 21.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus.....per bunch.	50

PITTSBURGH, April 21.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
" Killarney	3 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	4 00
" Sweetheart	2 00
Carnations	2 00
Cattleyas	75 00
Lilium Giganteum	8 00
Valley	4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
White Lilac.....per bunch,	75
Asparagus Sprengeri, per bunch,	35@40
" Sprays.....per bunch.	35@40

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, April 21.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@ 8 00
" Ward, Sunburst	3 00@ 8 00
" Mrs. Chas. Russell	10 00@25 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	1 00@ 3 00
Lilies	8 00@10 00
Snapdragon, per bunch, 25c @ 50c	
Sweet Peas	50@ 1 50
Valley	2 00@ 4 00
Tulips, Freesia	2 00
Daffodils, Trumpets	2 00
Romans, Paper Whites	2 00@ 3 00

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.
Case of 100 Bulbs, $6.95
300 Bulbs, $18.00
1200 " 70.00

C. S. & CO
NEW YORK

LILY OF THE VALLEY PIPS
1000 Pips, $15.00
2500 " 35.00
$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

SPECIAL STOCK MOVES BETTER.

For the past week there was some improvement in business. Saturday, April 17, and Sunday following being a fair day, there was considerable trade in the forenoon, so stock was pretty well cleaned up but at low prices. Monday opened very quiet with a rather lighter supply, but plenty of stock. Lily of the valley has been somewhat off crop and advanced in price. Lilies are plentiful and hard to move, and the same may be said of carnations. Southern jonquils are here in quantity, but it is hard to see how enough can be got out of them to pay the expressage. American Beauty roses did not rise above $25 per hundred, and few bring that. The general run of tea roses are cheap, some special stock moving better.

April 20.—This was the hottest April 20 on record, the temperature being 80 degrees in the street. The cut flower trade is much depressed but the seed and plant lines are fine.

NOTES.

G. E. M. Stumpp, of Fifth avenue and 58th street, is going to open a store at Southamption, N. Y., this summer. This is one of the most fashionable resorts of Long Island. Mr. Stumpp's well-known ability is sure to make this venture a success.

Richard Vince, lately superintendent of a large estate at Savannah, Ga., is spending a few weeks in this city and vicinity. He will accompany C. H. Totty to California, and later intends to visit Australia.

It is understood that P. J. Smith, successor to John I. Raynor, will soon remove to 131 West West 28th street, the store just vacated by Traendly & Scheneck.

The throwing into a receivership of the Greenhut department store affected some of the wholesale florists but it is hoped that they will eventually be paid.

Peter F. McKenny had recently a fine decoration at one of the country clubs in an up-river town. The details were attended to by Arthur Merritt.

Traendly & Schenck are now well established in their new store, 436 Sixth avenue, and trade is following them.

There will be a meeting of the stockholders of the New York Cut Flower Exchange, May 1, to select directors.

M. A. Bowe had five or six wedding decorations in Easter week as well as much other good business.

J. K. Allen is now in his new store, 118 West 28th street, and business has started out well.

A. F. F.

SPRINGFIELD, MO.—C. H. Hollied, florist, of Eldora, Ia., has purchased property in this city. He has been offered the position of landscape gardener for the public park system, and will probably establish his home here.

BOSTON, MASS.—Beginning Thursday, April 22, and continuing every Thursday afternoon at 3 p. m. until July 1, the management of the committee on gardens of the Massachusetts Horticultural Society will hold a series of meetings at the Arnold Arboretum.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Albany, N. Y.

STORM FAILS TO STOP EASTER TRADE.

Reports on Easter trade are encouraging. On the whole the returns show that the volume of business was equal to a year ago, and here and there an enthusiastic report is to be had, that it was even better. A snowstorm which broke over the city about 5 p. m. the day before Easter put a severe check to the retail trade for the evening. On the following morning, about 9 o'clock, the snow was pretty well turned into rivulets, and people came out to patronize the florists. In the plant line red and pink azaleas were in the lead. Stock was well cleaned up with the exception in some stores of expensive plants that retailed for $5 each and upward. There was a good demand for first-class crimson ramblers and roses of that type of newer varieties, but only one or two retailers had enough stock to supply the demand. In the cut flower line, the demand for violets was even better than a year ago, and many of the retailers sold out on Saturday and orders for additional supplies were telephoned to Rhinebeck and other near-by places. Corsage bouquets sold well, and hundreds were made up by the retailers. Combination bouquets made up in lily of the valley, sweet peas and orchids sold well. Competition for Easter business this year was keener than ever. A number of small stores were opened to catch trade during the week, but notwithstanding the number catering to the demand the sales of the regular retailers showed no curtailment. On Sunday morning the demand for automobiles and wagons for delivery service was heavy.

NOTES.

During the week of March 29-April 3 the garden committee of the Albany Woman's Club took charge of the sale of one cent packets of seeds to the school children. The seeds were supplied by Louis H. Schaefer & Son, 102 Hudson avenue, whose facilities were at the disposal of the committee for the week. The club has divided the gardening competition into 16 classes to include, individuals and schools, plants, flowers and vegetables. In July Miss Virginia Hastings, superintendent, will visit each child who bought seed and in August she will visit each garden. In September a committee of three from the club will visit the gardens selected by Miss Hastings as the most promising and from these the committee will select the prize winners. The sale of the seeds, it has been decided by the club, shall continue through April.

Where is Louis Caranzales? This is the question that several wholesalers and growers in this section are asking. Louis disappeared from the city at noon on Easter, owing the growers and one wholesaler from $50 to $204 each, hence the anxious questioning.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Caranzales a few days before Easter rented a vacant store at 8 South Pearl street and was able by his plausible arguments about being backed by his father, to secure stock on credit. He did business, for he sold azaleas for which the other retailers were getting $4 and $5 apiece for $1.25 and $1.50. He was anxiously sought on Sunday, but could not be found and has not been seen hereabouts since.

Thomas F. Tracey, manager of the Albany Cut Flower Exchange, reported that sweet peas, orchids and American Beauties led in the cut flower line with him. Of lilies the trade took 1,000 pots and the stock of 400 azaleas was cleaned out in short order. The storm of Saturday evening brought a sharp halt to the demand from the retailers.

John M. Tracey, brother of Edward P. Tracey of the Rosery, and Thomas F. Tracey of the Albany Cut Flower Exchange, has opened a retail store at 6 Clinton avenue. Mr. Tracey was formerly gardener at the executive mansion.

H. E. Van Wie, who conducts a retail store at 121 Northern boulevard, will retire from business on May 1. No successor is announced.

R. D.

J. K. ALLEN
Established 1878
106 West 28th Street
New York
Wholesale Commission Dealer in Cut Flowers.
Now prepared for Winter Business.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer
Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi
Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

Lowell, Mass.

CITY BEAUTIFUL CAMPAIGN OPENS.

With Middlesex hall crowded to its capacity with visitors, numbering in thousands, inspecting a floral display never equaled in this city, the Lowell Board of Trade and the Middlesex Women's Club opened the local campaign for a city beautiful. The exhibits of flowers were magnificent and the display of nursery stock extensive, far exceeding the most sanguine expectations of the promoters, and the exhibitors have practically agreed to make plans at an early date for another flower show next year on a much larger scale. A feature of the evening session was an illustrated lecture by S. Wales Dixon, superintendent of recreation for the city of Hartford, Conn., his subject being, "Recreation in Hartford." In showing his lantern slides, nearly 100 in number, he presented the growth of the park system in that city, not only for the recreation of children, but also the enjoyment of the grown-ups.

The exhibits were numerous, varied and of uniform excellence in both quality and arrangement. Among the exhibitors were the following:

Florists and growers—John T. Gale, Tewksbury; Whittet & Co., Lowell; J. L. Kenney of Whittet & Co., Lowell; Frank P. Putnam, Pleasant View Gardens, North Tewksbury; Backer & Co., Billerica Centre; Albert Roper, Tewksbury; Morse & Beals, Lowell; Harvey B. Greene and his gardener, Francis Moriarty, Lowell; L. E. Small, Tewksbury; Patten & Co., Tewksbury; J. K. Chandler & Sons, Tewksbury; Robert P. Christofferson, South Lowell; John S. Haynes estate, Lowell; Shepard's Gardens Carnation Co., Lowell. Nurserymen — James J. McManmon, Brookside Nurseries, Dracut; George B. Wright, Robin Hill Nurseries, Chelmsford. H. T.

GREEN BAY, WIS. — The Meier-Schroeder Co. will move May 1 to more commodious quarters at 119 North Washington street.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, April 21.

	Per 100
Roses, Beauty, special	10 00@20 00
" " extra and fancy	8 00@10 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	1 00@ 6 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	4 00@ 6 00
" Mrs. Geo. Shawyer, special	3 00@ 6 00
" " " extra	2 00@ 3 00
" " " No. 1 & No. 2	50@ 2 00
" White Killarney, special	4 00@ 6 00
" Killarney, My Maryland... special	4 00@ 5 00
" " No. 1 and No. 2	50@ 2 00
" " Queen, special	2 00@ 5 00
" " Brilliant	50@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 5 00
" Sunburst	50@ 6 00
" Taft	50@ 6 00
" Milady, special	50@ 6 00
" J. L. Mock	1 00@ 6 00
" Hadley	1 00@15 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	50@ 2 00
Cattleya Orchids, special	25 00@50 00
" inferior grades	15 00@20 00
Jonquils	1 00@ 1 50
Lilies, Longiflorum and Harrisii	2 00@ 4 00
Lily of the Valley	1 00@ 3 00
Tulips	1 00@ 1 50
Violets	15@ 35
Gardenias....per doz., $1.00@$2.00	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	1 25@ 2 00
Paper White Narcissus, doz., $1.50@$2.00	
Sweet Peas, per doz. bunches.	.35@ .50
" " Spencer type, 100 flowers.	.50@1.00
White Lilac .....per bunch.	50@ 75

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
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WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
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The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
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The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

THE SEFTON MFG. CO.,
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New Orleans.

CLUB MEETING.

The regular meeting of the New Orleans Horticultural Society, with President P. A. Chopin in the chair, was held in the Association of Commerce rooms, Thursday, April 15, and plans were made for the flower show which will be held in the Athenaeum, May 6-9, these dates being decided upon following a conference with women connected with the home garden movement of the Federation of Women's Clubs. President Chopin explained to the women that the florists were willing to give the show, provided they found that there was to be co-operation by the public. He promised the help of the florists to the home garden movement in the way of advice regarding planting and said that the object of the flower show is to help the city beautiful movement. Persons dealing in articles to hold flowers, such as hanging baskets, and other articles used in decoration, may participate in the show. H. Mische, who took space, stated that he desired to permit the children at Thomas J. Semmes school to use it for their exhibit. He was given permission and President Chopin stated that the florists were especially anxious to interest the school children and will set aside Saturday of the exhibition period for their attendance at the show. Mrs. J. Michaelis, president of the ward clubs of the home garden movement, pledged the co-operation of the women. A special meeting will be held April 29 at headquarters, Association of Commerce hall.

NOTES.

This city never looked gayer than at the present time. After a long, steady, cold winter, just above freezing point, vegetation having received a good rest, the warm weather came on, and roses and geraniums put forth their flowers by the thousands, pansies, phlox, and verbenas, with other annuals vying with each other to share in the honor of making the "Crescent City" a garden of flowers.

Metairie Ridge Nursery Co., and the Kenner Street Railway Co. came to an amicable arrangement over the right of way through the former's property.

C. R. P.

Minneapolis, Minn.

FUNERAL WORK HELPS MARKET.

The demand here the past week has been spasmodic; some days good, and others very quiet. There has been quite a lot of funeral work which used up considerable stock, and weather being so fine that it created a good demand for corsages. Violets are about gone with the hot weather. Tulips and daffodils are in good supply at two cents, roses vary from two to six cents, and carnations bring from $1.50 to $3 per hundred. Some fine snapdragon is in and brings from five to eight cents, but it finds very slow sale.

NOTES.

L. S. Donaldson Co.'s greenhouses are filled again with ferns and bedding plants after the Easter rush.

The greenhouses at the outskirts of town have put on a spring appearance with bedding and blooming plants.

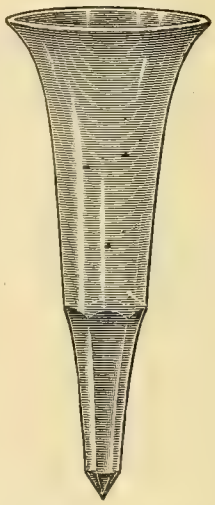
Cal Rice, of Rice Bros., has returned from a fishing trip to Knapp, Wis., with 42 "speckled beauties."

H. B. Whitted has attractive window displays and has been very busy with other work.

F. B. Sargeant, successor to W. S. Hall, Osage, Iowa, called on the trade last week.

Thomas H. Hall is cutting some very fine snapdragon that brings top price.

Visitors: Jos. U. Dumas, Idlewild Gardens, St. Vital, Man.; F. S. Smedley, Fargo, N. D.; J. H. Ryan, Humboldt, Iowa. T. R.



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MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth
Can be supplied in green or white
Doz., $2.50; barrel of 3 doz., $6.00,
f. o. b. Chicago.

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We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov	$1 60
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18x 5x3 " "	1 60
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24x 5x3½, 2-in. Cov	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

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Long Green Leucothoe, $2.00 per 1000.
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Short Green Leucothoe, 75c per 1000.
Ferns (Fancy and Dagger) 70c per 1000, or $3.25 per case of 5000.
Galax (Bronze and Green) 45c per 1000, or $3.75 per case of 10,000.

Fresh Fancy Stock. Your Business is Solicited

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New Crop Wild Smilax

Now ready for shipment,
$2.50 per case.
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E. A. BEAVEN, Evergreen, Ala.

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Natural and Perpetuated Moss.
Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA.

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Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

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Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

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Write us for Booklet M.

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Established in 1857.

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L. D. Phone, Graceland 1112.

Send us your retail orders.

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Mention the American Florist when writing.

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Mention the American Florist when writing.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing.

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

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Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

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Randolph & McClements

Floral Experts

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Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

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146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

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Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

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Zumbro Hotel Block.

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For Rhode Island and Connecticut

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Flowers for all Occasions.

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MASONIC TEMPLE

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and all **T. J. JOHNSTON & CO.**

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And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

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Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

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Established in 1843.

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Has his own correspondents in all the large cities of Europe and the British colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

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—OF—
"HOME GROWN FLOWERS"
Get in touch with

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SHEBOYGAN, WISCONSIN

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Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heini & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kellogg, F. & P. Co., Geo. M., Kansas City.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
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High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Order Your Flowers for delivery in this section from the

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Floral Designs and Choice Cut Flowers

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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
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Freeport, Ill.—John Bauscher.
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Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
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Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
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Minneapolis, Minn.—Whitted Floral Co.
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Omaha, Neb.—Lewis Henderson.
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Pittsburgh, Pa.—Randolph & McClements.
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Podesta & Baldocchi

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A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

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Wire or Phone Your Orders to the HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West.

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Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to Steamers and all Eastern Points.

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1181 E. 71st St.
The Largest Growers of Flowers in City.

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(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders
Member of The Florists' Telegraph Delivey.
Mention the American Florist when writing.

DULUTH FLORAL CO.
200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.
DULUTH, MINN.

Newark, Ohio.
CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.
THINK OF **HEINL'S**

New York.
MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.
Member of The Florists' Telegraph Delivery.

Memphis, Tenn.
The Flower Shop The Leading Florists
69 MADISON AVENUE

KANSAS CITY, MISSOURI.
Rock's Flowers
Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist
1133 O St., LINCOLN, NEB.
Will fill orders for the West on short notice
Trade discounts. First-class stock.
Mention the American Florist when writing.

GEORGE RYE
"Some Florist"
16 N. 6th St., Ft. Smith, Ark
Mention the American Florist when writing.

Houston, Texas.
Robt C. Kerr Floral Co.
Main and McKinney Phone, Preston 160

PHILADELPHIA and VICINITY.
The London Flower Shop, Ltd.
1800 Chestnut Street, PHILADELPHIA, PA.
Members Florists' Telegraph Delivery.

DENTON FLORAL CO., DENTON, TEX.
S. W. KANADY, Mgr.
Careful attention to packing for deliveries to all Southern and Middle States.

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1519 Farnam St., OMAHA, NEB.
Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas
Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON
TORONTO, CANADA

FURROW & COMPANY
OKLAHOMA CITY—GUTHRIE
OKLAHOMA.
Members of Florists' Telegraph Delivery.

Funeral Emblems Cut Flowers
Brown Bros. & Co.,
Ltd.
FLORISTS, NURSERYMEN AND SEEDSMEN
Bulbs Seeds
48 Hastings St., E.,
Vancouver, B. C.

NASHVILLE, TENN.
JOY FLORAL COMPANY
Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.
NEWARK N. J.
Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.
Wolfskill Bros. and Morris Goldenson
Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc.
229 WEST THIRD STREET

Colorado Springs, Colo.
Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by
HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.
H. W. BUCKBEE.
Member of the Florists' Telegraph Delivery.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

Mention the American Florist when writing.

Free

This Fine

BUDDING KNIFE

With 2 New Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

GERANIUMS

Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and Buchner	$10 00 per 1000
Ricard and Poitevine	12 50 " "
Asparagus Plumosus	25 00 " "
Smilax	12 50 " "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Carnation Cuttings.

Finest rooted cuttings obtainable at remarkably low prices until we are sold out. Reinberg's stock is known for its supreme quality everwhere and is the stock for you to buy. Place your order right away.

	Per 100	Per 1000		Per 100	Per 1000
Pink Enchantress	$2.00	$17.50	Herald (extra fine red)	$3.00	$27.50
Rose Pink Enchantress	2.00	17.50	Zoe Symonds (fine pink		
Mrs. Ward (dark pink)	2.00	17.50	seedling)	3.00	25.00
White Perfection	2.00	17.50	Philadelphia	3.00	25.00
White Enchantress	2.00	17.50	Washington	3.00	25.00

2½ inch Pots { Zoe Symonds ..... $3.50 per 100; $30.00 per 1000
{ Philadelphia ..... 4.00 per 100; 35.00 per 1000

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
White Killarney	$4.00	$35.00	Richmond	3.00	25.00
Pink Killarney	4.00	35.00	Maryland	$4.00	$35.00

CHOICE 3½-IN. PLANTS.

Mrs. Aaron Ward ..... $6 00 per 100; $50.00 per 1000

CHOICE 3½-IN. PLANTS.

Sunburst ..... $6.00 per 100; $50.00 per 1000

BENCH PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
Killarney	$6.00	$50.00	Ward	$6 00	$50.00
Richmond	6.00	50.00	Shawyer	6.00	50.00

Specify Plants When Ordering.

Peter Reinberg, 30 E. Randolph St., Chicago

Mention the American Florist when writing.

Asparagus Plumosus Nanus.

April Special Offer

ASPARAGUS PLUMOSUS NANUS

(New Crop.)

April is the ideal month to sow this seed. The seed we offer is **Northern Greenhouse Grown** stock of high germinating quality, the same high class strain as supplied by us for the last fifteen years.

	Per 1000
1000 seeds	$3.00
3,000 to 5,000 seeds	2.75
6,000 to 10,000 seeds	2.50

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

VISITED CHICAGO: William Emerson, of the Western Seed and Irrigation Co., Fremont, Neb.

CHICAGO.—Prices for grass seed on the Board of Trade April 21 were as follows: Timothy, $5.50 to $6.75 per 100 pounds.

MT. PLEASANT, MICH.—Harris Bros. Seed Co., although less than one year in business, report orders to the number of 42,000 since January 1, 1915.

MINNEAPOLIS, MINN.—The Farmer Seed & Nursery Co., of Faribault, Minn., has opened a branch at 706 Hennepin avenue, in charge of E. J. Kiekenapp and O. V. Sherpy.

ONE MILLION DOLLARS has been set aside by the Canadian government to provide seed grain for settlers in those districts of Alberta and Saskatchewan where crops were a failure this year.

A BILL has been introduced in the Kansas legislature providing for scales on sidings at stations on all railroads where 100 or more cars of seeds have been shipped annually during the last five years.

THE 1914 Canadian alfalfa crop occupied 90,315 acres and yielded 218,560 tons, valued at $3,095,600. The clover and hay crop occupies eight million acres, giving a yield of 10 million tons, valued at $145,999,000.

NEW YORK.—All the seed stores are now very busy and nearly all of them working over time. Wet and cool weather for a time retarded business, but conditions are now more seasonable. There is quite a demand for hardy shrubs.

LEWISTOWN, MONT.—The Barteldes Seed Company, Lawrence Kan., has brought suit against the Montana Hardware Company to recover $750, representing the profit it alleges it would have made if the defendant had fulfilled a contract to ship a carload of timothy to that city last year, the agreed price being 5 cents per pound.

As predicted in these columns a couple of times, the onion set market went all to pieces. From the south, where business is over, trade prices as low as 50 cents per bushel have been made and some retail seed stores are running big daily paper advertisements offering red sets as low as 10 cents per quart.

KANSAS CITY, MO.—The rapid growth of the Rudy-Patrick Seed Co. is evidenced by the fact that its present floor space is approximately 100,000 square feet, with facilities for loading and unloading four cars a day, as compared with a floor space of only 13,000 square feet at the time of its incorporation in 1911.

MAYSVILLE, KY.—The erection of a warehouse here is contemplated by J. C. Everett & Co., seedsmen.

LARIMORE, N. D.—B. Ford has purchased the M. & M. Seed Company, formerly owned by J. H. Magoris.

SPRINGFIELD, MO.—W. J. Wood and E. Beasley have formed the Wood-Beasley Seed Co., succeeding the Diamond Seed Co.

LEXINGTON, KY.—The Goodloe Seed Co., organized by G. C. Goodloe, formerly connected with the Central Kentucky Blue Grass Co., is specializing in field seeds.

Japanese Bulb Freight Rates.

The following prevailing rates on lily bulbs from Japan via Seattle are the same as they were in 1914: All rail, New York Central delivery, running time about 14 to 16 days. Carload rate, $1 per 100 pounds. The A. H. S. S. Co. quotes a rate of $2 per 100 pounds, via Panama Canal direct to New York. The running time via the canal is reported to be 21 to 25 days.

Illinois Seed Law.

Curtis Nye Smith, commenting on the proposed Illinois seed law, house bill 593, to which reference was made in our issue of April 17, says this bill is a copy, with certain added features, of the old Iowa type of law which has been discarded in recent legislation. Moreover, the law contains some provisions which are so entirely impossible and unreasonable that it can not be enforced, making the bill clearly unconstitutional. The bill has been improperly drawn, there being serious conflict between various sections. The agricultural committee of the house ought to report this bill unfavorably without the slightest hesitation. Mr. Smith also urges Illinois seedsmen to rally to the support of George S. Green, Illinois State Correspondent of the American Seed Trade Association, in presenting arguments before the committee. This bill, he continues, must have attention, even at the expense of the seedsmen's time and trouble.

Mr. Smith further calls attention to the "Principles of Seed Legislation," which the legislative committee of the Association of Official Seed Analysts has just issued, copy of which can be secured from Wm. G. Scarlett, Baltimore, Md., chairman of the legislative committee. These principles absolutely contradict the unreasonable provisions of the Illinois bill and much forceful argument can be made of them if properly brought out.

Warranty and Liability in Sale of Seed.

The weight of authority seems to be, the Court of Civil Appeals of Texas says, in American Warehouse Company versus Ray (150 Southwestern Reporter, 763), that where seeds of a certain family are sold and represented to be of a certain variety of that family, which would in their natural development produce crops of greater value than would seeds of the same family which were delivered, that the purchaser can recover not alone the difference between the value of the seeds delivered and those contracted, but the difference between the value of the crops produced from the seed delivered and the value of the crops that would have been produced from the seed contracted. The rule would obtain whether the warranty was expressed or implied. "A dealer who sells an article describing it by the name of an article of commerce, the identity of which is not known to the purchaser, must understand that the latter relies upon the description as a representation by the seller that it is the thing described; and this constitutes a warranty." In the case before the court the law implied a warranty from the representation of the seller that the seed were of a certain kind, and that implication could not be set aside by testimony of a custom and usage of trade, which was not known to the buyers. It would present a singular proposition of law if a dealer in seeds should contract to deliver one kind of seed and should actually deliver an entirely different seed, and then escape liability on his implied warranty by proof that dealers in seed had adopted a rule or custom not to be bound by any implied warranty. Such a custom would be in contravention of law and justice, and would be null and void.

J. L. ROSENBERGER.

[From this it would seem the existence of the disclaimer must be called to the attention of the purchaser.—ED.]

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Alfred J. Brown Seed Co.

Growers of

Peas and Beans

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

Thorburn's Seeds

WE give below selections from our trade list especially suitable for the Florist at this time of year.

It will be noted that the prices are somewhat below the market as we have considerable stocks of most items.

Like all Thorburn Seeds and Bulbs, however, they have been selected with care and are of the best quality.

ASTERS	Per oz.
Branching—	
White	$ .75
Crimson	.75
Rose	.75
Dark Blue	.75
Mixed	.65
Queen of the Market—	
White	.65
Crimson	.75
Light Blue	.75
Dark Blue	.75
Mixed	.65
Paeony-Flowered—Perfection Mixed	1.25
Dwarf Chrysanthemum, Mixed	1.25
Victoria Tall, Mixed	1.00
" **Dwarf**, Mixed	1.25
Giant Comet, Mixed	1.25
PETUNIAS	
Hybrida, Single Mixed	.45
Howard's Star	1.50
PINKS	
China, Double Mixed	.30
CALLIOPSIS	
Mixed Annual	20c per oz., $1 00 per lb.

(**Prices per pound on application.**)

If you haven't had our Spring Catalogue and special prices to florists, write us and they will be sent you promptly.

J. M. Thorburn & Co.,
53 Barclay Street
through to 54 Park Place
NEW YORK

The Thorburn New Red Sun-Flower.

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50; 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

TOBACCO STEMS. Bales (200 lbs. more or less), per 100 lbs., $1.35. Write for prices in larger quantity. Prices subject to market changes.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing.

VALLEY

Chicago Market Brand, best Valley in existence, giving the best results all year 'round,
$15.00 for 1000; $8.00 for 500; $4.50 for 250; $2.00 for 100.

Florist Money Maker Brand, best Valley at moderate prices,
$13.00 for 1000; $7.00 for 500; $4.00 for 250.

H. N. BRUNS, 3032 Madison St., Chicago

Mention the American Florist when writing.

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and **German.**

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Mention the American Florist when writing.

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO

ONION SETS

GROWERS FOR THE TRADE
Write for Prices

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
Mention the American Florist when writing.

TOMATO SEED
Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.
Mention the American Florist when writing.

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

KENTIA SEED

FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

Mention the American Florist when writing.

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

MRS. FRANCIS KING.

GLADIOLUS
Mrs. Francis King

Best, biggest, most effective decorative Gladiolus for Home Gardens and Window Work.

A big seller wherever offered in April and May.

Bulbs of our own growing—

	Per 1000
Jumbo size, 2-in. and up	$12.00
First size, above 1½-in.	9.00
Regular blooming size, nearly 1½-in.	7.00

Every retailer will make money by planting a few thousand.

A General stock of all other Gladiolus.

Cold Storage Lilies.

	No. in case	Per 100	Per 1000
Giganteum, 7-9 inch	100	$6.00	
Giganteum, 7-9 inch	300		53.00
Giganteum, 8-10 inch	225		75.00
Giganteum, 9-10 inch	200		90.00

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

THE
J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

BRUNNINGS

Leading Suppliers of

EUCALYPTUS
and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,

1004 Betz Bldg., Philadelphia, Pa.

Card brings a Catalogue

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.

ANT. C. ZVOLANEK, - Lompoc, Calif.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of **Garden Seeds,** will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

Mention the American Florist when writing.

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited. **Swedesboro, New Jersey**

Seeds Seeds

Fresh Crop. Best Quality.

We offer below a few items, all of which are needed by the florist. Send for trade list No. 5, for list of everything best in seeds, bulbs and plants.

Ageratum—Dwarf Blue, ¼ oz. 15c. Mexican Blue, white, each. ¼ oz. 10c.

Alyssum—Little Gem, dwarf white, ½ oz. 20c oz. 35c. Sweet white, oz. 20, ¼ lb. 60c.

Antirrhinum (Snapdragon), Giant — Pink Scarlet, each, ¼ oz. 20c. White, Yellow, each, ¼ oz. 20c. Mixed, ¼ oz. 15c., 1 oz. 40c.

Asparagus Plumosus Nanus, greenhouse grown—100 Seeds for 50c.; 1000 for $4.00.

Asparagus Sprengeri—100 Seeds for 15c.; 1000 for 90c.

ASTERS.

We assert that no one can have a superior stock of the various asters.

See catalogue No. 2 for description of novelties.

Aster, Lady Roosevelt—A splendid new variety. Trade pkt. 25c., ⅛ oz. 60c.

Crego Asters—Magnificent late cutting Asters, Shell Pink, Lavender and White. Trade pkt. 25c., ¼ oz. 40c.

Rose King—Enormous quilled flowers, fine for cutting. Trade pkt. 25c., ¼ oz. 50c.

Vick's Mikado—A large graceful flower for cutting. Pink, White and Lavender, each Trade pkt. 25c, ¼ oz. 40c.

Lavender Gem—A splendid early pure lavender, no yellow centers, very popular with florists. Trade pkt. 25c., ¼ oz. 50c.

Snowdrift—A fine early long stemmed pure white. Trade pkt. 25c., ¼ oz. 75c.

Giant Comet—Mixed, ¼ oz. 35c., 1 oz. $1.00.

Daybreak—A fine pink flower for cutting, ⅛ oz. 30c.

Purity—White flowers similar to above, ⅛ oz. 35c.

Branching Late—Flowers large double on long stiff stems, excellent for cutting. White, Pink, each. ⅛ oz. 15c, ½ oz. 50c. Lavender, ⅛ oz. 15c., ½ oz. 50c. Pink, Purple, each, ⅛ oz. 15c., ½ oz. 50c. Dark Red, ⅛ oz. 15c, ½ oz. 50c. Mixed, ¼ oz. 20c., 1 oz. 75c.

Balsam—Camellia flowered, double mixed, oz. 40c.

Begonia, (all varieties)—Gracilis Luminosa, Ruby, Prima Donna, Triumph, Erfordii, Erfordii Superba, etc. All. uniformly, trade pkt. 25c.

Candytuft—Empress, very large, pure white, oz. 20c. White Rocket, oz. 20c. Little Prince, dwarf, large flowered white, oz. 25c.

Celosia—Empress, Semi-Dwarf, ⅛ oz, 35c. Ostrich Feather, mixed, tall, ⅛ oz. 20c. Ostrich Feather, mixed, dwarf, ⅛ oz. 30c.

Centaurea—Gymnocarpa, ½ oz. 25c. Imperialis, mixed, fine for cutting, ¼ oz. 25c, Margaret, white, fine for cutting, ¼ oz. 15c.

Cineraria Maritima. Trade pkt. 10c., oz. 25c.

Cobaea Scandens, Purple, oz. 40c.

Coleus, finest hybrids—Mixed, trade pkt. 50c

Dracaena Indivisa. Trade pkt. 10c., oz. 45c.

Grevillea Robusta, oz. 80c.

Ipomoea Grandiflora (Moonflower), oz. 50c.

Ipomoea Heavenly Blue, oz. 40c.

Ipomoea Setosa, oz. 20c.

Lobelia—Erinos Speciosa, deep blue, trailing variety, ⅛ oz. 15c. Crystal Palace Compacta, best for bedding, ⅛ oz. 40c.

Mignonette—Machet, oz. 30c. Grandiflora large flowering, oz. 15c, ¼ lb. 20c. Allen's Defiance, oz. 25c.

Petunia—Double Giant Flowered Grandiflora and Fringed mixed, 1000 seeds. $1.50. Giant Ruffled, trade pkt. $1.00. Single large flowered, fringed, trade pkt. 50c. Giants of California, trade pkt. $1.00. Rosy Morn, rosy pink, white throat ⅛ oz. 30c. Single striped and blotched, ¼ oz. 35c. Single mixed, ¼ oz. 15c. Howard's Star, ¼ oz., 50c.

Salvia—Splendens. Trade pkt. 25c., oz. $1.25. Clara Bedman, trade pkt. 35c., oz. 60c. Zurich, trade pkt. 50c, 1 oz. $3.50.

Smilax, oz. 30c. ¼ lb. $1.00.

Stocks—Dwarf, large flowering double Ten Weeks, mixed, ⅛ oz. 35c. Brompton, ⅛ oz. 35c, Giant Perfection Ten Weeks, mixed, ⅛ oz 30c. Princess Alice, white, ⅛ oz. 35c. Snowflake, for forcing, 1/16 oz. 75c. Ten Weeks (separate colors), ⅛ oz. 35c.

Thunbergia, oz. 40c.

Verbena (Mammoth Flowered)—Blue and Purple Shades, ¼ oz. 35c, oz. $1.00. Scarlet and Striped, ¼ oz. 40c, oz. $1.00. White, ¼ oz. 35c, oz. $1.00. Mixed, ¼ oz. 30c, oz. 75c,

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Painesville, Ohio.

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ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000. Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1000. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

BOXWOODS--Most Beautiful Stock

Pyramids, 2 -ft	$1.00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½-ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

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LAGER & HURRELL, Summit, N. J.

2½-in. Rose Plants

GOOD STOCK

Pink Killarney White Killarney and Richmond at $3.00 per 100: $25.00 per 1000.

2-yr. old Asparagus Plumosus Clumps from bench, $3 00 per 100: $25.00 per 1000.

GEORGE REINBERG,

162 N. Wabash Ave., Chicago.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

HARBOR SPRINGS, MICH.—J. B. Southard, market gardener, will rebuild his greenhouses recently destroyed by fire.

NEW BRUNSWICK, N. J.—Having purchased property here, Otto Wahrendorf will establish himself as a market gardener.

MRS. POTTER PALMER, well known Chicago society leader, is extensively interested in fruit growing and market gardening at Sarasota, Fla.

Prices of Indoor Fruits and Vegetables.

Chicago, April 20.—Mushrooms, 55 to 60 cents per pound; lettuce, 8 cents per box; radishes, 40 cents to 50 cents per dozen bunches; asparagus, $1.50 to $3.00 per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, $1.00 per dozen.

New York, April 20.—Cucumbers, $1.00 to $1.25 per dozen; mushrooms, 70 cents to $1.35 per 4-pound basket; tomatoes, 15 cents to 20 cents per pound; radishes, per 100 bunches, $1.50 to $2.00. Lettuce, per dozen, 25 cents to 75 cents.

Champion Tomato Raiser of Northern States

Washington, D. C.—Miss Eloise Parsons, of Clarinda, Ia., is the young woman whose record in the department of agriculture's garden and canning clubs was the best of the thousands made by members in the 33 northern states. Miss Parsons obtained a yield of 5,18 pounds of tomatoes from her tenth-acre plat. Her costs were $15.61, and her net profits were $115.57. Her costs cover every item of expense in raising the crop, including rent of land, her own time (estimated at 10 cents an hour), fertilizers and sprays.

Pots and Earth Bands.

Intensive gardening requires the use of either pots or earth bands for plant production. The earth bands are crowding the old clay pots pretty hard in some sections. There is no question that earth bands have advantages. To those who never used any, it may be sufficient to say that earth bands are either round or square paper divisions, placed either on a greenhouse bench or hot bed bottom, and then filled with earth to receive the plants. When the real bands are used, which are bottomless, a bottom of building paper or newspapers are laid first and the bands set up on this bottom and filled with soil. The round or square paper pots have their own bottom, but at first it pays to furnish even these a separate paper bottom to prevent plants rooting down through too easily. Where very heavy plants are desired, no doubt the square forms are better, as they contain so much more ground to feed the plants than the round patterns. Cheapness of first cost is the main attraction. Second is the saving of time in the field—no carting back of pots as the papers are either planted with the plants or torn off and destroyed.

For very early tomatoes there is nothing better than some square form. We have used thousands of old sorted strawberry baskets for this purpose. They have just the right size to produce a heavy plant in bloom and some fruit set. However, for melons and cucumbers, we prefer square sods to anything else. We get better results. These plants can stand no disarrangement of their roots, hence, must not be disturbed. Next to sod we prefer clay pots. Given a sunny day, the last of May or first of June, one hour in the field will tell the story of success or failure with melons. If, after planting, they resist one hour they are "all right," if they wilt they are worthless. We have never failed with sod, but we have seen patches out of wooden boxes and paper bands go down completely in trying weather. As before stated in these notes we rely a great deal on shallow plant benches and a stout knife. The plants are set check-rowed, and cut into square blocks before they interlock, and that way most of our hardier subjects are produced more cheaply than any other way.

Soils and climate vary greatly and so do operators in different parts of our country and each man must experiment to some extent for himself and adopt a system adapted to his needs.

MARKETMAN.

Summer Treatment of Greenhouse Soil.

However much authorities may differ as to the cause of decreased yields of cucumbers and tomatoes under intensive greenhouse culture, the trouble is always associated with high organic and water contents as well as high temperature of soil, and usually such a decrease is certain, according to W. J. and S. N. Green in Bulletin 281, issued by the Ohio agricultural experiment station, Wooster, dated January, 1915.

Reports obtained by investigators tend to show that the cucumber is as sensitive as the tomato to the conditions prevailing in old well-manured greenhouse soils, if not more so. Haskins* attributes the decrease in yields, after the first two or three seasons, to some physiological cause brought about by mal-nutrition or over-fertilization, and believes it to be directly due to an accumulation of soluble plant food, rather than to fungus or bacterial troubles. Extremely heavy applications of manure and commercial fertilizers were given soils under investigation, with the invariable result that trouble soon resulted if the soil was not renewed for the cucumber crop. The water soluble constituents of abnormal soils are shown to be three times those of normal hot house soils. To remedy this trouble, thorough drainage is recommended and the replacing each year of a third to one-half of the old soil with fresh.

In an article in the Journal of Agricultural Science of October, 1912, Russell and Petherbridge conclude that the sickness of greenhouse soils, as effecting the cucumber crop is due to low bacterial efficiency as well as to accumulation of insect and fungus troubles. The treatment recommended is partial sterilization by steam or antiseptics, which by destroying protozoa, facilitate the activity of useful bacteria.

*Mass. Agri. Exp. Sta. Rpt., 1913.

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SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

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Exceptionally fine stock in the following shapes and sizes:

Bushes, 10-in.	25c, $3.00 per doz.
Bushes, 12-in.	30c, 3.60 per doz.
Bushes, 12-in. extra heavy, 10-in. wide	40c, 4.80 per doz.
Bushes, 15-in.	50c, 6.00 per doz.
Bushes, 18-in.	$1.00 each
Bushes, 24-in.	1.25 each
Bushes, 2½-ft., extra special	3.00 each
Bushes, 3½-ft., " "	6.00 each
Pyramids, 30-in.	2.00 each
Pyramids, 36-in.	3.00 each
Pyramids, 3½-ft.	3.50 each
Pyramids, 4-ft.	4.00 each
Pyramids, 5-ft.	6.00 each
Pyramids, 6-ft	12.00 each
Standards, 2-ft. stem, 12-15-in. crown	$2.00
Standards, 2-ft., 18-24-in. crown	3.00 each
Globe, 12-in	1.75 each
Globe, 15-in.	3.00 each
Globe, 18-in.	5.00 each
Standard Globes, 16-in. heads	3.00 each
Globe, 24-in	6.00 each

Aucubus Japonica.
15-in., 60c each; 2-ft., $1.00 to $1.25 each

Laurus Cerasus.
75c to $1.00 each.

Mahonia Bushes.
18 to 24 inches, 50c each

Bay Trees.

3 ft. stem, 30-in. crown	$10.00 each
18-in. stem, 32-in. crown	10.00 each
4-ft. stem, 30-in. crown	10.00 each
4-ft. stem, 36-in. crown	12.50 each
4-ft. stem, 42-in. crown	15.00 each

Cyclamen.
Pure White; Grandif. Alba; White, carmine eye; Excelsior, white, red eye; Glory of Wandsbek, 3-in. pots, ready now, 8c each. Wonder of Wandsbek, Rose Von Marienthal, Brilliant Red, Bright Red, Dark Red, Rosy Morn, for June delivery, in 3-in. pots, 8c each.

Cyclamen.
Seedlings, Transplanted.—Mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl..... $4.00 per 100

Coleus.
Assorted, 2-in..... $2.50 per 100
Yellow Pfitzer..... 2.50 per 100

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Geraniums

S. A Nutt and 5 varieties, 2½-in. pots, $3.00 per 100; 3-in. pots, ready, $4.00 per 100.

Cannas, 10 varieties, from 3 and 4 in. pots, $4.00 per 100; King Humbert, $6.00 per 100.

Vinca, variegated, 4-in. pot, $10 per 100.

Asp. Sprengeri, 2¼ in pots, $2.00 per 100.

Coleus, 10 varieties, ready, 2½-in. pots, $2 00 per 100.

Alternantheras, red and yellow, ready, $2 00 per 100.

Pansy Plant, Giant flowering, transplanted plants, $1.50 per 100

Petunias, from double seed, ready, $3 00 per 100.

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

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Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

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IMPORTED STOCK OF QUALITY.

Fresh Importations Just Arrived in Fine Condition.

Boxwood, Bush shape, 12-in.	25c
" " " 18-in.	45c
" " " 30-in.	2.00
Pyramids, 36-in.	$1.75
" 42-in.	2.25
" 48 in.	3.25
Globes, 18 by 18-in.	3.00

Rhododendrons, hardy sorts for outside planting, 18 to 24-in., 8 to 12 buds, 75c each; 24 to 30-in., 12 to 16 buds, $1.00 each.

Azalea Mollis, 15 to 18-in., bushy, 40c each; $4.25 per doz.; $35.00 per 100.

Japanese Maples, Blood Leaved, beautiful plants, 3 to 3½ feet high, well branched, $1.50 each.

Azalea Hinodegiri, 15 to 18-in., very bushy $1.50 each.

Acuba Japonica Punctata, beautifully spotted foliage, 18 to 24-in. high, bushy, 75c each.

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The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

GOVERNOR WALSH of Massachusetts has designated Saturday, April 24, as Arbor day.

KOSHKONONG, MO.—The Co-operative Orchard Co. is developing 2,300 acres of land near here for the purpose of peach growing.

THE centennial celebration of the Stark Nurseries and Orchard Co., Louisiana, Mo., established by Judge Hart Stark in 1816, will occur next year.

ST. LOUIS, MO.—Arbor day was celebrated Friday, April 2, and 100 trees were planted at Fairground park by the North St. Louis Businessmen's Association.

VISITED CHICAGO: Henry B. Chase, president of the American Association of Nurserymen, Chase, Ala., who reports a good volume of business with prices too low.

ST. LOUIS, MO.—The board of trustees of Missouri Botanical Garden applied to the circuit court for leave to use $100,000 of funds in its hands to erect a planthouse in Shaw's Garden.

BOISE, IDA.—Instructions were given the state horticultural inspector, April 10, to immediately go into the field and commence the active work of inspection, by the state horticultural board.

MADISON, WIS.—Members of the state board of agriculture appeared before the assembly committee on agriculture, April 1, and spoke against the administration bill creating a state department of agriculture to take over the functions and work of the state boards of agriculture, immigration, live stock sanitary department, office of state inspector of apiaries, and office of state veterinarian.

COLUMBUS, O.—Establishment of a municipal nursery is proposed by Councilman William J. Lucks, who will introduce an ordinance in council authorizing the organization. Its purpose will be to cultivate trees and shrubs for city streets and parks and municipally-owned property. It is proposed to appropriate $5,000 for maintenance of the nursery, which, Lucks suggests, be started on the workhouse farm southwest of the city. Workhouse prisoners will be employed.

Diseases of Evergreens.

The diseases of evergreens are comparatively few, and, as a general rule, mostly confined to a few species, and restricted probably to certain conditions of atmosphere and soil, according to A. H. Hill, Dundee, Ill., in a talk given before the North Shore Horticultural Society, Lake Forest, Ill., January 15, 1915. A common source of disease is that of an imperfectly drained soil. To be sure, evergreens have some insect enemies, but these are few indeed compared with the myriads of insects preying upon our deciduous trees and shrubs. The most common of the pests usually found upon evergreens in this locality are bagworms, borers, plantlice and scale insects. Most of these pests can be easily controlled through the use of proper spray mixtures, such as kerosene emulsion, whale oil soap and nicotine washes, applied at the proper season. Insect injury is most apparent and severe following a hot dry season like the summer just passed.

Nursery Stock Freight Rates.

We are advised by the Interstate Commerce Bureau Co. that the freight rates on nursery stock will be advanced 25 to 30 per cent, effective June 1, 1915. It is suggested that the advance should be protested as the transportation companies are likely to make a further advance next year, being disposed to take advantage of interests not protected by competent traffic managers as are all important branches of trade like the packing and steel industries. The interstate commerce commissioners and classification committee consider the following factors when making a decision:

1. Value of the commodity as a rate basis.
2. Competitive commodities.
3. Different stages.
4. Non-competitive commodities.
5. Market value of commodities.
6. Social considerations.
7. Cost of service as a rate basis.
8. Competitive commodities.
9. If special service is rendered.
10. Comparison with other commodities.
11. Comparison with rates between other points.
12. If carload or less than carload shipments.
13. Distance.
14. Advantages of locations.
15. Vested interests.

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Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
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200 Acres
Are noted for the exceptionally fine stock of
SHADE TREES AND SHRUBS.
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The Wagner Park Nursery Co.
SIDNEY, OHIO,
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Nursery Stock, Conservatory and Greenhouse Plants.

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HEDGE PLANTS
I still have on hand a hundred thousand California Privet, 2 to 3 feet and 3 to 4 feet; fine stock at low prices. Also a few thousand Amoor Privet, 1½ to 2 feet and 2 to 3 feet.
Contracts solicited for California Privet, Amoor Privet and Berberis Thunbergii in car lots for fall delivery.
J. T. LOVETT,
Monmouth Nursery
LITTLE SILVER, - N. J.

Seasonable Stock Ready Now.

Fern Dish Ferns, best varieties, including Aspidium, Cyrtomium, Falcatum, Pteris Mayi, Wilsoni, etc., $3.00 per 100, $25.00 per 1000.
Boston Fern, 2¼-in pot, $4.00 per 100, $35.00 per 1000.
Teddy Jr. Fern, 2¼-in., $6.00 per 100, $60.00 per 1000.
Scholzeli and **Scottii Ferns,** 2¼-in. pots, $5.00 per 100.
Asparagus Plumosus, 2¼-in., $3.00 per 100; $25.00 per 1000.
Begonias, Tuberous Rooted, Single, seperate colors, $3.00 per 100.
" " " " mixed colors, $2.25 per 100.
" " " Double, separate colors, $4.50 per 100.
" " " " mixed colors, $4.00 per 100.
" " " Single Frilled, separate colors, $7.00 per 100.
English Ivy, 4-in. pot plants, 3 ft. tops, $12.00 per 100.
" " 3-in. pot plants, 2 ft. tops, $9.00 per 100.
Gloxinias, separate colors, $4.00 per 100.
Pelargoniums, 3-in. pot plants, 10 varieties, $10.00 per 100.
Vinca Variegata, 4-in. pots, fine tops, $10.00 per 100.
" " 3-in. pots, " " $7.00 per 100.
THE STORRS & HARRISON CO., Painesville, Ohio.

Hill's Specimen Evergreens For Landscape Planting

THESE trees are all perfect specimens, having good roots owing to frequent transplanting. Always freshly and carefully dug. No extra charge for Ball and Burlap. To satisfy the increasing demand for trees to give quicker results, a large portion of our Nursery is devoted to growing of Specimen Evergreens to be handled with Ball and Burlap. This stock is all grown in wide rows with plenty of room to develop both root and top. Each tree is staked to insure symmetrical growth and at regular intervals throughout the growing season trimming and pruning is done by men of long experience in this line. We keep this stock on the move also, transplanting every two years, as a root system can be developed in no other way, an in Evergreens roots are the basis of success.

Abies Tsuga Canadensis

		Feet.	Each.	10
Hemlock	B&B	2-2½	$1 75	$16.50
Hemlock	B&B	3-4	2.25	20 00
Hemlock	B&B	4-5	3.50	30.00

Abies Concolor

		Feet.	Each.	10
Concolor Fir	B&B	2-3	$2.00	$15.00
Concolor Fir	B&B	3-4	3.00	20.00

Abies Douglasii

		Feet.	Each.	10
Douglas Fir	B&B	2-3	$1.25	$10.00
Douglas Fir	B&B	3-4	1.75	15.00
Douglas Fir	B&B	4-5	2.50	20.00

Abies Veitchii

		Feet.	Each.	10
Japanese Fir	B&B	4-5	$1.50	$12.50

Juniperus Counarti

		Feet.	Each.	10
Green	B&B	3-4	$3.00	$27.50

Juniperus Elegant. Lee

		Feet.	Each.	10
Golden	B&B	2-3	$2 00	$18.50
Golden	B&B	3-4	2.75	25.00

Juniperus Virg. Glauca

		Feet.	Each.	10
Silver	B&B	3-4	$3.25	$30.00
Silver	B&B	4-5	5.00	45.00

Juniperus Japonica Aurea

		Feet.	Each.	10
Bright Golden	B&B	2-3	$1.25	$10.00

Juniperus Pfitzeriana

		Feet.	Each.	10
Blue	B&B	2-3	$1.50	$13.50
Blue	B&B	3-4	1.75	15.00

Juniperus Procumbens

		Feet.	Each.	10
Jap. dwarf	B&B	1½-2	$2.50	$20.00
Jap. dwarf	B&B	2-2½	4.50	40.00

Juniperus Sabina

		Feet.	Each.	10
Savin Juniper	B&B	1½-2	$1.75	$15.00
Savin Juniper	B&B	2-2½	2 00	17.50
Savin Juniper	B&B	2½-3	3.00	22.50

Juniperus Schotti

		Feet.	Each.	10
Dark Green	B&B	3-4	$3.25	$30.00

Juniperus Sinensis

		Feet.	Each.	10
	B&B	3-4	$2.50	$20.00
	B&B	4-5	3.50	30.00

Juniperus Virginiana

		Feet.	Each.	10
Red Cedar	B&B	2-3	$1.50	$12.50
Red Cedar	B&B	3-4	2.25	20.00
Red Cedar	B&B	4-5	3.25	30.00

Picea Alba

		Feet.	Each.	10
White Spruce	B&B	3-4	$2.00	$17.50
White Spruce	B&B	5-6	3.25	30.00

Picea Canadensis

		Feet.	Each.	10
Black Hill Spruce	B&B	2-3	$1.35	$10.00
Black Hill Spruce	B&B	3-4	3.00	27.50
Black Hill Spruce	B&B	4-5	4.00	35.00

Picea Engelmanni

		Feet.	Each.	10
Engelmann Spruce	B&B	2-3	$1.75	$15 00
Engelmann Spruce	B&B	3-4	3.00	27 50

Picea Excelsa

		Feet.	Each.	10
Norway Spruce	B&B	3-4	$1.25	$10.00
Norway Spruce	B&B	4 5	3.00	25.00

Picea Excelsa Inverta

		Feet.	Each.	10
Weeping	B&B	3-4	$2.00	$15.00
Weeping	B&B	4-5	2.25	20.00
Weeping	B&B	5-6	3.00	25.00

Picea Excelsa Pyramidalis

		Feet.	Each.	10
Pyramidal	B&B	3-4	$1.75	$15.00
Pyramidal	B&B	4-5	2.25	20.00
Pyramidal	B&B	5-6	3.00	25.00

The Blue Spruce

Picea Pungens Kosteriana (Grafted Blue Spruce)

		Feet.	Each.	10
Heavy, bushy, compact.	B&B	1-1½	$1.00	$ 9.00
Heavy, bushy, compact.	B&B	2-2½	2.75	25.00
Heavy, bushy, compact.	B&B	2½-3	3.50	30.00
Heavy, bushy, compact.	B&B	3-4	5.00	47.50
Heavy, bushy, compact.	B&B	4-5	7.00	65.00
Heavy, bushy, compact.	B&B	5-6	8.50	75.00
Heavy, bushy, compact.	B&B	6-7	9.50	85.00

Picea Pungens Glauca (Colorado Blue Spruce)

Selects.		Feet.	Each.	10
Heavy, bushy, compact.	B&B	2-3	$2.00	$17 50
Heavy, bushy, compact.	B&B	3-4	2.75	25.00

Picea Pungens Kosteriana Pendula (Weeping Grafted Blue Spruce)

		Feet.	Each.	10
Select blue specimens	B&B	3-4	$4.00	$30 00
Select blue specimens	B&B	4-5	5.00	35.00
Select blue specimens	B&B	5-6	6.00	40.00

Pinus Austriaca

		Feet.	Each.	10
Austrian Pine	B&B	2-3	$1.25	$10.00

Pinus Cembra

		Feet.	Each.	10
Swiss Stone Pine	B&B	2-3	$2.00	$17.50
Swiss Stone Pine	B&B	3-4	3.00	27.50

Pinus Mugho

		Feet.	Each.	10
Dwarf Mt. Pine	B&B	1-1½	.90	$ 8.00
Dwarf Mt. Pine	B&B	1½-2	1.50	13.50
Dwarf Mt. Pine	B&B	2-3	2.25	20.00
Dwarf Mt. Pine	B&B	3-4	5.00	45.00

Pinus Ponderosa

		Feet.	Each.	10
Bull Pine	B&B	3-4	$1.75	$15.00

Pinus Strobus

		Feet.	Each.	10
White Pine	B&B	3-4	$1.35	$12.00
White Pine	B&B	4-5	2.00	17.50
White Pine	B&B	5-6	2.50	22.50
White Pine	B&B	6-7	3.25	30.00
White Pine	B&B	7-8	4.50	40.00
White Pine	B&B	8-9	5.50	52.50
White Pine	B&B	9-10	7.00	67.50
White Pine	B&B	10-12	10.00	95.00
White Pine	B&B	12-15	15.00	125.00
White Pine	B&B	15-18	20.00	175.00

Thuya Occidentalis

		Feet.	Each.	10
Am. Arbor Vitæ	B&B	3-4	$1.50	$12.50

Thuya Pyramidalis

		Feet.	Each.	10
	B&B	3-4	$1.50	$12.50
	B&B	4-5	2.00	17.50

Thuya Douglasii Pyramidalis

		Feet.	Each.	10
	B&B	3-4	$3.50	$30.00
	B&B	4-5	4.00	37.50

Thuya Lutea Peabody

		Feet.	Each.	10
Golden	B&B	2-3	$2.00	$17.50
Golden	B&B	3-4	2.50	20.00

Thuya Wareana

		Feet.	Each.	10
Sib. Ar. Vitæ	B&B	2-2½	$1.75	$15.00
Sib. Ar Vitæ	B&B	2½-3	2.25	20.00

Taxus Cuspidata Brev.

		Feet.	Each.	10
Jap. Yew	B&B	1-1½	$1.50	$12.50
Jap. Yew	B&B	1½-2	2.00	17.50

Boxwood

		Feet.	Each.	10
Pyramidal shaped	B&B	2-2½	$2.25	$20.00
Pyramidal shaped	B&B	3	3.00	25.00
Pyramidal shaped	B&B	4	4.75	42.50

Boxwood Bushes

		Feet.	Each.	10
12 inches	B&B	...	$0.40	$3.50
15 inches	B&B	...	.60	4.50

5 at 10 rates. Hill's specimen stock is grown in wide rows with plenty of room to develop both root and top. Each tree is staked to insure symmetrical growth. Quality is our watchword. B. & B. signifies Ball and Burlap.

Hill's Assortment of Hardy Evergreen Trees.

Suitable for Window Box Planting, Hedges, Cemetery Vases, Lawns, Etc. Order now to pot up or plant out for summer and fall trade.

PRICE LIST.

Variety	Size	10	100
Norway Spruce	12-18 in.	$1.00	$ 3.00
Norway Spruce	18-24 in.	1.50	7.00
American Arbor Vitae	12-18 in.	1,85	7.50
White Pine	12-18 in.	1.50	6.00
White Pine	18-24 in.	2.00	12.00
White Pine	2-3 ft.	2.50	15.00
Douglas Fir	12-18 in.	1.50	9.00
Austrian Pine	6-12 in.	1.25	6.00
Austrian Pine	12-18 in.	1.50	8.00
Scotch Pine	12-18 in.	1.00	5.00
Scotch Pine	18-24 in.	1.25	6.50
Scotch Pine	2-3 ft.	1.50	8.00

Hill's Potted Evergreens.

Hardy Evergreen Trees—Continued.

Variety	Size	10	100
Ponderosa Pine	10-12 in.	$1.00	$5.00
Ponderosa Pine	12-18 in.	1.50	6.00
Jack Pine	12-18 in.	1.00	6.00
Jack Pine	18-24 in.	1.50	8.00
Assorted Vars. Our selection		1.25	8.00

Rates:—5 at 10 rates; 50 at 100 rates.

Hill's Potted Evergreens

These beautiful little dwarf Evergreens come planted in quaint Japanese pots. See illustration. They are very beautiful for table decoration, center pieces, balconies, terraces, etc., and are not surpassed in delicate grace by any plant. Of easy culture and will thrive in any situation. Price with pot: well assorted kinds, $0.35 each; $3.00 per doz.; $20.00 per 100.

THE D. HILL NURSERY CO., Inc.

Evergreen Specialists. Largest Growers in America. **Box 404, DUNDEE, ILLINOIS.**

Carnation Plants From Soil

We have several thousand strong well established plants from soil. These plants are from selected cuttings and most of them are pinched back, having now from three to five breaks. Send in your orders **now** and we will ship at once or wait until you are ready to plant in the field if you so desire.

We have the following varieties from SOIL:

	Per 100	1000		Per 100	1000		Per 100	1000
Enchantress . .	$3.00	$25.00	**Commodore** . .	$3.00	$25.00	**Beacon** . . .	$3.50	$30.00
Mrs. C. W. Ward,	3.00	25.00	**Northport** . . .	3.00	25.00	**Champion** . .	6.50	55.00

For list of rooted cuttings see classified ad.

J. D. THOMPSON CARNATION COMPANY, Joliet, Ill.

Some Excellent Stock

For Potting Now.

To have ready for bedding out and Memorial day trade. Liberal extras for early orders.

Large 2 and 2¼-inch pot **Geraniums,** Henderson, Viaud, Ricard. Nutt, Grant. Montmore, Perkins. Meehan, Buchner. La Favorite etc, etc. Special Price, $2 25 per 100, $20.00 per 1000. Try some.

Size of pots.	Per 100	1000
2⅝ in. **Heliotropes.** 3 varieties	$2.75	$25.00
2⅝ in. **Marguerites,** white and yellow.	2.50	22.50
2¼ in. **Fuchsias,** 15 varieties	2.75	25.00
2¼ in. **Abutilons.** 8 varieties	2.50	22.50
2⅝ in. **Petunias,** double, 12 varieties	3.00	25.00
2¼ in. **Salvias**. Bonfire and Splenden.	2.50	22.50
2⅝ in. **Vinca Variegata**	3.50	30.00
3½ in. **Vinca Variegata** and **Green**	6.50	60.00
2½ in. **Asparagus Plumosus**	3.00	25.00
4 in. **Asparagus Plumosus**	7.50	70.00
2½ in. **Asparagus Sprengeri**	2.50	22.50
3 in. **King Humbert Cannas**	4.50	40.00
Funkia, Variegata clumps	5.00	45.00
Choice mixed **Pansy Plants,** in bud		3.50
Big Boston and Grand Rapids **Lettuce Plants**		1.50
20 varieties of **Cannas,** potted, true to name	4.00	35.00

25,000 4, 5, 6 in **Dracaena Indivisa,** $10.00, $20.00 and $25.00 per 100.

"Golden Leaved Privet" ovalifolium aurea, 6-in. pot, 18 to 24 inches high, very bushy, 35c each; 4-in. pot, bushy plants, 15c each. Young plants for potting, $6.00 per 100. Excellent stock for filling urns and porch boxes.

Also abundance of other stock on hand. Correspondence solicited.

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

VAUGHAN'S ROSES

Why not place that order now for your present need and future wants? GET THE HABIT. We will do the rest.

			Per 1000
Hoosier Beauty,	**grafted,**	**2½ inch**	**$300.00**
Russell,	"	"	**125.00**
Sunburst,	"	"	**100.00**
Ophelia,	"	"	**130.00**
Hadley,	"	"	**120.00**
Milady,	"	"	**110.00**
Mrs. Geo. Shawyer,	"	"	**110.00**
Aaron Ward,	"	"	**110.00**
Killarney,	"	"	**110.00**
White Killarney,	"	"	**110.00**
Killarney Brilliant,	"	"	**110.00**
Richmond,	"	"	**110.00**
SUNBURST, the King of Yellow Roses, Own Root			**90.00**

Special attention given on 3 inch and 4 inch stock for forward delivery.

VAUGHAN'S SEED STORE

31-33 W. Randolph Street, CHICAGO. **43 Barclay Street, NEW YORK.**

Greenhouses, Western Springs, Ill.

A. N. Pierson, Inc.

Wholesale Florists
CROMWELL, - CONN.

Mention the American Florist when writing.

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

A Few Good Things You Want.

Asparagus Plumosus, 2 in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins. Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $15.00; 5-in., $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing.

Spring List Roses

Ferns, Plants, Vines, Bulbs, Etc.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

Mention the American Florist when writing.

500,000 'Mum Cuttings

Some ready now. Chadwick Improved, $3.00 per 100; $25.00 per 1000. Chrysolora, Major Bonnaffon, Yellow Eaton, Chas Razer, Lynwood Hall and Dr. Enguehard, $2.00 per 100; $15.00 per 1000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12.00 per 1000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100. 250 at 1000 rate.

Orders booked now for future delivery.
Ask for prices on large amounts.

Morris Floral Co., Morris, Ill.

PANSIES

Fine giant mixture, large transplanted plants in bud and bloom, $1.25 per 100; $10.00 per 1000. Strong seedlings, $2 50 per 1000.

Cash, please.

H. G. NORTON, Perry, Ohio

Mention the American Florist when writing.

CARNATIONS

F. DORNER & SONS CO.,
LaFayette, - - Indiana

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

STRONG, WELL-ROOTED CUTTINGS.

	Per 100.	Per 1000.
P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

DAVIS FLORAL CO., DAVENPORT, IA.

75,000 ALTERNANTHERAS, four varieties. From soil, equal to 2-inch, $1 per 100; $8 per 1,000. Express prepaid. C. HUMFELD, Clay Center, Kansas.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternantheras, red and yellow, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

AMPELOPSIS.

25,000 Ampelopsis Veitchii, heavy field-grown plants, 2-year, 18 to 24 inches, $4 per 100; 2-year, 24 to 30 inches, $7 per 100. All other leading stock. Get list. Benj. Connell, Florist, Merchantville, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, fine stock, Robusta compacta, large plants, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri, 2¼-in., $2.50 per 100; $22 per 1,000; 3-in., $5 per 100; $48 per 1,000; 4-in., $10 per 100; $80 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus, 2½-in., $3 per 100; $25 per 1,000; 4-in., $7.50 per 100; $70 per 1,000. Sprengeri, 2½-in., $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

Asparagus plumosus, 2-year-old from bench, $3 per 100; $25 per 1,000. Geo. Reinberg, 162 N. Wabash Ave., Chicago.

ASPARAGUS PLUMOSUS, FRESH SEED, 1,000, 75c; 10,000, $6; 100,000, $50. Superior Nursery Co., Los Angeles, Calif.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

AZALEAS.

Azalea Mollis, 15 to 18 ins., bushy, 40c each; $4.25 per doz.; $35 per 100. Hinodegiri, 15 to 18 in., $1.50 each. The Storrs & Harrison Co., Painesville, O.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEDDING PLANTS.

Bedding plants: Alternantheras, alyssum, ageratum, begonias, Cobæa scandens, coleus, caladiums, dusty miller, Dracæna indivisa, geraniums, rose geraniums, pansy geraniums, heliotrope, English ivy, German ivy, lobelias, marguerites, marigolds, pansies, primulas, phlox, petunias, ricinus, salvias, smilax, torenia, Vincas, verbenas, Wandering Jew. For prices see double page advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Begonias, tuberous rooted, single, separate colors, $3 per 100; mixed, $2.25. Double, separate colors, $4.50 per 100; mixed, $4. Single frilled, separate colors, $7 per 100. The Storrs & Harrison Co., Painesville, Ohio.

Begonia Glory of Cincinnati, $18 per 100, net. J. A. Peterson & Sons, Westwood, Cincinnati, O.

BOXWOOD.

Boxwoods—Bushes: 10-inch, 25c each; $3 per doz.; 12-inch, 30c each; $3.60 per doz.; 12-inch, extra heavy, 10 ins. wide, 40c each; $4.80 per doz.; 15-inch, 50c each; $6 per doz.; 18-inch, $1 each; 24-inch, $1.25 each; 2½ ft., $3 each; 3½ ft., $6 each. Pyramids: 30-inch, $2 each; 36-inch, $3 each; 3½ ft., $3.50 each; 4 ft., $4 each; 5 ft., $6 each; 6 ft., $12 each. Standards: 2 ft. stem, 12-15-inch Crown, $2 each; 2 ft., 18-24-inch Crown, $3 each. Globe: 12-inch, $1.75 each; 15-inch, $3 each; 18-inch, $5 each; 24-inch, $6 each. Standard globes, 16-inch, heads, $3 each. THE GEO. WITTBOLD CO., 737 Buckingham Place, Chicago.

Boxwood, fine well shaped plants. Can be furnished with tubs if desired. Bush shaped: 12-inch, 40c each; $4.25 per doz.; 18-inch, 65c each; $7 per doz. Pyramids, 3 foot high, $2.50 each; $4.50 per pair; 3½ ft., $3.50 each; $6 per pair. A. Henderson & Co., 369 River St., Chicago.

Boxwood, bush shaped, 12-inch, 25c; 18-in., 45c; 30-in., $2. Pyramid shape, 36-in., $1.75; 42-in., $2.25; 48-in., $3.25. Globe shaped, 18 by 18 inches, $3. The Storrs & Harrison Co., Painesville, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, cold storage lilies: Giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

FISHER'S PURITY FREESIA BULBS. Large stock; prices right. Place your orders now. CURRIER BULB CO., P. O. Box 102, Seabright, Calif.

Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, amarylis, tuberous begonias, caladiums, dahlias, gladiolus, lilies, cannas, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

BULBS.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CALCEOLARIAS.

Calceolaria grandiflora pumila compacta, robusta and Jams'; 4-inch, 15c. Fine stock. Cash please. Toledo Greenhouses, 2829 Chestnut St., Toledo, O.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000: King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Vaughan's Firebird (Oiseau De Feu), 3-in., $6.50 per doz.; 25 for $12.50. King Humbert and all other cannas. Vaughan's Seed Store, Chicago and New York.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Cannas, 10 varieties, 3x4-in. pots, $4 per 100; King Humbert, $6 per 100. Jos. H. Cunningham, Delaware, Ohio.

CARNATIONS.

400,000 ROOTED CARNATION CUTTINGS.

We have the following varieties in extra strong stock for IMMEDIATE DELIVERY:

	Per 100.	Per 1,000
Matchless (white)	$6.00	$50.00
White Wonder	3.00	25.00
White Enchantress	2.50	20.00
Shasta (white)	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Philadelphia (light pink)	6.00	50.00
Mrs. C. W. Ward (pink)	2.50	20.00
Northport (dark pink)	2.50	20.00
Peerless Pink (dark pink)	6.00	50.00
Enchantress	2.50	20.00
Champion (scarlet)	6.00	50.00
Beacon (scarlet)	3.00	25.00
Commodore	2.50	20.00
Conquest (variegated)	2.50	20.00

J. D. THOMPSON CARNATION CO., Joliet, Ill.

Carnations, rooted cuttings, clean, healthy and stocky:

	Per 100	Per 1000
Enchantress, white	$3.00	$25.00
Enchantress, pink	3.00	25.00
White Wonder	3.00	25.00
Winsor	3.00	25.00
Victory	3.00	25.00
Philadelphia	5.00	45.00
Champion	5.00	45.00
Enchantress Supreme	4.00	35.00
Herald	4.00	35.00
Benora	4.00	35.00

ERNEST ROBER, WILMETTE, ILL.

Carnations, rooted cuttings: Pink Enchantress, Rose Pink Enchantress, Mrs. Ward, White Perfection, $2 per 100; $17.50 per 1,000. Herald, $3 per 100; $27.50 per 1,000. Zoe Symonds, Philadelphia, Washington, $3 per 100; $25 per 1,000. 2½-in. pots: Zoe Symonds, $3.50 per 100; $30 per 1,000. Philadelphia, $4 per 100; $35 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.

56 East Randolph St. Chicago, Ill.

STOP! LOOK! READ!
For immediate delivery.
FINE CARNATIONS FROM SOIL.

	100.	1,000.
Victory, 2,000	$3.00	$25.00
Perfection, 1,500	3.00	25.00
Philadelphia Pink, 500	5.00	40.00
Afterglow, dk. " 3,000	4.00	30.00

J. A. BUDLONG,
82-84 E. Randolph street, Chicago.

Carnations, Pink Sensation and Good Cheer, $12 per 100; $100 per 1,000. Champion and Philadelphia, $6 per 100; $50 per 1,000. Yellow Prince, Yellowstone, $5 per 100; $40 per 1,000. White Wonder, White Enchantress, Rosette, White Perfection, Enchantress, Benora, Scarlet Glow, $3 per 100; $25 per 1,000. Gloriosa, $4 per 100; $30 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY,
MADISON, N. J.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald, Philadelphia, $4 per 100; $35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, 2½-inch stock: Winsor, $30 per 1,000. Enchantress, $35. Champion, $65. Gorgeous, $40. Scarlet Glow, $35. C. W. Ward, $35. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations, Ward, White and Light Pink Enchantress, strong 2-inch pot plants, $2.50 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

WHITE.	Per 100	Per 1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Chrysanthemums, Chadwick Improved, $3 per 100; $25 per 1,000. Chrysolora, Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall and Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100; 250 at 1,000 rates. Morris Floral Co., Morris, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CHRYSANTHEMUMS.

Chrysanthemums. The best cut flower varieties that grow. Send for a complete list, pot plants, $2 per 100; rooted cuttings, $1.25 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, the best bedding kinds that grow, including Firebrand, Golden Bedder, Verschaffeltii, Trailing Queen and 10 other varieties; strong 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

200,000 COLEUS to offer this season. Of the best leading named varieties, including Trailing Queen, 70c per 100; $6 per 1,000. Prepaid. Send for list of other rooted cuttings. C. HUMFELD, Clay Center, Kansas.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, Trailing Queen, rooted cuttings, 60c per 100, prepaid. D. W. Leatherman, Anderson, Ind.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, Golden Bedder, Verschaffeltii and others, 2½-inch, 3c. Fine plants. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for present delivery, thrifty young plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

DAHLIAS.

DAHLIAS, clean, healthy stock, fully matured; novelties and standard varieties at reasonable prices. Stock true to name. Field-grown HOLLYHOCKS, HERBACEOUS PLANTS, etc. Send business card for catalogue. W. W. WILMORE, Box 382, Denver, Colo.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

Dahlias for sale cheap to close out; whole field clumps; true to name. Send for list. George Popp, Jr., Fort Recovery, Ohio.

DRACAENAS.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100; 2 to 2½ ft., 25c; 2½ to 3 ft., 35c. Cash, please. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $15; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EVERGREENS.

EVERGREEN SEEDLINGS.

Try some of these strong, well-rooted, American grown Evergreens seedlings for lining out —they are sure to please you.

	Size inch	100	1,000
Abies Balsamea (Balsam Fir)	4-8	$1.00	$5.00
Abies Concolor (Concolor Fir)	3-6	1.25	8.00
Abies Concolor (Concolor Fir)	6-12	1.65	9.00
Abies Douglassi (Douglas Fir)	3-6	1.00	4.00
Abies Douglassi (Douglas Fir)	4-8	1.25	5.00
Larix Europea (European Larch)	12-18	1.00	4.50
Picea Alba (White Spruce)	4-8	1.50	8.00
Picea Canadensis (Black Hill Spruce)	3-6	1.50	7.00
Picea Englemanni (Engleman Spruce)	3-4	1.50	4.00
Picea Englemanni (Engleman Spruce)	3-6	2.00	8.00
Picea Excelsa (Norway Spruce)	4-8	1.25	3.50
Picea Pungen (Colo. Blue Spruce)	4-6	1.50	5.00
Picea Orientalis (Oriental Spruce)	3-6	1.00	5.00
Pinus Austriaca (Austrian Pine)	6-10	1.25	5.00
Pinus Banksiana (Jack Pine)	3-6	1.00	2.50
Pinus Banksiana (Jack Pine)	6-12	1.25	5.00
Pinus Flexilis (Limber Pine)	4-8	1.00	4.00
Pinus Mugho (Dwarf Mt. Pine)	4-6	1.00	4.50
Pinus Ponderosa (Bull Pine)	3-6	1.00	3.00
Pinus Ponderosa (Bull Pine)	6-12	1.50	6.00
Pinus Resinosa (Norway Pine)	3-5	1.00	5.50
Pinus Strobus (White Pine)	2-5	1.00	4.00
Pinus Strobus (White Pine)	4-8	1.25	5.00
Pinus Sylvestris (Scotch Pine)	3-6	1.00	3.00
Pinus Sylvestris (Scotch Pine)	6-12	1.25	4.00
Pinus Sylvestris (Scotch Pine)	10-20	1.50	5.00
Thuya Occidentalis (Am. Arbor Vitae)	3-6	1.00	7.00
Thuya Orientalis (Chinese Arbor Vitae)	2-5	1.00	4.50

Terms—net, cash with order, or satisfactory references.

50 at 100 rates; 500 at 1,000 rates.

THE D. HILL NURSERY CO., INC.,
EVERGREEN SPECIALISTS,
Box 404, Dundee, Illinois.

FERNS.

Boston ferns, 2-in. .... $3.00 per 100
Boston ferns, 3-in. .... 6.00 per 100

Roosevelt out of bench, strong plants, $15.00 and $20.00 per 100.

Boston out of bench, $10.00 and $15.00 per 100.

Pteris out of flats, $1.50 per 100 clumps; shipped in flats, $1.50 per flat. Cash.

ERNEST ROBER. WILMETTE, ILL.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, 2¼-in., $4 per 100; $35 per 1,000. Teddy, Jr., fern, 2¼-in., $6 per 100; $60 per 1,000. Scholzelii and Scotii, 2¼-in., $5 per 100. The Storrs & Harrison Co., Painesville, Ohio.

BOSTON FERNS, 2½-inch, strong, $5 per 100. WHITMANI, 2½-inch, $5 per 100. Superior Nursery Co., Los Angeles, Calif.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FUCHSIAS.

Fuchsias, 2¼-in., 15 varieties, $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-in., fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

Geraniums, S. A. Nutt, 3-inch, 5c. S. A. Nutt, Buchner, White, Ricard, Beaute Poitevine, 3½-inch, 6c; 4-inch, 7c to 8c. Jean Viaud, 3½-inch, 7c; 4-inch, 8c. All fine stocky plants in bud and bloom. Cash with order. Gus. Schlegel, Olney, Ill.

Geraniums, 2 and 2¼-in., Henderson, Viaud, Ricard, Nutt, Grant, Montmore, Perkins, Meehan, Buchner, La Favorite, etc., $2.25 per 100; $20 per 1,000. Alonzo J. Bryan, Washington, N. J.

Geraniums, S. A. Nutt, $10 per 1000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt and 5 varieties, 2½-in., $3 per 100; 3-in., $4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

GERANIUMS.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12½ each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

GLADIOLUS.

LAST CALL—5,000 America, first, fine young bulbs, $6 per 1,000; second size, $5; third size, $4. Mrs. King, $1 per thousand more. Planting stock of both at low prices. All homegrown. Also 3,000 Augusta, $12. Brenchleyensis, $9. Blue Hybrids, 3rd size, $10. Baron Hulot, $2 per 100. Glory of Holland, $3 per 100. Others at prices on application. Terms, cash with order. GEO. S. WOODRUFF, Independence, Iowa.

Gladiolus, America, $1.40 per 100; $12 per 1,000. Augusta, $1.60 per 100; $14 per 1,000. Francis King, $1.60 per 100; $14 per 1,000. Princeps, $1.60 per 100; $14 per 1,000. Panama, $4.50 per 100; $40 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Gladiolus Mrs. Francis King, Jumbo size, 2-in. and up, $12 per 1,000; 1st size, 1¼-in., $9 per 1,000; regular blooming size, nearly 1¼-in., $7 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, long leucothoe, $2 per 1,000; medium, $1.50; short, 75c. Ferns, fancy and dagger, 75c per 1,000, or $3.25 per case of 5,000. Galax, bronze and green, 45c per 1,000, or $3.75 per case of 10,000. Hampton & Perkins, Roan Mountain, Tenn.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild slimax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, R. C. Centefleur, Picciola, Poitevine, Diadem, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2½-in., $2.75 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangea Otaksa, 6 and 7-inch pot-grown strong plants, 40c and 50c each. Ernest Rober, Wilmette, Ill.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

GERMAN IVY, R. C., 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

ENGLISH IVY, extra strong R. C., 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

English Ivy, 4-in., 2 to 4 leads, $8 per 100. Cash, please. Harry Heinl, West Toledo, O.

English ivy, 4-in., 3 ft., $12 per 100; 3-in., 2 ft., $9 per 100. The Storrs & Harrison Co., Painesville, Ohio.

LANTANAS.

LANTANAS, 2-inch, 6 varieties, 3c. MEMPHIS FLORAL CO., Memphis, Tenn.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

LILY OF THE VALLEY.

From Storage.

Lily of the valley, Chicago Market Brand, best valley in existence, giving the best results all year around, $15 per 1,000; $8 per 500; $4.50 per 250; $2 per 100. Florist Money Maker Brand, best Valley at moderate prices, $13 per 1,000; $7 per 500; $4 per 250. H. N. Bruns, 3032 Madison St., Chicago.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

MOONVINES.

Moonvines, large flowering, fine stock, 2½-inch, 3½c. Cash with order. Gus. Schlegel, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Hardy climbers: Ampelopsis, aristolochias, bignonias, clematis, honeysuckles, hardy ivies, hardy jasmines, Polygonum, Auberti, Kudsu Vine, climbing hydrangeas, Wistarias, Vitis, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Nursery stock for outdoor planting. Roses, clematis, shrubs, vines, perennials, shade trees. Send for list. We sell to the trade only. Jackson & Perkins Company, Newark, New York.

Hardy Shrubs; hardy azaleas, andromeda, new buddleias, hydrangeas, Japanese maples, rhododendrons, altheas, deutzias, philadelphus, Spireas, Viburnums, Weigelias, etc. Henry A. Dreer, 714-716 Chestnut St., Philadlphia, Pa.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6.	18 to 20....$	0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7.	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28 ..$	1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Balmoreana. McHutchison & Co., 17 Murray St., New York.

PANDANUS.

PANDANUS VEITCHII, nicely variegated plants, 4-in. pot sizes, $10 per 100; 6-in. pot, $15 per 100; 8-in. pot, $25 per 100. Larger sizes at 35c and 50c each; cuttings at $4 and $6 per 100. F. M. SOAR, Little River, Fla.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c; 6-in., $1.25 to $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

PANSIES—225,000 large, stocky (September transplanted), field-grown, blooming pansy plants. Henry Mette's Strain, all salable stock. Satisfaction guaranteed. $1 per 100; $10 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

PANSY PLANTS from cold frame coming in bud and bloom. From Danish seed, $1 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

Pansies, giant mixture, large transplanted plants, bud and bloom, $1.25 per 100; $10 per 1,000. Strong seedlings, $2.50 per 1,000. H. G. Norton, Perry, Ohio.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

REMEMBER. If it's a Hardy Perennial or so called old Fashion Flower worth growing, we have it in one shape and another the year around. We have the largest stock in this country, all made in America, and our prices will average 75c per doz.; $5.50 per 100. Why say any more here? Send for our Wholesale Price List of varieties and benefit from the opportunities this notice affords you. Address

R. W. CLUCAS, Mgr.,
Palisades Nurseries, Inc., Sparkill, N. Y.

Hardy perennials, field clumps; new anchusas, Anemone Japonica, aquilegias, hardy asters, hardy chrysanthemums, delphiniums, digitalis, hardy ferns, funkias, hardy grasses, double gypsophila, heleniums, helianthus, giant hibiscus or mallows, Iris Germanica, Kæmpferi, poppies, pentstemons, peonies, hardy phlox, new Phlox Arendsi, hardy pinks, primulas, dbl. and single pyrethrums, salvias, saxifraga, scabiosa, spireas, stokesia, trollius, tritomas, Veronicas, Violas, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, 2½-in., 12 vars., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

Petunias, from dbl. seed, $2.50 per 100. Jos. H. Cunningham, Delaware, O.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

200,000 CALIFORNIA PRIVET all sizes, 12 to 18, 18 to 24, 24 to 30, at $12, $15 and $20 per 1,000; fine stock. 50,000 SHRUBS and VINES low. Get trade list. 1,000,000 frost proof cabbage plants now ready. BENJ. CONNELL, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

GRAFTED PLANTS.

Choice young stock in large 2½-inch pots ready to shift into 4-inch or plant direct in the benches.

	Per 100.	Per 1,000.
White Killarney	$12.00	$100.00
Rhea Reid	12.00	100.00
Bulgaria	10.00	90.00

We also have ready for immediate shipment Killarney and White Killarney bench plants in lots of 100 or more at the rate of $50 per 1,000. All plants shipped from Hinsdale, Ill.

BASSETT & WASHBURN,
131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

ROSES.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	8.00	75.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00
BENCH PLANTS.		
American Beauty	$6.00	$50.00
Richmond	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Roses, 2½-inch plants: White Killarney, Pink Killarney, Maryland, $4 per 100; $35 per 1,000; Richmond, $3 per 100; $25 per 1,000; 3½-inch; Mrs. Aaron Ward, $6 per 100; $50 per 1,000. 3½-inch: Sunburst, $6 per 100; $50 per 1,000. Bench plants: Killarney, Richmond, Ward, Shawyer, $6 per 100; $50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Roses for out-door planting. Two-year-old plants, potted up into 5 and 6-inch pots during the winter months. Over 200 varieties in hybrid teas, hybrid perpetual, moss, rugosa, Wichuriana, Rambler, Baby Rambler, Pernetiana and tea. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, R. C., Zurich, Bonfire, Chretien, Lord Fauntleroy, Silver Spot, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

SALVIA BONFIRE, strong seedlings, 50c per 100; $4.50 per 1,000; prepaid. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Salvias, Bonfire and Splendens, fine stock, 2¼-inch, 2½c. Cash with order. Gus Schlegel, Olney, Ill.

Salvias, 2¼-in., Bonfire and Splendens, $2.50 per 100; $22.50 per 1,000. Alonzo J. Bryan, Washington, N. J.

Salvias, four best bedding kinds, 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

SEEDS.

Seeds, Ageratum, Alyssum, Antirrhinum, Asparagus, Asters, Begonias, Candytuft, Celosia, Centaureas, Cinerarias, Cobæa Scandens, Coleus, Dracænas, Grevillia, Ipomœas, Lobelias, Mignonette, Petunia, Salvia, Smilax, Stocks, Verbenas. For varieties and prices see advertisement elsewhere in this issue. The Storrs & Harrison Co., Painesville, Ohio.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 1,000 seeds, $3; 3,000 to 5,000 seeds, $2.75 per 1,000; 6,000 to 10,000 seeds, $2.50 per 1,000. Vaughan's Seed Store, Chicago and New York.

SEEDS.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 85 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

Fall bearing STRAWBERRIES, Superb and Progressive, $1.50 per 100; postpaid. Cash. GEO. H. SCHENCK, Elsie, Mich.

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Verbenas, mammoth, good 2¼-inch plants, 2c. Cash with order. Gus Schlegel, Olney, Ill.

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Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heinl, West Toledo, O.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 2½-in., $3.50 per 100; $30 per 1,000; 3½-in., variegata and green, $6.50 per 100; $60 per 1,000. Alonzo J. Bryan, Washington, N. J.

10,000 3-inch Variegated Vincas, extra fine, $5 per 100. 15,000 fall struck cuttings, $1 per 100; $9 per 1,000. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca var., 4-in. pots, $10 per 100. Jos. H. Cunningham, Delaware, O.

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Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

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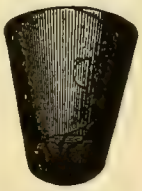

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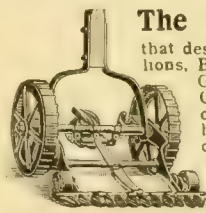

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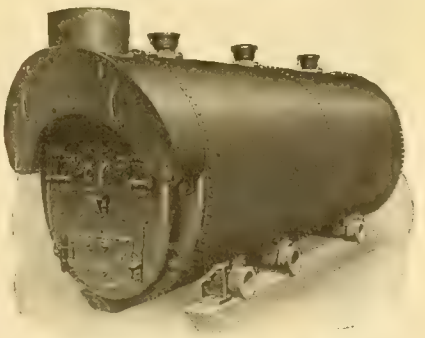

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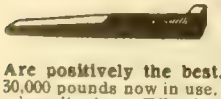

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THE AMERICAN FLORIST

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AN AD.

IN THE

Memorial Day

Number

To Be Issued May 15

will bring you your share of the Decoration Day business. It is always best to mail copy early. If you wish we will fix up the Ad for you without any additional cost. Tell us what you want to advertise; we will do the rest. To reach all the best buyers at all times always be sure that your Ad appears in THE AMERICAN FLORIST. Mail copy to

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Window Boxes - Hanging Baskets

The Window Box.

The filling of boxes with growing plants for the decoration of the window ledges or balconies of city residences is an important branch of the business, and one that should receive earnest consideration by the florist. It is a business that can be worked up and grows with its own impetus as it becomes general, two or three houses decorated in a block, inducing others to follow. Every new box helps the work along, Mrs. Smith sees Mrs. Brown's windows decorated, gets interested, and probably follows suit. Many persons who have the matter put up to them in a proper way, an appeal being made to their civic pride in helping to make the "city beautiful," will order the work done. While most people agree that boxes are things of beauty and give life and color to the city streets, yet they hesitate to do their part in the work on account of the expense or because of the trouble of watering and keeping the plants fresh while they are away in summer. Most of these objections can be met and overcome by explanation; medium priced boxes are suggested, with a system of watering and caring for plants by the month at moderate price, whether the house be closed or open.

Those who keep boxes filled the year around, are rapidly changing from the wooden receptacle to the more expensive, and at the same time permanent, terra cotta and concrete boxes, which are furnished in a number of sizes and designs that are of themselves very ornamental. They are quite heavy, but after being once placed, can be filled in position without rehandling. Some galvanized iron boxes, with false bottoms which contain a reservoir for water that is fed to the roots of the plants through sponges, are said to require little attention, and are found very practical.

On account of its low cost, the wooden, bark covered box is most favored. This should be at least six inches inside measurement in width and the same in depth, in sizes up to three feet in length; larger sizes should be seven to eight inches in width and depth. It is best when boxes are to be six feet in length or over, to fill the space with from three to four foot boxes, which when in place look like one long box. Boxes that flare out at the top, the front board slanting out, making the width from two to three inches wider at the top, give much needed additional room for a row of small plants or vines. The matter of drainage by providing holes in the bottom of the wooden boxes is not considered necessary, for as a rule the plants suffer for lack of water, rather than too much.

Good rich soil is essential to success in these window gardens, where plants are so crowded together that they are apt soon to become rootbound. Bone meal in generous measure, mixed with soil, provides nutriment as the plants exhaust the manure and other foods. Liquid manure, or water in which manure has been soaked, is beneficial when the plants become rootbound.

The filling of these boxes requires quite a little knowledge, and is best trusted to one who has had considerable experience. Almost any one can plant a few geraniums and vines in a box, send it home and let it go at that. To give satisfaction and get the best results, however, such orders should be looked into carefully. Some customers express preference for this or that plant or wish their boxes filled like Mrs. Brown's, where the situation is full sunshine nearly all day long, while their's is the shady side of the street. It is best to explain this and get the order with permission to use your best judgment.

Where customers want to be first and last, and do not mind the expense, start with pansies about April 1, follow on May 15 with geraniums and vines or with marguerites in the back and geraniums in front. About the first to the middle of August, when the geraniums are nearly bloomed out, plant Scott ferns with centers of Dracæna terminalis. With good rich soil these will make a splendid growth until the frost, when it is time for the boxwood or evergreens for the winter

campaign. As a rule the best effect in using geraniums for the sunny situations, is to keep one color to a box. A double row of small plants is better than the use of larger stock, as they produce more blooms, and do not become as straggly as the older larger plants. Ivies or periwinkle (Vinca variegata), are the best vines; other soft-wooded plants, such as German ivy (senecio) glechoma, or ground ivy, and Kenilworth ivy, are also useful, but are not so robust or hardy as the English ivy or perwinkle. Ivy-leaved geraniums, with their trailing habit are also good. The best geraniums are Alphonse Ricard, orange scarlet; S. A. Nutt, crimson; Beaute Poitevine, salmon pink, and the Double White La Favorite.

WINDOW BOX, CHICAGO OFFICE BUILDING. 1914.

For the shady side of the street, or to follow the geraniums when they have bloomed out in mid-summer, particularly in the hot city streets, there is nothing that will prove as satisfactory as the Scott ferns in connection with dracænas or highly colored crotons and bushy variegated vincas or English ivies for vines.

Boxes for the porch or veranda, which are so popular in the suburban streets, can be made larger than for the narrow window ledges. They should rest on strips of wood on the porch floor outside the railing. Much the same stock as for the window boxes will do well, but room is allowed for greater variety. In connection with Scott or Boston ferns are Pteris argyræa. Asparagus Springeri is very graceful with its long drooping sprays. Tuberous begonias also bloom splendidly in shady places, lobelias and sweet alyssums brighten with their wealth of bloom over the edge and Begonia rubra is splendid with its coral blossoms, and attended with the white striped Pandanus Veitchii the color effect is fine.

In planting boxes, as said before, the best of compost soil should be used and firmly packed about the plants, leaving a half-inch to an inch from the top of the box for water, which will soon settle to leave two inches. Watering should be faithfully attended to, as neglect that will permit a drying to the point of wilting, will cause damage that will require weeks to recover. All window boxes should be looked after for a week or so after delivery, just to see that they are getting the proper attention. Many of those who are delegated to water, do not know how much to give, or water at the wrong time. A good soaking in the late afternoon or evening is best when the moisture is taken up by the plants, rather than evaporated by the hot sun if watered in the morning.

The Hanging Basket.

There is a charm all its own about a hanging basket of graceful growing plants. Suspended in a window or arch, or in the center of porch or veranda openings, with sufficient space for the spreading plants and vines, it presents a most pleasing picture and adds greatly to the decorative effect.

There are many kinds of receptacles used as hanging baskets. The round wire dish form being probably the oldest and most frequently seen comes in various sizes from 8 to 12 inches, or even wider, in diameter. It is painted green or galvanized, and being of large mesh, has to be lined with green sheet moss to keep in the soil. When filled with plants and vines it makes a very pretty ornament. This form is much used for cemetery lots.

The terra cotta log suspended with brass chains was popular years ago. This represented a hollowed out log of wood, which was painted to represent, as much as possible, the natural wood. There are many other basket patterns of terra cotta and clay which are very practical. Rustic baskets, ornamented with laurel roots and branches, over wooden boxes, make very acceptable baskets. seeming to be so in keeping with the plants. Large conch shells, fitted with chains, make unique baskets. as do the armadillo shells. Made to order baskets in form and shape to complete and carry out certain decorative effects are now made by the florists' supply men; green willow, whole and split rattan and reed are the materials used, which are stained or painted any desired color. These have zinc linings to prevent drip. Metal baskets of zinc or galvanized iron, with self watering devices, are ornamental and practical, and much is claimed for them.

Much of the success of the hanging basket depends on the filling; the soil should be of the best and the space for plants as roomy as possible; don't attempt to crowd in too many or put rank growing stock with plants that are slow to mature. An even growth is to be desired so that the basket may be uniform and symmetrical.

A list of all the plants that are available for this purpose would be very long; a few of the best are as follows: Vines—English ivy, glechoma or ground ivy, tradescantia, Kenilworth ivy, parlor or German ivy (senecio), saxafrage, vincas, green and variegated, nasturtiums, ivy geraniums, etc. For the center and body of the basket, ornamental foliage is often more serviceable than blooming plants, as when out of flower they are often unsightly. Dracænas, with their brilliant colorings, Pandanus Veitchii and some of the crotons are good centers, together with Scottii and other ferns; for blooming plants, geraniums, petunias, nasturtiums, begonias, verbenas, neurembergias, lobelias, sweet alyssum, etc.

If baskets can be kept in the greenhouse a week or so after filling, the plants become set and receive the necessary amount of water, which might not be their lot if sent home immediately after filling. The hanging basket that suffers from the want of water is not long an object of beauty. Where they can be suspended in pairs to one rope run over small pulleys, they balance; by pushing one up the other comes down to be plunged into a bucket of water. It is then raised a foot above to drain and the other goes through the same process.

WINDOW BOX, STATE BANK OF CHICAGO, 1914.

WINDOW BOX, TRIBUNE BUILDING, CHICAGO, 1914.

In this way the work is easy and there is little or no drip. Baskets filled only with Scottii ferns, if kept well watered, become very symmetrical and are much admired. All English ivies, as well as all tradescantias make very effective baskets. By judicious pinching they are kept within bounds and trained to any desired form. K.

Shasta Daisy.

ED. AMERICAN FLORIST:

Please give treatment of Shasta daisy for winter bloom.

Ohio. AMATEUR.

I have not seen the Shasta daisy flowering very early in the winter months. The stools require a period of rest and freezing before they can be brought into the greenhouse; then they should be allowed to start out in a cool temperature so that they will commence their growth gradually. The temperature of the carnation houses is all these plants will stand. The best results that I have been able to obtain with perennials, is to start from seed. Sow the seed in July, transplant the seedlings as soon as large enough to handle, then when large enough, prepare the beds and plants the same as mignonette and treat the same as you would this plant, maintaining a cool temperature and keep them a little to the dry side. C. W. JOHNSON.

DOUGLAS, WYO.—The state has leased 40 acres near Sheridan for a demonstration farm. An expert horticulturist will be employed.

TAMPA, FLA.—Among the prominent visitors who attended the convention of the Florida Horticultural Society, in this city, none were better known than Dr. H. Nehrling, of Gotha, and his son, Werner Nehrling, of Orlando. Dr. Nehrling has a range in Gotha which covers several acres and his specialty is caladiums. He has over 3,000 different varieties of these plants. Werner Nehrling is superintendent of the city parks in Orlando and is one of that city rising young men.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Undesirables.

In the last few years we have heard a great deal about undesirables, especially applied to emigrants and foreigners, and very often, or too much so, is this expression applied to people who do not deserve such treatment. Some of your most undesirables have built your railroads in this country and have done a great deal to help develop this great country.

I now find that this same expression is applied to a good many retailers who absolutely do not deserve it. Just because they are not the oldest or largest retail florists' concerns does not mean that they will fill orders in poor shape or forget to pay their bills promptly. I can make a correct statement and say to you that these younger concerns in a great many cases are more businesslike and can see an opening for a new field quicker than others, as the other florists think they "have enough business, what is the use of looking for more," and send trade away from their stores, but these very same concerns are willing to receive all the orders from out of town correspondents they can get.

They sometimes wonder how the new concerns can get these orders, but they also forget that this new concern has let the public know that orders for out of town can be delivered. It was enabled to send orders all over the country and naturally retailers it sent orders to have reciprocated, for which you can neither scold nor blame them.

Remember that even you, who own the largest and best equipped retail flower shop, may have been at the start, the same kind of undesirable and yet if somebody had called you that, you hardly would have taken it good-naturedly. Of course, I realize that there are exceptions in all cases, but please do not use the word "undesirables" unless you can make good and prove something which may justify you in using your criticism.

Will someone kindly write an argument to these few lines, as I am willing and only too glad to hear what my brother florists have to say?

ALBERT POCHELON,
Sec'y Florists' Telegraph Delivery.

Enthusiasm.

There are men and women active in their sphere, whose presence is always welcome; they brighten up the atmosphere of the place, their bright cheerful faces ever beaming gladness; they are full of enthusiasm and the joy of living.

Success in any undertaking, without enthusiasm, is very doubtful, for this is the power that keeps up the pressure and has the machinery going constantly. "He's so enthusiastic," is often heard of this or that man, who doubtless was fairly bubbling over with his love for the business, and whose work was a revelation in consequence of this force. To work half-heartedly is to do little, and that not very well. To get the best results one must be in love with the work and must like the atmosphere of the shop. He is always planning to do better, to make it his best year, to get new customers and how to hold them. This spirit of enthusiasm is always to be found in the successful florist, be he grower or retailer. In working among and with the flowers, he finds so much to admire, so much in which there is sterling merit, that he cannot help being enthusiastic—"What a beautiful color, such a perfect flower in every respect—I will devote a whole house to this next season." New things, about which great claims are made by the introducers, are looked into, the urging spirit says try them, and their care and culture is watched with great interest. All the workers about a successful

grower's establishment are full of enthusiasm. It is based on success, it is contagious, and in the spirit of the place, where the men are proud of their work, their success makes them enthusiastic.

Those sportsmen who succeed in certain lines, are great enthusiasts for their particular sport; the good bowler almost sleeps on the alleys; the gunner is always ready for the traps; the golfing expert thinks his game the best of all. Such enthusiasm, put into the game of selling flowers, will produce wonders, as it keeps a man's mind in his work, and he is always striving to get together the best, or to offer it in the most salable condition.

WINDOW BOX, AUDITORIUM HOTEL, CHICAGO, 1914.

Enthusiasm is the secret of success in selling. The clerk, who has a fancy or love for certain plants or flowers, will sell more of these than others of his stock; they come first to his mind, he points out their particular good qualities and is so full of their merits that he convinces his customer, and the order soon follows.

Success in this or that undertaking, the result of well planned and close application, is most gratifying; it was hard work, but the results more than justified the efforts. It is these achievements that build up the business; it makes men enthusiastic, and they take hold of the opportunities as they come along, or meet them half way or more. Enthusiasm leads men to greater things; it opens their eyes to the many improvements that can be made. For example, an auto car succeeds the wagon, while a new car supplants an old one, and so on in every department —nothing is too good, no expense too great, for the increasing business must be given every encouragement.

Practically, there are no obstacles to the enthusiastic man, for he is so filled with the spirit of advancement, going ahead by sheer force, of his former successes, that what would deter the timid or half-hearted man, is brushed aside by his faith in himself and his business.

To the man who finds pleasure in his work, much reward will come in the knowledge of what has been accomplished, and in the inspirations that are, most often, the working of a mind trained to observe. K.

HUTCHINSON, KAN.—J. R. Souders has a permit to build a $3,000 greenhouse.

THE ROSE.

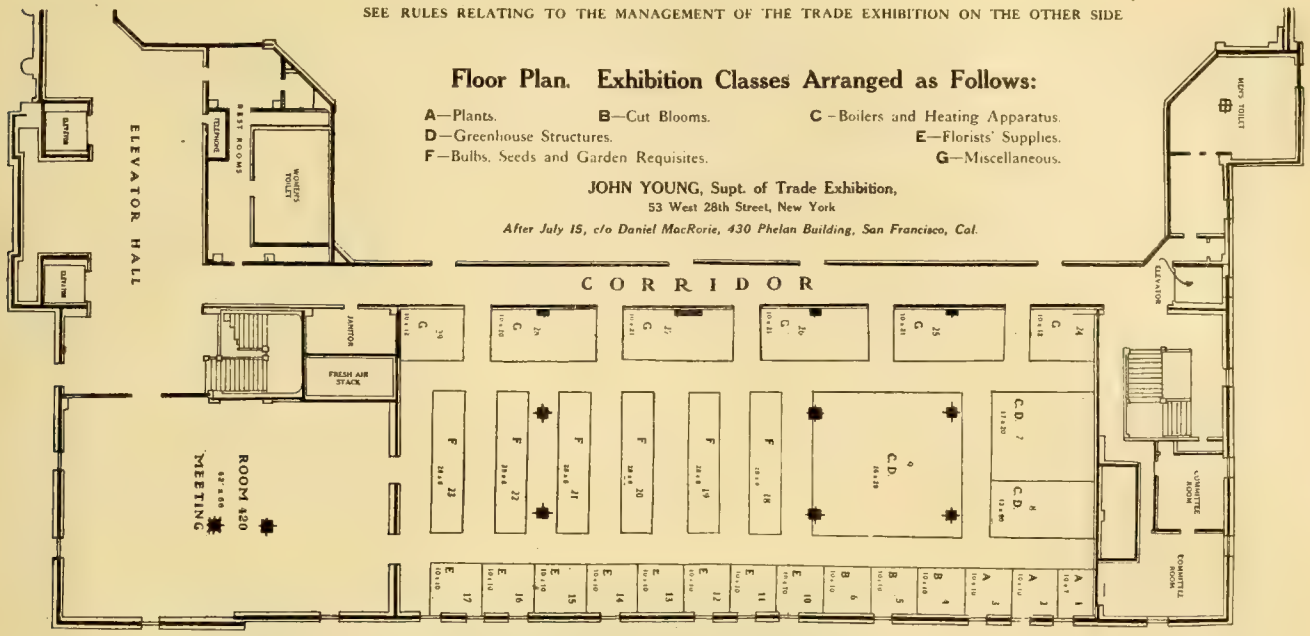
Starting the Summer Houses.

Perhaps by the time this article goes to the press the growers will be jubilant over the Easter returns. We truly hope so. After reading last week's reports, it strikes us that we are in a fair way to pull off one of our real hustling business-like Easters that leaves the grower with a nice balance for a rainy day. Even if things do not turn out or come up to expectations, we do not want to lose our grip on the things that count, but to keep right on plugging and striving to have still better stock to offer and plenty of it.

Now is a good time to get the summer houses started up. Some growers find that it pays to rest up Maryland, Kaiserin, Russell and perhaps a few other varieties after the cut by running the houses cool and starting them up about April 1. The treatment for the above varieties is practically the same. We advocate rather hard pruning, and the thinning out of all small growth, leaving nothing but good, clean, strong canes. One-year-old stock should be pruned about a foot from the ground on an average; of course there may be good branching wood that would be sacrificed if one was to be exact, and prune every plant down to 12 inches; here and there a plant will naturally range a little higher, and here is where the judgment of the grower must be used to good advantage. If the beds have been run only one season, it will only be necessary to remove just a little of the surface soil, first pruning and tying everything in snugly to be out of the way. Then apply a good two-inch mulch of fairly well rotted cow manure and give the plants a good soaking. The temperature should not go below or exceed 40 degrees for a week or so, allowing plenty of air during the day at a temperature of 50 to 55 degrees. No artificial heat should be used, unless the temperature should threaten to go below the figures given. On the other hand, should a warm spell of weather come, do not be afraid to air day and night. We have found that our plants have done much better letting them come right along according to the season outside; that is, a gradual increase of the temperature without the fire heat, except as stated on especial occasions. The maintaining of the proper temperature will require careful handling, especially through April and part of May north of Philadelphia; farther south, where the season is perhaps from two to three weeks earlier, and also away from the coast, the plants will be much easier to handle. One will have to fumigate frequently and syringe every bright day. Keep the mulch stirred or rubbed over, except when the growths are about an inch in length, for at this stage many growths would be broken off working around the plants. The soil should be kept fairly moist, but never soggy.

After the first heavy watering, the plants seldom require more than syringing until they begin to make foliage. Stock that has been carried over for two or more seasons should be given some fresh soil to work in. Remove about three inches of the old soil and renew with good fresh sod soil, two parts soil to one of good cow manure, with the addition of some good bone meal, allowing a handful to each square foot of surface. This topping should be turned several times before taking it into the houses, and should be packed quite firmly. Remember there will be lots of feeding roots exposed when removing the old

WINDOW BOX, CHICAGO TELEPHONE CO.'S BUILDING, 1914.



THIRTY-FIRST ANNUAL CONVENTION, SOCIETY OF AMERICAN FLORISTS, AUGUST 17-19, 1915.
Exposition Memorial Auditorium, San Francisco, Calif.

soil, so the mulch should be prepared ahead of time in order that no time is lost in refilling. Use as much help as possible to wind up this work quickly. If the soil is found to be baked, or hard to remove, it can be loosened up with light crowbars. We have found a handy tool for this purpose, is to take a five-foot length of one-inch steam pipe and have a blacksmith weld a hard point on one end; it is light and one can easily loosen up the soil all through the beds without injury to the plants or roots, removing the loosened soil by hand and leveling the surface with small hand cultivating tools. It is well to make a note of it though, that the most harm done to the plants is in allowing the roots to stay uncovered or exposed too long.

Usually after Easter the plants have a general cut-down appearance, especially if cropping has been the rule. It will be found much easier to tie a house in this condition than after the new growths are started, so don't let this get by you. And during the changeable weather, usually at this this time, look after the ventilating very carefully; it will keep one on the go to head off the sudden drops and rises of the temperature inside. Another thing of great importance at the change of the season is the banking of the fires as early as possible, and to keep ahead of the green fly, which is worse at this time than at any other during the season. Only the most careful watching from now on will enable the rose grower to bring his plants through in good shape by the time firing ceases. If they should be soft and weak then there will be breakers ahead. E.

Siebrecht in California.

Perhaps one of the most notable visitors, in the interest of horticulture, to visit California in late years was H. A. Siebrecht of New Rochelle, New York. Mr. Siebrecht's mission to California was to plant the grounds for the New York state building at the Panama-Pacific Exposition at San Francisco. He came to California a short while before Christmas and worked hard there for three months seeing that everything was done right to give the correct setting for his state building. Having satisfied himself that everything was doing nicely he came to make a short visit to southern California on his return homeward. He stopped in Los Angeles three days and spent one day at the exposition in San Diego. While in Los Angeles he was shown the different nurseries, greenhouses, etc., at Eastlake Park, and large gardens, by G. E. Elster of the Roeding & Wood Nursery, and the writer. One afternoon was spent at Busch's sunken gardens, at Pasadena, which seemed to be of great interest to him. At no time of the year could Mr. Siebrecht see the gardens in finer display. The orange trees were in full bloom, as were many other trees, and the roses, many annuals and perennials in gay colors made the landscape of especial beauty. He was quite taken with the magnificent blooms on the rose bushes right out in the open. In some instances he stated that they could do no better in the east under glass. The illustration shows Mr. Siebrecht on the left and Mr. Elster on the right, looking down into one of the sunken gardens.

H. A. Siebrecht in California.

Accompanied by G. E. Elster (on right) of Roeding & Wood Nursery Co., Los Angeles at Busch Sunken Gardens, Pasadena.

The nurseries visited included those of Roeding & Wood, Howard & Smith, H. W. Turner, and Ed. H. Rust. He had nothing but words of praise for the different concerns as to their variety of stock, the methods of handling, shipping and the propagating. We all hope to see Mr. Siebrecht back in California in the near future.

HAL S. KRUCKEBERG.

The San Francisco Convention.

RULES OF THE TRADE EXHIBITION.

The Society of American Florists, through its executive board, shall control all features of the trade exhibition and the secertary, shall act as superintendent of the exhibits, and with an advisory committee of three, shall have general charge of all details of the annual exhibition.

Exhibition space shall be designated in square feet. The charges for space shall be as follows:

Minimum charge $20.00
Flate rate, per square foot....40 cts.

Exhibition space shall be limited to six feet six inches above the floor, except for plants, greenhouse structures or other exhibits which necessarily extend to a greater height. Plant and cut flower exhibits may be also built up to any height authorized by the superintendent. All exhibits, except as above specified, which extend above six feet six inches in height, shall be charged 20 per cent. additional, on the exhibit. All signs must be kept within the space limit. Where tables are

against the wall, wall space up to six feet six inches above the floor and of the length of the table, will be furnished the exhibitor without extra charge. Wall exhibits extending above this height will be charged for the additional space, at wall space rates. Signs on the wall or elsewhere, shall not extend higher than six feet six inches above the floor in any exhibit.

Wall space, without floor or table space, or when exceeding in dimensions the amount allowed with the exhibition space, shall be charged as follows:

Minimum charge $8.00
Flat rate, per sq. foot.....15 cts.

Wall exhibits shall not project over one foot from the wall.

Exhibition classes to be arranged as follows:

A.—Plants.
B.—Cut Blooms.
C.—Boilers and Heating Apparatus.
D.—Greenhouse Structures.
E.—Florists' Supplies (including fancy earthenware).
F.—Bulbs, Seeds and Garden Requisites.
G.—Miscellaneous.

Exhibitors showing novelties or other improved devices which they wish to have examined by the judges for such special notice or award as they are deemed worthy of, shall make an itemized entry thereof with the secretary in advance. Firms or corporations desiring their exhibits considered for award must state the name of a member of the firm or company who is a member of the S. A. F.

For exhibits deemed worthy thereof, diplomas of three grades may be given as follows: Certificate of merit, honorable mention, highly commended.

No distinction as "first," "second," "best," or "largest," or other mention indicating comparisons with other exhibits shall be made.

No award shall be made covering the quality of seeds, fertilizers, paints and other articles of such a nature on which an intelligent opinion cannot be had without a practical test.

None but flower pots conforming to the society's standards will be considered for award by the judges.

No award shall be made to exhibitors who are not members of the Society of American Florists and Ornamental Horticulturists.

All protests and complaints must be presented in writing before the close of the exhibition, and complaints or protests not so made will not be considered.

Exhibits not in position before 1:00 p. m. of the first day of the convention, may be excluded from mention in the superintendent's report or consideration by the judges, and all articles exhibited must be left in place until the close of the business session of the convention which shall be 10 o'clock p. m. on the third day.

The selling of goods by persons not having engaged space shall be prohibited unless such person or firm shall have secured a permit or license from the secretary, the same to cost not less than twenty dollars ($20).

When more than one exhibitor joins in the same space there shall be an additional charge of $20 for each additional exhibitor.

A copy of the floor plan, a reproduction of which is given herewith, showing arrangement of space for the exhibition's classes, together with complete set of rules relating to the trade exhibition. can be had upon application to John Young, superintendent of trade exhibition, 53 West Twenty-eighth street, New York; after July 15, in care of Daniel MacRorie, 430 Phelan building, San Francisco, Calif.

THE CARNATION.

Care of the Young Plants.

The young plants for next season's planting will need considerable attention to keep them in a good growing condition so that they will be strong branching stock when the time comes to plant them out in the field.

The earliest propagated plants that are now well rooted in 2¼ or 2½-inch pots should be potted up into 3-inch to carry them along until planting out time. This extra potting may seem like a lot of extra work, but it is necessary, and one is well repaid for it by

P. W. Peterson.
Supt. of J. D. Thompson Carnation Co.'s Greenhouses.

having a nice lot of vigorous growing plants, instead of hard, woody weaklings.

Every day from now on will bring increased sunshine, and during the next six or eight weeks left for the young plants to remain in the greenhouse, is a period of very rapid growth; so much so that plants now in 2½-inch pots, if not shifted on, will become altogether too hard and stunted, and will be a long time in starting into growth again after being planted out in the field. Topping is one of the very important parts of the work in caring for the young plants at this time, the habit and productiveness of the plants later on, depending largely on the careful attention given to this work while the plants are young. The aim should be for well branched plants before setting them out in the field. Allow the young plants to stretch out a little, so that it will not be necesary to top back too close to the soil; leave about three joints above the soil for the first breaking, and it is very important that the topping be done evenly, so that the growth of the plants will be even throughout the season. See that the young plants are kept free of weeds; clean them out before they have a chance to choke the life out, and start up the disease among the plants. Any propagating still to be done should be attended to without any further delay. Two or three weeks from now the weather conditions may be such that it will be very much more difficult to get a good stand of cuttings, and as soon as the cuttings are rooted, pot them up into 2½-inch pots. Cuttings taken from the sand now and potted into 2½-inch, will not need to be potted again before planting out.

The routine work in caring for the flowering plants needs close attention right along. The soil in the beds is now heavily matted with roots, so that the plants will be greatly benefited by a light mulch of well rotted manure and soil, but do not mulch heavily at one time; put on enough to cover up the roots that are pushing through the top of the soil, and when the plants have taken care of this, a dressing of pulverized sheep manure can be put on. Then if it is the intention to carry the plants along into the hot weather, a later mulch can be put on. It is very much better for the plants, to mulch lightly and often, than it is to put on a very heavy mulch at one time. The plant growth in the spring of the year is very rapid, and a heavy mulch will cause the plants to make a heavy grassy growth at the expense of flowers. Overfeeding will also cause the flower stems to be brittle so that they snap off at the joints with the least touch.

Now that we are getting more sunshine, and the plants can be given more air, they should be given an occasional syringing to keep the red spider in check, for if this pest is permitted to get a firm hold on the plants, it means the ruination of both the plants and flowers, and they increase very rapidly as the weather becomes warmer. The plants being heavy in growth, it is necessary to syringe early in the day to give them a chance to dry out again before night. Ventilating the houses is one of the important parts of the routine work, especially so at this season of the year when sometimes we get several different kinds of weather in one day. Be careful not to allow the temperature to rise above the mark before opening up early in the morning, nor allow it to drop too low before lowering down in the afternoon. Most nights from this time on will be moderate enough to allow for a little crack of air to be left on with the steam heat.

To make room for the young stock, some of the flowering plants may have to be sacrificed. Select those that are falling in crop, and for which the demand is not strong. There will be a very limited call for red after this date.

C. W. JOHNSON.

J. D. Thompson Carnation Co., Joliet, Ill.

The J. D. Thompson Carnation Co., of Joliet, Ill., practically doubled the size of its glass area when it took possession of the old Chicago Carnation Co.'s greenhouses on March 1 which it has leased for a term of years. The Thompson range consists of 125,000 feet of glass and will hereafter be known as Plant 1 and the old Higinbotham place only a short distance away is practically the same size and will be known as Plant 2. Chas. W. Fisk is manager of the Thompson company and P. W. Peterson is the superintendent and will hereafter attend to both places with the assistance of

William Kellson who is employed at Plant 2. The entire 250,000 feet of glass is devoted to cut flowers principally carnations and the varieties grown at this establishment are Beacon, Commodore, White Enchantress, Enehantress, White Wonder. Champion. Rose Pink Enchantress, Mrs. C. W. Ward, Matchless, Princess Dagmar. Enchantress Supreme, Philadelphia, Gloria, Peerless Pink, Gloriosa, Pink Delight, Shasta, Superb, Vera, Comet, Hero and Aviator. The five last named varieties are all new seedlings that appear to be very promising and will be disseminated next season. Superb and Vera are both of a pleasing light pink color, while Comet is white, Hero, dark pink, and Aviator, intense scarlet.

A few orchid flowering sweet peas are grown and one variety in particular that is attracting much attention and of which the seed is being saved is the color of the American Beauty rose and everyone that has had the pleasure of inspecting it has been most favorably impressed with it. About 35,000 gladioli are grown and are doing nicely and Mr. Peterson expects to have a big crop of America, Mrs. Francis King and Augusta for Memorial day. Chrysanthemums are grown on a large scale also, and there are several large benches of fine healthy rooted cuttings in all the best commercial varieties on hand for their own use and for sale at wholesale. While quite a business is done in the sale of chrysanthemum cuttings and plants, the propogation of carnations is and always has been the main part of the firm's business. A visit to this establishment will find a large stock of fine rooted cuttings on hand ready to ship out as well as a nice supply of plants in the soil. Mr. Peterson says that the demand did not set in for cuttings as early as last year, but orders are very numerous now, and more are continually arriving. Plant 2 will be remodeled as early as possible, and new Kroeschell boilers will be installed this summer, and no expense will be spared to place the range in the best condition possible. The entire output of the two places is sold at wholesale direct from the greenhouses where all modern conveniences are had and a glance at daily order sheets show that their customers are pretty well distributed throughout the western and southwestern states. Superintendent Peterson is always glad to receive visitors and no matter how busy he is he always manages to show one around besides seeing them safely to their train in his new Overland automobile.

Houston, Texas.

Plans for landing the 1916 annual convention of the Society of American Florists for Houston were discussed and set in motion at a regular meeting of the Houston Florists' Club Monday night. The invitation to the national organization will be extended through the Texas State Florists' Association and an effort will be made to make it an entire Texas state affair.

A large delegation from Houston will attend the annual convention of the Society of American Florists, at San Francisco next August. Previous to that date the matter will be put before the Texas florists at the Texas convention at Fort Worth, July 12-13. Houston will ask for both the 1916 annual state convention and the 1916 national convention. T.

OBITUARY.

Andrew Washburn.

Andrew Washburn, founder of the firm of A. Washburn & Sons, florists, Bloomington, Ill., died at his home in that city, April 21, after an illness of only a few days. He was 77 years of age. He was born in New York City in 1838, but in the spring of 1866, he removed to Illinois and established the foundations of a business that has grown to large proportions. He had quite a reputation as a violet grower about 20 years ago when Marie Louise was grown so extensively in his section. For the past three years he had taken no active part in the business, the details having been turned over to his three sons, Frank L., treasurer of the Illinois State Florists' Association; George A. and Edwin. Three daughters and his widow also survive him.

Mr. Washburn was an unassuming and straight-forward man in all his dealings, and was the soul of honor in his business life. His death at a ripe old age was the rounding out of a typical career of honor and usefulness.

The Late Carl Hirsch.

Carl Hirsch.

Carl Hirsch, proprietor of Hillsdale Floral Park, Hillsdale, Mich., landscape gardener for the New York Central lines, in charge of the gardening of that railroad between Toledo, O., and Chicago, and former president of the American Association of Railroad Gardeners, having been elected to that position at the second annual meeting of that organization at Niagara Falls, N. Y., September 9, 1908, died at his home in Hillsdale, April 23, aged 50 years. He was taken seriously ill at Chicago with intestinal trouble, while on his way to Darlington, Ia., to attend the funeral of a relative, and although physicians at Chicago wished to operate, he refused to consent until he reached his home. Gangrene had set in by that time, however, and three operations failed to save his life.

Carl Hirsch was a native of Chemnitz, Saxony, and was educated in his native land, learning the art of landscape gardening there. He worked at his trade in Leipsic, Nuremberg and other European cities, removing to the United States in 1888. He had lived in Hillsdale for 20 years, and during 19 years of that period conducted a greenhouse there. At the time of his death his range comprised about 30,000 square feet of glass, and is one of the most modern and prosperous in southern Michigan. A nursery to supply shrubs for the railroad plantings was also located at Hillsdale, and under his supervision. Owing to his duties as gardener for the railroad, his wife has been of great assistance in the successful management of the greenhouses, and both she and a daughter, Pearl, have the sympathy of a host of friends in their bereavement.

Mr. Hirsch belonged to the Masonic order, the Odd Fellows, the Foresters, the Knights of the Maccabees and the Knights of Pythias. Funeral services were held Tuesday, April 27, and the number of floral tributes at his bier bore witness to the high esteem in which he was held. J. H. E.

Providence, R. I.

NO COMPLAINT ON BUSINESS.

Business last week was good. Design work kept us all busy and cut flowers and corsages seemed more in demand than usual. Carnations are still filling the markets. Outdoor daffodils and tulips are now coming in and are selling well. Baskets of pansies, English daisies, and forget-me-nots are being sold by all the small stores.

NOTES.

The Providence Cut Flower Store opened at 356 Westminster street last Saturday, selling cut flowers at very low prices.

Bourgaise & Sons of the Hoxie Nurseries, have a crop of 150,000 daffodils to dispose of. These are all outside.

Henry Patrie is on the sick list.

Visitor: H. Kurth, of Reed & Keller Company, New York. H. A. T.

Joliet, Ill.

A. C. Rott reports that business is as good as can be expected, and that he has been quite busy with funeral work. A nice business has been established during the seven years he has been located here, and new customers are being steadily added to his list. Mr. Rott has rented one of the Thompson greenhouses for his own use, where he keeps his palms and other decorative stock that he uses in his large decorations.

Mrs. Joseph Labo has about 30,000 feet of glass devoted to roses, carnations and bedding plants, the output of which is sold at retail direct from the greenhouses and the store down town. Heaton Nichols is acting as manager, and everything is going along nicely and business is as good as can be expected.

P. W. Peterson, superintendent of the J. D. Thompson Carnation Co., is sporting a new Overland touring car, which comes in handy in making the trips to and from the greenhouses. The writer is indebted to Mr. Peterson and Mr. Rott, who so kindly escorted him about the city during his recent visit.

Larson & Goranson have about 10,000 feet of glass devoted to carnations and bedding plants, and a new concrete office building now adorns the premises. Mr. Goranson has not been feeling very well of late, but is up and around as usual.

The Carter Floral Co. always has a nicely kept establishment, and the store and conservatory set back some little distance from the street as it is, presents a very pretty and inviting appearance.

The Joliet Nurseries are having a splendid season, and Heaton Nichols and his associates are working overtime to keep up with the orders.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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FICUS ELASTICA, the good old fashioned rubber plant, seems to be coming into new popularity with retail buyers.

WE have received from C. W. Johnson, secretary, proceedings of the thirteenth annual meeting of the Chrysanthemum Society of America, held at Indianapolis, Ind., November 6-8, 1914.

THE Kroeschell Bros. Co., Chicago, shipped two of its well-known greenhouse boilers to Lowe & Shawyer, Uxbridge, London, Eng., April 23, each of 48,000 square feet heating capacity. A similar shipment by the same firm was made last fall.

BEACON, N. Y.—Benjamin Hammond, the well known manufacturer of insecticides and other florists' specialties, has an interesting article in the Fishkill Standard of April 17, on "New York City Fifty Years Ago," about the close of the civil war.

The Peony Crop.

Carl Cropp, of Vaughan's Nurseries, Western Springs, Ill., says peonies are about 18 days earlier than last year.

Wm. A. Peterson, of Peterson's Nursery, Chicago, advises that his peonies are just 14 days ahead of last year as to the period of growth.

W. A. Rieman, Vincennes, Ind., reports that peonies in his section will be in about a week ahead of the usual time with a full crop, unless weather conditions change materially.

Sarcoxie Nurseries, Sarcoxie, Mo.—The peony season is about normal here with the outlook promising.

Proposed National Dahlia Society.

A call has been sent out by Richard Vincent, Jr., of R. Vincent. Jr., & Sons Co., for a meeting to be held at the Grand hotel, Broadway and 31st street, New York, the object being to discuss the advisability of forming a National Dahlia Society, which if organized will include in its membership, amateurs, professional gardeners and others who may be interested in dahlia culture. Among others who have signified their intention of giving their support to such a society are the following: J. K. Alexander, East Bridgewater, Mass.; Geo. W. Kerr. of W. Atlee Burpee & Co., Philadelphia, Pa.; John Lewis Childs, Flowerfield, N. Y.; Henry A. Dreer, Inc., Philadelphia, Pa.; C. Betscher, Canal Dover, Ohio; Head's Nurseries, Bergenfield, N. J.; Geo. L. Stillman, Westerly, R. I.; W. W. Wilmore, Denver, Colo.; Geo. H. Walker, North Dighton, Mass.

Women's National Agric. and Hort. Ass'n.

A very interesting conference has been arranged by the Women's National Agricultural and Horticultural Association to take place Friday, May 7, at the Museum building in the Bronx botanical garden, under the auspices of the New York Horticultural Society. Among the speakers who have already accepted are George T. Powell, president of the Agricultural Experts' Association of New York city; Arthur Dean, of the state department of education; Mr. Jarvis, of the United States bureau of education; Maurice Fuld, vice-president of Knight & Struck Co.; William C. Leming, secretary of the Northern Nut Growers' Association, and Samuel Fels, president of the Philadelphia Vacant Lots Association. The conference is to cover an interesting variety of subjects, such as vacant lot gardening, children's gardens, agricultural and horticultural training for women, some important requirements in the back to the land movement, the possibilities of nut growing in the east, perennials. roses, direct selling, etc.

An interesting feature of this year's conference will be an exhibit of members' work, ranging from garden photographs and pottery to butter and eggs and honey. Mrs. S. A. Brown, of New York, is in charge of this exhibit. The association is formed to bring together people interested in any form of agriculture and horticulture, to act as a clearing house for information on these subjects, and to help and encourage women who desire to make a living in these lines of work. Any one interested in these subjects is eligible for membership, and the association, though little more than a year old, is growing rapidly, with members ranging from Maine to California. The Bronx botanical gardens will be at their loveliest, and it is hoped that many will avail themselves of the invitation to attend the conference, which is extended to every one interested.

MISS HILDA LOINES, Chairman.

Crabb & Hunter, Grand Rapids, Mich.

Trust deeds and a trust mortgage covering all of its property has been turned over to the Grand Rapids Trust Co., by the Crabb & Hunter Floral Co., of that city, for the benefit of creditors. Under the direction of the trust company the business is being continued, the trustees, believing that all claims will be satisfied in full, if sufficient time be allowed to turn real estate holdings to advantage.

June Bug Warning.

The United States department of agriculture has issued a warning that May beetles, also known as June bugs, may be very destructive this year, especially in northern Iowa, southern Michigan, northern Illinois, southern Minnesota, and part of the east.

New York to San Francisco.

The transportation committee of the New York Florists' Club have arranged with Thomas Cook & Sons, tourist agents, to handle the transportation details of the club on its trip to the S. A. F. convention at San Francisco, Calif., in August. The rate is $156 round trip and includes the following service:

Pullman service New York to San Francisco as per itinerary below and hotel accommodations at Banff, Lake Louise, and Seattle as specified. Pullman reservations, going, (one-half section) and hotel accommodations will be arranged in advance. Pullman service returning, San Francisco to New York, will amount to about $20. Dining service returning will depend on what one wishes to eat.

Anyone wishing to go via the American Rockies and through Yellowstone park, can arrange for this trip which will take five days at a cost of $53.50. This includes all expenses during the five days—park hotel accommodations, buses, etc.

The entire trip New York to San Francisco and return, including the trip through Yellowstone park, will take 34 days, and will cost approximately $300 per person. Any further information will be furnished upon application to R. J. Irwin, secretary of the transportation committee of the New York Florists' Club, 108 West 28th street, New York.

ITINERARY.

August 5, Leave New York via New York Central railroad, 12:50 p. m., Train No. 41.
August 6, Arrive Chicago 3:30 p. m.
Leave Chicago 6:30 p. m. via C., M. & St. P.
August 7, Arrive St. Paul 7:10 a. m.
Leave St. Paul 11:00 a. m.
August 9, Arrive Banff 9:13 a. m. Room and meals at Banff Springs hotel during stay.
August 10, Leave Banff 9:13 a. m.
Arrive Lake Louise 10:30 a. m. Rooms and meals at Lake Louise chalet during stay.
August 11, Leave Lake Louise 10:30 a. m.
August 12, Arrive Vancouver 11:00 a. m.
Leave Vancouver by steamer 12:00 noon.
Arrive Victoria 4:30 p. m.
Leave Victoria 5:30 p. m.
Arrive Seattle 10:00 p. m. Room only at Hotel Washington.
August 13, Leave Seattle 11:15 p. m.
August 14, Arrive Portland 6:45 a. m.
Leave Portland 8:15 p. m.
August 16, Arrive San Francisco 7:30 a. m.

San Francisco Hotel Rates.

The following is a list of San Francisco hotels and rates issued by the S. A. F. hotel committee for the information of those who will attend the annual convention at San Francisco, August 17-19, 1915. The rates quoted are for one person, European plan. For further information regarding reservations, etc., write Frederic J. Bertrand, care of Joseph's, 233 Grant avenue, San Francisco, Calif.

Hotels	Rates per day without bath.	Rates per day with bath.
Argonaut	$1.00 to $2.00	$2.00 to $3.00
*Baldwin		2.00 to 4.00
*Bellevue		4.00 to 6.00
*Clift		2.50 to 4.00
Court	1.00 to 4.00	2.00 to 6.00
*Fairmont		4.00 to 7.00
Golden West	1.50 to 2.50	2.00 to 3.00
Goodfriend	1.50 to 3.00	2.00 to 5.00
Granada	2.00 to 3.00	3.00 to 4.00
Inside Inn	1.50 to 2.00	2.50 to 5.00
Lankershim	1.50 to 2.00	2.00 to 4.00
Manx	2.00 to 3.00	2.00 to 3.00
Palace	2.00 to 2.50	3.00 to 7.00
Plaza	1.50 to 3.00	2.00 to 6.00
Stanford	1.50 to 2.00	2.00 to 2.50
Stewart	2.00 to 3.00	2.50 to 4.00
St. Francis	2.00 to 4.00	3.00 to 6.00
*Hillcrest		1.50 to 2.50
Turpin	1.50 to 2.00	2.00 to 3.00
Victoria	1.50 to 2.00	2.00
Washington	1.00 to 1.50	1.50 to 2.00

*No rooms without bath.

"Red Devil" Manual Training Contest.

The Smith & Hemenway Co., Inc., 170 Chambers street, New York, have announced a unique prize contest. This company, after conferring with a number of manual training educators, felt that enough attention was not being paid to the possibilities of glass working, and prizes will be awarded for the largest number of articles and designs made with the aid of their "Red Devil" glass cutters. As the contest closes May 31, it is requested that enrollments be sent in promptly.

Club Meetings Next Week.

Lenox, Mass., May 1, 7:30 p. m.—Lenox Horticultural Society, Town hall. Geo. H. Instone, secretary, Lenox.

San Francisco, Calif., May 1, 8 p. m.—Pacific Coast Horticultural Society, Sachem hall, Redmen's building, 240 Golden Gate avenue. W. A. Hofinghoff, secretary, 432 Phelan building, San Francisco.

Detroit, Mich., May 3, 8 p. m.—Detroit Florists' Club, Bemb Floral hall, 153 Bates street. R. H. Wells, secretary, 827 Canfield avenue, Detroit.

Buffalo, N. Y., May 4, 8 p. m.—Buffalo Florists' Club, Kasting's hall, 385 Ellicott street. Wm. Legg, secretary, 889 West Delaware avenue, Buffalo.

Dayton, O., May 4, 8 p. m.—Dayton Florists' Club, 37 E. Fifth street. Horace M. Frank, secretary, 112 South Main street, Dayton.

Milwaukee, Wis., May 4, 8 p. m.—The Milwaukee Florists' Club, Kurtz Bros., Third and State streets. Eugene Oestreicher, secretary, North avenue and Fifty-fifth street, Milwaukee.

Minneapolis, Minn., May 4, 8 p. m.—Minneapolis Florists' Club, usually at Rice Bros., 218 North Fifth street. Wm. J. Vasatka, secretary, 3340 Chicago avenue, Minneapolis.

Philadelphia, Pa., May 4, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street, above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., May 4, 8 p. m.—Pittsburgh Florists' and Gardeners' Club, Fort Pitt Hotel, 10th street and Penn avenue. H. P. Joslin, secretary, 7202 Perrysville avenue, Ben Avon, Pa.

Washington, D. C., May 4, 8 p. m.—The Florists' Club of Washington, D. C., 1214 F street, N. W. C. L. Linz, secretary, 635 Tenth street, N. E., Washington.

Louisville, Ky., May 5, 8 p. m.—The Kentucky Society of Florists, Masonic Temple. August Baumer, secretary, Masonic Temple, P. O. Box 295, Louisville.

Albany, N. Y., May 6, 8 p. m.—Albany Florists' Club, 611 Broadway. Robert Davidson, secretary, 139 Second street, Albany.

Chicago, May 6, 8 p. m.—Chicago Florists' Club, Hotel Bismarck, 175 W. Randolph street. Guy W. French, secretary, Morton Grove, Ill.

Lake Forest, Ill., May 7, 8 p. m.—The North Shore Horticultural Society, City hall. E. Bollinger, secretary, Lake Forest.

Indianapolis, Ind., May 4, 8 p. m.—State Florists' Association of Indiana. Oliver Steinkamp, secretary, Rockwood avenue and Thirty-eighth street, Indianapolis.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—By all-round gardener and florist, propagator and landscape. Address C. F. DUMKE, Marseilles, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address Key 502, care American Florist.

Situation Wanted—By experienced capable American of irreproachable character, as head gardener or manager of ranch. Best references. Key 511, care American Florist.

Situation Wanted—German, 28 years of age, with 15 years' experience, wants private or commercial place, single, good references. Address K. 10616 Indiana Ave., Chicago, Ill.

Situation Wanted—Head gardener wishes position in private place or institution; married, age 40, one child. German; best references. Address M. STADLER, 1119 Sherman Ave., Madison, Wis.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter. Key 504, care American Florist.

Situation Wanted—As foreman; perfectly good grower of American Beauties, tea roses and carnations. 32 years of age, single and sober. State wages in first letter. Address B. P., 2014 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener on private estate; age 32, single; 16 years first-class experience on private establishments, under glass and outdoor. Address T. F. H., 2103 Blue Island Ave., Chicago, Ill.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials. FLORIST, 59 W. Ontario st., Chicago, Ill.

Situation Wanted—Gardener or assistant on private place; single, 24 years of age, Austrian. Graduated from horticultural college in Europe. Eight years experience in old country and two years in U. S. Address F. TORDY, N. W. Harris Est., Lake Geneva, Wis.

Situation Wanted—By an experienced gardener on private place. Fruit, flowers and vegetables, hot and cold graperies, hot house fruit, lawns, shrubs and all work required on private place. Best of reference. Address Key 497, care American Florist.

Situation Wanted—By a good first-class designer and decorator, salesman and capable of managing a first-class store. Married and 32 years of age. Have 16 years experience with nothing but good stores. Open for position at once. First-class references. Address, Key 505, care American Florist.

Situation Wanted—By married man, 35 years of age, English. A position in an up-to-date seed house. Have had a life long experience in all branches of the business, both in Europe and the States have taken entire charge, can furnish best of references. Address Key 475, care American Florist.

Help Wanted—A good rose grower. Wages $15.00 per week. WM. DITTMAN, New Castle, Ind.

Help Wanted—A good rose and carnation grower to work under foreman, with good salary and a chance of advancement. State wages expected in first letter. EDWARD TATRO, 407 E. Iron Ave., Salina, Kansas.

Help Wanted—Leading Chicago greenhouse manufacturing concern wants bright young man with a high school education and good at figures to learn the business. Splendid opportunity for deserving party. Good salary to start. State full particulars in first letter and address in own handwriting. Key 507, care American Florist.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92, Glen Burnie, Md.

For Sale—Greenhouses, 8000 feet under glass, ten-room house, barn and other out-buildings. H. W. STEWART, Rhinebeck, Dutchess Co., N. Y.

For Sale—Good as new panel top Overland delivery car, $500.00 cash. Big bargain. Write quick. Guaranteed. Key 512, care American Florist.

For Sale—Complete delivery outfit, including a dandy horse, wagon, harness, etc., for $175. For further particulars address Key 501, care American Florist.

For Sale—At once, on account of ill health, an indoor greenhouse stock lately left me by a will. Communicate with LAURA MORGAN, 1009 W. Kimber St., Danville, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address Key 513, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address B. HINRICHS, Racine, Wis.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms. A. J. WOODCOCK, Wilmette, Ill.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober. Key 510, care American Florist.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address Key 496, care American Florist.

Wanted Seedsman.

Competent Seedsman wanted. Must be man with wide experience to take charge of buying for large seed concern. Address

J. Walter Thompson Co.,
14 E. Jackson Blvd., CHICAGO, ILL.

CIVIL SERVICE BOARD.

West Chicago Park Commissioners.

Examination (No. 156) **For Gardener**

Will be held at 9 a. m., April 30, 1915, at the Garfield park pavilion. Open only to men between the ages of 21 and 50 years. Pay $.28½ to $.37½ per hour.

Subjects: special subject, to include a written and oral test on identification and general care and characteristics of trees, shrubs, lawns and perennials; weight of 5. Experience, weight of 3; physical, weight of 2.

Applications must be filed in the office of the board in Union park, before 5 p. m., of April 29, 1915. Application blanks may be obtained at the office of the board in Union park or at West Park playgrounds.

Fred G Heuchling,
Supt. of Employment.

Boston.

NOVELTIES ONLY IN DEMAND.

Contrary to expectations, the market during the past week was exceptionally dull. Nearly every line of stock, with the exception of a few novelties, sold slowly at low prices. Roses picked up a trifle from the previous week, but prices remained about the same. Carnations move very slowly at from $1 to $2.50 per 100, the latter price only on fancy varieties. Good Spencer peas have been in fairly good demand. Not much difficulty is experienced in disposing of them at from 75 cents to $1.50 per 100. Bulbous stock continues to be abundant, and prices are far from satisfactory. Callas move very slowly at from 50 cents to $1 per dozen. English primroses and yellow marguerites are in ample supply and the prices are dropping. Mignonette is scarce, and those who have it sell it readily at from 25 cents to 75 cents per dozen. Gypsophilla elegance is being cut by a few growers and the demand is good for it, as it is rather a novelty. Pansies sell poorly. A limited amount sell for 25 cents per 100, and the rest are sold for almost any kind of an offer. The plant trade continues dull, hydrangeas and Dorothy Perkins rambler roses being about all that is now being sold for flowering plants.

NOTES.

Stephen Solari, brother of Fred Solari, of Solari and Archi, on Hanover street, died Thursday, April 22, from a combination of pleurisy and pneumonia. Mr. Solari was very popular among the tradesmen at the markets, and as a token of their sympathy a large standing wreath of Easter lilies, red roses and lily of the valley was sent by them.

John Barr, of South Natick, Mass., has built a concrete wall with a cement storeroom at the end, in order to make a grade for future construction. He is as yet undecided as to whether he shall widen the house that now stands upon the location or build two houses, each 25 feet in width.

Julius Snyder will leave the employ of Henry M. Robinson & Co. and enter as a partner with his brother, B. A. Snyder, at the wholesale florist establishment of B. A. Snyder & Co. in Devonshire street.

Saturday, April 24, was flower day at Hyde Park for the benefit of the local hospital. J. M. Cohen, salesman at the Boston Co-operative Market, supplied 25,000 carnations for the occasion.

The recent forest fire in Burlington, Mass., burned 25 cords of wood owned by Norris Comley of that town, and seriously threatened his large establishment.

Perry Green, of Quincy, Mass., is cutting very fine ixia and ranunculus, as well as a very fine strain of pansies. F. L. W.

New Wholesale House in Boston.

Patrick Welch, of Boston, Mass., will open a new commission house at 262 Devonshire street, Winthrop Square, May 3, 1915. This store is favorably located, next door to the Co-Operative market and across the street from the Exchange.

Mr. Welch has been requested by certain growers to handle their product, which he has consented to do. He will at the same time retain his interest in the Welch Bros. Co. at 226 Devonshire street, of which he is president. The business under his personal management will be conducted absolutely as wholesale. No goods sold at retail. He will be assisted by experienced salesmen whose knowledge of the wholesale cut flower business is well established. Special attention will be given to the shipment of orders on the early morning trains out of Boston, and the supply at all times of the novelties in cut flowers for which this market is famous. Store will open at 6 a. m. Telephone Main 2698.

Mr. Welch will be treasurer of the new concern and Paul Regan manager.

Patrick Welch

WHOLESALE FLORIST

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties,
Orchids,
Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

Columbus, O.

RETAIL CUT FLOWER MARKET DULL.

Early and profuse development of pot plants in the home, under highly favorable weather conditions, is having its effect upon florists' trade. The retail market is dull in the matter of cut flowers. Carnations are still a drag, owing to over-supply. They are being sold at 40 cents per dozen ordinarily, the choicest commanding only 65 cents. Easter lilies are said to have never been so plentiful, prices ranging from $1.50 to $2 per dozen. Sweet peas are abundant, a handsome bunch costing from 25 cents to 35 cents at the leading florists. Roses and practically all other flowers are in excess of demand and prices are low. Growers in the wholesale trade report a good business, stimulated by bedding requirements both in and out of the city. Stock for Mothers' day is coming along well, and it is believed that there will be no lack of supply. It is estimated that last year between 25,000 and 30,000 carnations were sold in Columbus for this event, about half of which were grown locally. A larger business is anticipated for this year. The funeral demand remains good.

NOTES.

The Livingston Seed Company has a novel and attractive window showing a miniature house in duplicate, with rear yard exposure. One house and yard gives an object lesson in ugliness of premises that receive no care in a horticultural way. The other illustrates how the same can be made beautiful and profitable with flowers and gardening. The display as a whole is ingenious and life-like.

Plans for a seven-story office building by L. E. Stanhope, of Chicago, to be erected here for the Peters Realty Company, call for flowers boxes at the window ledges, in which flowers and vines will be grown as ornaments to the building. The improvement is estimated at $400,000, and will be the first in central Ohio to have this feature.

Ohio State University is advertising for bids on three new greenhouses to be located on the university farm, Columbus. The dimensions of the houses are: 35x76, 20x103 and 20x76. The estimated cost, after plans prepared by J. N. Bradford, the university architect, is $15,000. Bids will close May 18.

Frank S. Miller, manager and one of the owners of the Columbus Floral Company, is at a health resort in Pennsylvania, taking treatment for stomach trouble. C. C. J.

St. Louis.

STOCK AFFECTED BY WARM WEATHER.

Very warm weather has set in and the effect on stock shows itself this early. Sweet peas are shortening up and stiffening in price. Carnations have been plentiful all week, especially the light colors. Trade among the retailers is quiet. The next event on the programme will be Mothers' day, and white carnations, it is expected, will be sold at five cents. American Beauty roses are selling at fair prices. The flowers in medium and short grades are poor in most cases. Lilacs have made their appearance but will be of short duration. Asparagus plumosus and A. Sprengeri are selling well. Snow balls and peonies will be next.

NOTES.

Vice-President Wells of the florists' club is busy at the grounds of the Washington university. He has full charge there. Landscaping and specialties in planting out keep him very busy.

Scruggs, Vandervoort & Barney had the decorations at the opening of the Lindell department store. Several thousands of carnations were given away all day to the visitors.

The parks are looming up in great shape. Planting out and everything connected therewith seems to be early this season.

It is expected that the publicity committee will see that the papers and other channels advertise Mothers' day.

The Moss Floral Co. is painting and fixing up things in general at its store and hopes to build up a good trade.

Foster, the Florist, continues his special $1 boxes and Saturday sales. He has a very attractive window display.

August and George Hartman, of Kirkwood, are still cutting some fairly good sweet peas and carnations.

Alexander Generus has given up the store known as the Metropolitan Floral Co., on Grand avenue near Olive.

Geo. H. Angermueller is selling a large quantity of his hanging baskets.

Some very good Minnetonka roses were seen at H. G. Berning's.

W. F.

Minneapolis, Minn.

OUTDOOR PLANTING ON IN EARNEST.

The weather for the past week has been regular summer weather with the thermometer up in the "eighties" all the time. Bulbous stock of all kinds has been forced in and prices dropped accordingly. Roses of all kinds are in oversupply with prices ranging from one cent to six cents and very little demand. Carnations are in bad with other stock and range from 75 cents to $2 per hundred. Sweet peas bring 35 cents to 75 cents, lilies 6 cents to 10 cents and snapdragons $1 per dozen. Lily of the valley is quoted at four and five cents and in fair demand. Very few American Beauty roses are to be had at present. Outside tulips and daffodils will make their appearance this week. Arbutus is plentiful and sells at 25 cents to $2 per basket of 25 bunches. Green goods are in good supply and fine quality. Boston ferns are very scarce and in big demand at good prices. Funeral work has been very good and fairly divided with most of the florists with a few large weddings for variety. Several of the large department stores are planting their window boxes and the landscape men are all busy and using many extra men both in town and at the lakes.

T. C. R.

Cincinnati.

HEAVY CUTS OVERCROWD MARKET.

The market is still glutted with all kinds of stock. The heavy cuts of roses, carnations and lilies continue to come in strong. The hot weather, however, is beginning to tell on the flowers. Sweet peas, too, are plentiful, but have been greatly affected by the hot weather. Bulbous stock is about out of the market for the present, but out-door lily of the valley and out-door lilacs have come in to take its place. Other offerings include callas, lily of the valley and orchids, marguerites and a few gladioli. Snapdragons have a very poor market.

NOTES.

C. E. Critchell has been getting in some excellent out-door lily of the valley and lilacs.

Visitors: J. L. White and wife, Homeland, Ga.; Emil and Chas. Uhl, Greenfield, Ohio; Miss Emma Constable, Blanchester, Ohio; W. W. Stableton & Son, Manchester, Ohio; Frank Famy of M. Rice & Co., Philadelphia, Pa., and O. Bramman, representing the Johnston Tin & Foil Co., St. Louis, Mo.

H.

Buffalo.

BULBOUS STOCK DRUG ON THE MARKET.

The weather the past week has been as favorable as could be wished for, consequently, all stock has been plentiful. The bulbous supply has been a drug in the stores, and sold at all prices and in every conceivable arrangement to make them attractive and fascinating to the buyer with only fair results. Roses, carnations, sweet peas of all qualities, and in fact any kind of flowers were obtainable at almost any price. Society of all kinds is rather quiet now and everyone is thinking of moving, spring cleaning, or garden work, not giving any thought to festivities, and only funeral work, which has been rather active, has helped the store men to get rid of a portion of their stock and assist the greenhouse in clearing out all Easter surplus, enabling them to do necessary work in getting things in shape for spring trade and get the geraniums and other bedding stock ready for the call that will come about May 1 and keep them busy until July 1.

BOWLING.

The florists of Buffalo arranged among themselves to spare a few of their men to journey to Batavia, N. Y., April 21, with the bowling team and roll the final games with the Rochester florists, to see who should have the Lord & Burnham Co.'s trophy as a permanent prize. About 25 "rooters" marshaled by S. A. Anderson, made the trip and met a like number from Rochester, marshalled by George Hait, to try and keep the prize in Rochester. It was as finely a contested series as has been played on any alleys in many a day. The first game was easy for Buffalo. The second was won by Rochester by a small margin, and then the third game which was won by Buffalo by one pin, showing beyond any doubt that the two cities have very evenly matched teams and the trophy was well earned. The teams were as follows:

Rochester—W. Glenn, H. Glenn, Boland, Wyman, Allie Salter.

Buffalo—Sanford, Streit, A. Vick, R. Scott, Stuntz, Wallace.

Scorers—L. H. Neubeck and J. Thoman.

The bowling of Allie Salter for Rochester was marvelous, and his ending with 200 in the third game was what almost cost Buffalo the prize. For Buffalo Joe Streit covered himself with glory. The teams and their followers arrived in Batavia at nearly the same time, and after a dinner at the Hotel Richmond, proceeded to the alleys for the game. Rochester was cheered on by "Megaphone" Kramer and a good lot of husky followers, while Buffalo had S. A. Anderson to lead them, he having two positions, manager of the team and master of ceremonies. Charlie Vick and George Hait were the Rochester stand-bys, the absence of the "only Mike Keller" —had he been there with that cheer of his, the result might have been different. Some of the Buffalo delegation left Buffalo at noon, going to Corfu and visiting the greenhouses of David Scott, Wm. Ehman and the other growers, and going by auto from Corfu to Batavia, calling on L. H. Stroh & Sons at Batavia, who have a fine up-to-date range of glass and a fine stock of marketable flowers, well grown, and just what is wanted in a hustling little city. At Corfu they had a chance to see Scott's mammoth snapdragons and Ehman's wonderful sweet peas, which are having ready sale in Buffalo and Rochester, both growing for the trade and doing no retail business.

Visitors: Arthur Zerkman and Chas. S. Ford, both of Philadelphia, Pa.

BISON.

DETROIT, MICH.—The Norwood Rosery, 1509 Woodward avenue, will be open for business by Chas. Maynard on or about May 1.

FREEPORT, ILL.—Damage estimated at $2,000 was caused April 14, by a fire of unknown origin which destroyed several buildings on the property of John Bauscher, in the Arcade addition, in proximity to the costly greenhouses, which fortunately were saved from the flames. The greatest damage was to the stock of supplies that had been stored, consisting of floral designs, pots and seeds. The damage is fully covered by insurance.

Memorial Day Number

TO BE ISSUED

May 15

JUST RIGHT FOR THE

Decoration Day Business

—The Best Paid—

Circulation

To the Trade in the Trade

That means profit to you. No bogus inquiries that cost time and actual cash.

Offer Them Now

ALL SPECIALTIES
For Cemetery Use
Window Box Stock
All Bedding Plants
Plants for Vases

While Demand is Strong

American Florist Co.

440 S. Dearborn St.
CHICAGO

The Early Advertisement Gets There.

POEHLMAN

72-74 E. Randolph St.,

FOR MOTHERS' DAY

White Carnations, - - per 100, $5.00; per 1000, $50.0
Colored " per 100, $4.00-$5.00; per 1000, $40.00-$50.0

Roses will run in prices about as the quotations below excepting Short Roses which will be $3.00 to $4.00 per 100

MRS. CHAS. RUSSELL ROSES--SUNBURST--WARD--RED ROSES--All the KILLARNEY HADLEY--CARNATIONS--CATTLEYAS--SWEET PEAS--VALLEY--BEAUTIES

CURRENT PRICE LIST.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$4.00
36 inches long	3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

	Per 100		
OPHELIA	$4.00 to	$6.00 to	$10.00
HADLEY	4.00 to	6.00 to	10.00
SHAWYER	4.00 to	6.00 to	10.00

RICHMOND MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100	
Extra long		$10.00
Long	$6.00 to	8.00
Medium	4.00 to	5.00
Short	2.00 to	3.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long		$8.00
Long		6.00
Medium		4.00
Short	2.00 to	3.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 2.50
30 inches long	2 00
24 inches long	1.50
18 to 20 inches long	1.00
Short ....per 100,	$4.00, $6.00

CECILE BRUNNER or SWEETHEART ROSE.

Per 100.....$2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

Cattleyas.....per dozen, $6.00 to $7.50

MISCELLANEOUS CUT FLOWERS.

	Per 100	
Sweet peas (common)	$0.50 to	$ 0.75
Sweet peas (Spencer)		1.00
Lilies		10.00

LILY OF THE VALLEY.

	P
Extra fancy	
First quality	
Second quality	

MISCELLANEOUS GREEN GOOD

Mexican Ivy	$
Smilax,.....doz. $2.50	
Sprengeri and Asparagus Sprays	$3.00 to
Asparagus Plumosus, per string, 60c	
Leucothoe	
Adiantum	1 00 to
Galax (bronze)	.....per 1,000
" (green)	per 1000,
Eastern flat ferns	.....per 1,000
Boxwood, per lb , $0.25	.....per case,

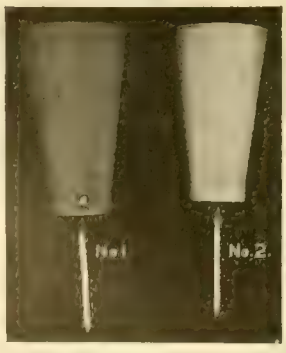
Hughes' Mothers' Day Box.

Constructed on original lines and designed especially for Mothers' Day. 24 inches long, 5 inches wide, 3¾ inches deep. Can be used for $1.00, $2.00, $3.00 or $5.00 orders. Suitable for any day in the year when sending flowers to Mother on her Wedding Anniversary, Birthday, etc.

Inside cover: Appropriate Poem to the White Carnation.

Outside cover: An illustration by the famous artist, Gabriel Max, done in exquisite four-color work, and a redolent quotation in decorative printing, combined in unsurpassed artistic effect.

Price, $5 per package of 10; $50 per 200.
Don't Wait—Order Now.
2 Boxes by Parcel Post, $1.00.



Glass Cemetery Vases

10-inch, per dozen..... $1.50; per bbl., 5 dozen.....$7.00
12-inch, per dozen..... 2.00; per bbl., 5 dozen..... 9.00
16-inch, per dozen..... 3.50; per bbl., 2 dozen..... 7.00

White and Green Enamel Vases

No. 1—Height, 6¾, diam., 4¼; each.....20c; dozen.....$2.00
No. 2—Height, 6¼; diam., 3½; each.....15c; dozen..... 1.60

Sheet Moss, fine fresh material, per bag, $2.00

N BROS. CO.

ıg Distance Phone, Randolph 35.

CHICAGO, ILL.

BEDDING PLANTS

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
nantheras, red and yellow, and rilliantissima	$ 2.50	$23.00
sum, Sweet, 2¼ in.	2.50	20.00
atum, Blue Dwarf, 2¼ in.	2.50	
" " " 3 in.	5.00	
" " " 4 in.	8.00	
nias, Luminosa and Vernon for edding, 2¼ in.	2.50	
in.	5.00	
in.	8.00	
nia, Chatelaine, 2¼ in.	3.50	
in.	8.00	
in.	15.00	
ea Scandens, 4 in.. 1.50 per doz.		
ıs, in variety, 2¼ in.	2.50	
in.	5.00	
liums, Fancy Leaved (Summer elivery) 5 and 6 in. pots, 50c to 1.50 each.		
y Miller, for border, 2⅛ in.	2.50	23.00
aena Indivisa, strong, 3 in.	7.00	
in.	12.00	
in.	20.00	
niums, the best and most popular edding varieties, 4 in., in bloom..	8.00	80.00
Geraniums, strong, 3 in.	5.00	
in.	8 00	
y Geraniums, in bloom, 3 in.	5.00	
in.	8 00	
y Geraniums, in bloom, larger lants prices on application.		
. Salleroi Geraniums, 2¼ in.	3.00	
in.	5 00	
otropes, 2¼ in.	2.50	
in	5.00	
in.	10 00	
ish Ivy, 2½ in.	3.00	
in.	15.00	
ish Ivy, strong 5 in......$20.00 to	35.00	
ıan or Parlor Ivy, 2½ in.	2.50	
in.	5.00	

	100	1000
Lobelias, for Bedding & Hang. Baskets.		
Lobelias, Speciosa, Crystal Palace and Bedding Queen 2¼ in.	$ 2.50	$22.00
Lobelia, Cathleen Mallard (double)....	3.00	
Marguerites, Yellow and Mrs. F. Sanders, 2¼ in.	3.00	
3 in.	5.00	
4 in.	10.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom If wanted in baskets an additional price will be charged to cover cost of same.	2.50	25.00
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼	3.00	
3 in.	5 00	
Phlox Drummondi, all colors, 2¼ in...	2.50	23 00
3 in.	5.00	45 00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Ricinus (Castor Oil Beans) red foliage, strong, 4 in.	12.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Smilax, strong new stock, 2¼ in.	2.50	23.00
3 in	6.00	50.00
Torenia Fourneri, Blue, 2½ in.	2.50	
3 in	5.00	
Vinca Rosea and **Alba,** 2¼ in.	2.50	
Vinca Minor (Hardy Grave Myrtle) 3 in.	6.00	
Vinca, variegated and green for boxes and vases, 2¼ in.	2.50	23.00
4 in. ......$12.00 to	15 00	
Verbenas, all colors, 2¼ in.	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in.	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**
Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 50c each. 5 n. at 50c to 75c each.

Pandanus Veitchi, highly colored, 4 in., 50c each. 5 in., 75c each. 6 in., $1.25 to $1.50 each. 7 in., $2.00 to $2.50 each.

Boston, Whitmani and Roosevelt Ferns, 7 in. pots. 75c each. 8 in. pots, $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.

Dracaena Terminalis, highly colored, extra fine, 4 in., $3.00 doz. 5 in., $5 00 doz. 6 in., $7.50 doz.

Araucarias, Excelsa, fine stock. Robusta Compacta, large plants, $1.50 to $2.00 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.

Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

Hydrangea Otaksa and French varieties, 50c to $1.50 each.

	per 100	per 1000
Asparagus Plumosus, 2¼ in.	$ 3.50	$30.00
3 in.	7.00	65.00
4 in.	12.00	115.00
Asparagus prengeri, 2¼ in.	2.50	22.00
3 in	5.00	48.00
4 in.	10.00	88.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

estern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

afted, 2½-in.	Per 1000	Per 5000
ley	$120 00	$550 00
mond	110 00	$500 00
le Brunner	100 00	......

Own Root, 2½-in.	Per 1000	Per 5000
Milady	$60 00	$275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
s **Marvella French,** late white	$8 00	$70 00
s **Pauline Anderson,** late yellow	8 00	70 00

oth these varieties scored 94 points by judges the Chrysanthemum Society of America, at ago, and both scored 95 points by the judges he Minnesota State Florists' Association, at neapolis.

WHITE—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
October Frost	$2 50	$22 00	$3 00	$27 00
Virginia Poehlmann	2 50	22 00	3 00	27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00

YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Big Reduction in Prices
OF FLOWERS

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

ROSES

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Rhea** and **Richmonds.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

Beauties.

A choice cut in all lengths of stems. Our grade of extra long seconds make a fine showing for either funeral sprays or large decorative work and the price is very low. $8.00 per 100.

Carnations.

A fine supply of very fine quality pink, white and our extra fancy red **Belle Washburn.**

Sweet Peas.

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. 50c to 75c per 100.

Sweet Peas, Valley and **Greens**—large supply constantly on hand.

PRICE LIST

BEAUTIES.

	Per doz.
Extra long specials	$3.00 to $4.00
Extra long seconds in lots of 50 or more	1.00
30 to 36 in. stems	2.00 to 2.50
20 to 24 in. stems	1.50
15 in. stems	1.00
Shorter lengths	.25 to .75

Killarney Brilliant, Sunburst, Rhea Reid.

	Per 100
Extra long stems	$8.00
Medium length stems	$5.00 to 6.00
Short length stems	3.00

Richmond, Pink Killarney, White Killarney.

Long stems	$6.00 to 8.00
Medium stems	5.00
Short stems	3.00

Roses, our selection of 300 or more at the rate of $20 per 1000
Cecile Brunner, in bunches of 25 rose buds, only 25c per bunch

CARNATIONS FOR MOTHERS' DAY.

All colors, $5.00 per 100. In effect May 6th.

Carnations.

	Per 100
Red, extra fancy **Belle Washburn**	$2.50 to $3.00
White, fancy	2.50 to 3.00
Pink, fancy	2.50 to 3.00
Our fancy grade of Carnations in lots of 300 or more, our selection, at rate of $20.00 per 1000.	
Sweet Peas, according to quality	.50 to .75
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 3.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

APRIL SETS RECORD FOR HEAT.

The month of April, according to U. S. Weather Forecaster Henry J. Cox, has broken many records and upset all precedents. First, it is the hottest April recorded here, second, it is the dryest April we have had in many years and then again it is one of the rare Aprils which have seven days of temperature over 80 degrees. The warm weather has brought in the crops and stock in nearly all cases has shown the effects, especially roses. Stock, the opening of the week, was more plentiful than ever, and there was practically no business whatever to speak of. American Beauty roses are in good supply, but the better grades are in good demand at fair prices. The supply of Mrs. Chas. Russell roses is very large, and magnificent stock is now to be had at very reasonable figures. Hadley, Mrs. Geo. Shawyer, Milady, Richmond, Sunburst, Prince de Bulgaria, Double White Killarney Brilliant, Killarney Queen, Rhea Reid, Prince de Arenberg, White Killarney, Ophelia, Mrs. Aaron Ward and My Maryland are among the offerings and no scarcity is noted in any of the varieties. Cecile Brunner or Sweetheart rose, as it is sometimes called, is more plentiful and in good demand. Carnations are arriving in large quantities and are still being sold in large lots at bargain prices, although red and dark pink at times during the week have brought fairly good prices. Lily of the valley is plentiful, but orchids are still scarce. Lilac is arriving in good supply but finds a ready market. Snapdragons of fine quality are reaching the market in large quantities and the same holds good for Spanish iris. Tulips, jonquils and Narcissus poeticus are to be had in large lots at reasonable prices but the supply does not appear to be quite as heavy. Sweet peas are seen in tremendous supply but are selling fairly well when the present market conditions are taken into consideration. Gladioli are more plentiful and some especially fine Mrs. Francis King and America are being offered. Baby gladioli made their appearance this week and are quite plentiful. Gardenias are in good supply but fresh home grown stock is none too plentiful. Lupines, daisies, candytufts, stocks, amaryllis, swainsona, pansies, trailing arbutus, calendulas, mignonette and other miscellaneous stock is seen in good supply at nearly all the stores and there is a large variety of stock to select from at very reasonable prices. Green goods from the south, especially from Florida, have suffered considerably during transit and consequently had to be sold in some instances at reduced prices. Business during the month of April will be far behind that of the same

SNAPDRAGONS

Pink-Yellow, 50c to $1.50 per doz.

Sweet Peas - Iris - Roses - Carnations - Lilies Tulips - Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

USE Budlong's Blue Ribbon Valley.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

LARGE CUTS

ROSES AND CARNATIONS

FOR MOTHERS' DAY

You Can Get What You Need From Us So Order Here.

Mothers' Day Price List.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**
Carnations, select white	5 00
Good pink and red	4 00
Harrisii	$12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00
	35

2,000,000 Feet of Modern Glass

BIG CROP OF ROSES

For Mothers' Day, May 9

White Killarney, Pink Killarney, Killarney Brilliant, Richmond and Sunburst.

CARNATIONS--SWEET PEAS

Large supply of both, and everything else in seasonable Cut Flowers and Greens, so place your order here. Remember when ordering that White Flowers are for Mothers' Memory and that Bright Flowers are for Mothers living.

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

month last year but some of the dealers are inclined to think that the sales during May will be considerably better. There is a big demand for stock already for Mothers' day, especially carnations, which will be scarce, and the buyers should remember that roses and other stock will sell just as well and should order accordingly. The wise florist will place his order for stock for Mothers' day well in advance, for there promises to be a big demand and it is a question whether there will be enough stock to go around or not. Many of the dealers are refusing orders for carnations already, where roses are not included, so protect your supply by placing your orders as early as possible.

NOTES.

John Zech, senior member of the firm of Zech & Mann, was operated upon for appendicitis at the Columbus hospital, Saturday, April 24, and the last reports are that he is not out of danger but is doing as well as can be expected, which his many friends are pleased to learn. Mr. Zech was feeling none too good all last week, but was on duty at the store up to Friday morning, when he finally consented to go home and consult the family doctor, who found that an immediate operation was necessary. Allie Zech is in charge of the store during his father's illness and business is going along uninterruptedly.

Adolph Nielson, superintendent of Gullett & Sons' greenhouses at Lincoln, was a visitor at Poehlmann Bros. Co.'s greenhouses at Morton Grove on Saturday, April 24.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

FOR MOTHERS' DAY

Big Supply of Roses and Carnations.

Buy from us and get the best stock in the market at the most reasonable prices.

MOTHERS' DAY PRICE LIST:

American Beauties	Per Doz.
36 in. stems	$4.00
30-in. stems	3.00
24-in. stems	2 50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney	Per 100
Extra special	$8 00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Sunburst	Per 100
Extra Special	$8.00
Selects	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Carnations	Per 100
Fancy White	$5.00
Fancy Pink and Red	4.00

Lilies, Fancy—Per 100, $12.50 to $15.00

	Per 1000
FERNS	$3.00
SMILAX	doz., $2.50
ADIANTUM	1.00

SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c

Philip C. Schupp, the able manager at J. A. Budlong's store, got a tip from someone that he would very likely find some Indian relics if he searched for them in a certain place in Indiana, so he made a special trip down there last Sunday, April 25, and came back with three copper axes, three copper spears, and a flint 16 inches long. Mr. Schupp was pretty well pleased with his afternoon's work for the find was a valuable addition to his already large collection of relics. The writer had the pleasure of inspecting his collection and one would be surprised to find how large and varied it really is.

Percy Jones is handling large quantities of cut lilac this week in addition to his regular line of seasonable cut flowers. This hustling house is receiving a large supply of carnations and filled an order this week that called for 57 large shipping boxes of stock. This firm will have a large quantity of carnations to offer for Mothers' day, but H. Van Gelder is not worrying about how he is going to sell them then, but he and his storeman Fritz Simons are busy locating customers for the stock that is arriving now.

Eric Johnson, manager of the A. L. Randall Co.'s cut flower department, expects to experience a shortage of carnations for Mothers' day, May 9, as in former years, and goes so far as to say that if all the growers in this vicinity were in full crop, there still would not be enough flowers to supply the demand on this occasion.

The bowling team, which has been representing the trade in the North Chicago league, consisting of Allie Zech, John Huebner, Fred Price, Wm. Lorman and Peter Olsem, are scheduled to roll in the state tournament now being held at Bensinger's West Randolph street alleys, Thursday evening, April 29.

D. Andrew Papatony, proprietor of the Briggs Floral Co., 228 West Madison street, is enjoying a good transient trade, according to Steve Notes, the able manager. Mr. Papatony is still conducting the store in the Briggs House, which he recently acquired and which was formerly owned by Trefon Argeson.

President Peter Reinberg, of the county board, removed the last shovelful of dirt covering with a silver shovel when the new road at Niles, six miles of concrete construction, was christened by Miss Virginia Poehlmann with a bottle of champagne, Thursday, April 22.

George Reinberg has replaced all the old benches in 26 of his greenhouses with new ones, using concrete posts and pecky cypress in the construction. Otto Benthey and his men are busy planting the roses and are already pretty well along with the work.

Chas. Grabig, 1043 Irving Park boulevard, says that business last week was very good, and that the week's business was the best that he has experienced since Easter.

Supt. Kanst, of Lincoln park, says that with continued warm weather and some rain the spring bulb display should be in good condition for inspection this week.

Hoerber Bros. report a brisk demand for Mrs. Francis King and America gladioli. The stock they are cutting is extra fine and deserving of immediate sale.

Wm. Graff, of Graff & Dressel, was discharged from the Columbus hospital this week, where he recently underwent a successful operation for appendicitis.

W. N. Rudd is at Urbana this week delivering a series of lectures to the students in horticulture at the state university, his subject being cemetery work.

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Tremendous Supply

CARNATIONS

—FOR—

MOTHERS' DAY

Sunday, May 9.

Carnations have always been our leader, but this year our supply exceeds that of any previous year. You can get what you want here in White, Pink and Red.

Erne & Klingel were the first to offer baby gladioli this season. Cut lilac is now seen in large supply at this house, but cleans up nicely each day.

Carl Cropp, of Vaughan's Nurseries, reports peonies about 18 days earlier than last year.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

FOR MOTHERS' DAY, MAY 9

Large Supply ROSES AND CARNATIONS

Carnations are in good supply with us but we are strongly urging our customers to carry all flowers for there are never enough Carnations to go around for the occasion. Roses and Sweet Peas are splendid substitutes and you will find it profitable to have a good stock on hand. We are booking orders for Carnations for Mothers' Day at the following prices: White, $5.00 per 100; Fancy Pink and Red, $4.00 to $5.00 per 100. Prices on Roses, Beauties and miscellaneous stock will be the same as quoted in our Current Price List below. Place your order for Mothers' Day as early as possible.

CURRENT PRICE LIST

Subject to Change Without Notice.

BEAUTIES.	Per doz.
30 to 36-inch stems	$3.00 to $4.00
20 to 24-inch stems	2.00 to 2.50
15 to 18-inch stems	1.50 to 2.00
12-inch stems	.75 to 1.00

ROSES.	Per 100
Killarney, fancy	$8 00
" good	$5 00 to 6 00
" short	3 00 to 4 00
White Killarney, fancy	8 00
" " good	5 00 to 6 00
" " short	3 00 to 4 00
Richmond, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00
Ward, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00

ROSES.	Per 100
Sunburst, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00
Killarney Brilliant, fancy	8 00
" " good	5 00 to 6 00
" " short	3 00 to 4 00
Roses, our selection	3 00
ORCHIDS.	
Cattleyas, per doz.,	6 00
CARNATIONS.	
Carnations	3 00
" special fancy	2 00 to 2 50
" splits	1 50
CARNATIONS FOR MOTHERS' DAY	
Fancy White, per 100	$5 00
Fancy Pink and Red, " "	$4 00 to 5 00

MISCELLANEOUS.	Per 100
Lilies	$10 00 to 12 50
Callas	12 50 to 15 00
Valley	3 00 to 4 00
Sweet Peas	50 to 1 25
Tulips	3 00 to 4 00
Daffodils	3 00 to 4 00
Jonquils	2 00 to 3 00
Violets, single and double	50 to 1 00
GREENS.	
Asp. Plumosus, per string,	$0 50
Asp. Plumosus Sprays, per bunch,	$0 35 to 50
Sprengeri, per bunch,	35 to 50
Adiantum, per 100,	1 00
Smilax, choice, per doz.,	1 50 to 2 00
Fancy Ferns, per 1000,	3 00
Galax Leaves, per 1000,	1 00
Boxwood, per lb. 25c; 50-lb. case,	7 50
Pussy Willow, per bunch,	35 to 50

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

FOR MOTHERS' DAY

ROSES--CARNATIONS

Big supply of all the best new and standard varieties in both Roses and Carnations for Mothers' Day, so send your orders to us. If you want the best that there is to be had for the same money that you pay for inferior stock elsewhere, be sure that your order goes to us.

We also have a large supply of magnificent Sweet Peas, Lilies, Violets, Valley, Beauties, Snapdragons, Stocks, Tulips, Daffodils, Mignonette, etc. Always remember that our line is so complete that if any particular item is desired and is to be had, it is usually at our establishment, where Quantity and Quality reign supreme.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284, 3283 **Chicago**

A. T. Pyfer & Co. will soon be in nice crop with roses, especially White Killarney and Killarney Brilliant. In speaking of White Killarney, Peter Olsem, who grows the roses for A. T. Pyfer & Co. says that Wietor Bros. have an exceptionally fine strain and that the stock Pyfer & Olsem are now growing came from them. Louis Ancaro, formerly with Hoerber Bros., and later with the Bohannon Floral Co. joined the A. T. Pyfer & Co. store force this week.

A. L. Vaughan & Co. are receiving a good supply of American Beauty roses, and their steadily increasing shipments show that their grower is again coming in crop. The demand for stock for Mothers' day promises to be quite large this year for inquiries are numerous and the orders seem to be considerably larger than formerly. This firm has a limited supply of fine display cards for Mothers' day on sale now.

C. W. Johnson, of Mt. Greenwood, has a large supply of bedding stock in the usual fine condition for the May business. Young carnation plants are ready for the field.

A German lady florist visiting friends here last Sunday says one can find out whether it is hot in this city by walking around Lincoln park in the sun.

E. G. Hill, of the E. G. Hill Co., Richmond, Ind., is spending a few days calling on the trade here this week.

Chas. W. McKeller says that the cherry and apple trees on his farm in Niles township are now in full bloom.

Jimmy Anderson has returned from a business trip to Terre Haute, Ind., and Cleveland and Dayton, O.

FOR

MOTHERS' DAY. SPRING WEDDINGS.

Anything and Everything that the market affords in both Cut Flowers and Greens—Particularly Choice.

ROSES--CARNATIONS--VALLEY--SWEET PEAS

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

Large Supply of Fine Stock for

MOTHERS' DAY--MAY 9

White Flowers for Mothers' Memory;
Bright Flowers for Mothers Living.

Roses and Carnations as usual will be our leaders but we are strong on all seasonable stock and will fill your orders to your satisfaction at prices that are reasonable. It is advisable to place your order early for there is always a big demand for stock and by doing so you will avoid disappointment.

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph St., L. D. PHONE, RANDOLPH 6578 **Chicago, Ill.**

Poehlmann Bros. Co. is cutting a fine grade of American Beauty roses and a visit to this establishment at Morton Grove this week, when August Poehlmann and Adolph Poehlmann guided the party through the mammoth establishment found the stock in exceptionally fine condition. The Mrs. Chas. Russell roses are a sight to see and the same holds good for Killarney Queen and Milady. Milady has made good at this establishment and so has Ophelia and will be given more bench space than formerly. Hoosier Beauty is one of the new roses that is being grown this season and the baby rose Cecile Brunner or Sweetheart has been given considerable bench space. In speaking of the demand for young rose stock, August Poehlmann says that it could not have been better and that orders were being refused on some varieties every day and that is impossible for them to fill the demand. This firm has been busy planting their carnations out in the field all week and are now pretty well along with the work.

Sidney Buchbinder, of Buchbinder Bros., has returned from Davenport, Ia., where he sold a complete set of store fixtures including a Buchbinder refrigerator to Forber & Bird of that city.

Fancy home grown Mrs. Francis King and America cut gladioli have been bringing $1.50 to $2.00 per dozen on the market the past week.

I. W. Peterson, with J. A. Peterson & Sons, Westwood, Cincinnati, O., called on the trade here this week.

For MOTHERS' DAY

Roses AND Carnations.

Handling the output of approximately 75 expert growers, we insure our customers a selection and a variety of the finest products only.

PLAY SAFE—ORDER HERE NOW.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. **Chicago**

Your First Order To Us

will add another **satisfied** customer to our list, and will prove the **advantage** of placing your order for cut flowers

Direct With The Grower.

Send us a trial order for **quality** stock in

CARNATIONS-ROSES-ORANGE BLOSSOMS.

You will be pleased with both our **quality** and **service.**

Fairview Greenhouses
Belvidere, Illinois.

A. L. Randall Co.,

LANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. LANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

George Reinberg
Wholesale Florist

Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. **Try us.**

162 N. Wabash Av., CHICAGO

MILLER & MUSSER
Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Joseph Ziska & Sons made up a number of odd wire designs for the prosperity parade held this week and the inaugural ceremonies at the city hall. One piece was a large wire circle fully twelve feet in diameter with a seven-foot horse's head in the center. It was a clever piece of work, considering that it was a rush job, and the piece attracted much attention after it was made up by George Wienhoeber, who delivered it to the office of the new Chief of Police Healey.

Wietor Bros. are planting their carnations out in the field this week, and are also pretty well along with the planting in the houses. They are cutting a nice supply of roses and carnations now, and expect to have a good supply of the latter for Mothers' day. N. J. Wietor says that orders for carnations for the occasion are numerous, but orders that include roses are given the preference.

Miss M. C. Gunterberg and Sinner Bros. have leased the store at 158 North Wabash avenue together and expect to move into their new quarters which is a ground floor location about May 1. Their new store is directly next door south of Kyle & Foerster's new quarters, so they will be in good company.

Miller & Musser have bought a new automatic ticket machine that is a dandy and a big improvement over the old one. N. P. Miller would have no complaint to make if orders came in as fast as tickets could be made out on the new machine, for he just loves to work.

Philip L. McKee, of the John C. Moninger Co., has returned from a business trip to Detroit, Mich., where he secured a nice contract for some new houses.

Elmer Olson is back on the job at A. L. Randall Co.'s store, after being on the sick list for several days.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Wholesale Flower Markets

	Current Price List.	Per doz.
Roses, Beauty, specials		$4 00
" " 36-in.		3 50
" " 30-in.		3 00
" " 24 in.		2 50
" " 20-in.		2 00
" " 15-in.		1 50
" " 12-in.		75@1 00
" Mrs. Chas. Russell		1 00@ 3 00
		Per 100
" Killarney Brilliant		2 00@10 00
" Killarney		2 00@10 00
" White Killarney		2 00@10 00
" Richmond		2 00@10 00
" Prince de Bulgarie		2 00@10 00
" Rhea Reid		2 00@10 00
" My Maryland		2 00@10 00
" Mrs. Geo. Shawyer		2 00@10 00
" Milady		2 00@10 00
" Sunburst		2 00@10 00
" Mrs. Aaron Ward		2 00@10 00
" Hadley		2 00@10 00
" Ophelia		2 00@10 00
" Our selection		3 00
Carnations		1 00@ 3 00
Cattleyas	per doz., 4 00 to 6 00	
Daffodils		3 00@ 4 00
Gardenias	per doz., 3 00@ 4 00	
Gladioli		6 00@ 8 00
Jonquils		3 00@ 4 00
Lilium Harrisii		10 00@12 50
Romans		2 00@ 3 00
Snapdragons	per doz., 50@2 00	
Spanish Iris		6 00@ 8 00
Sweet Peas		75@ 1 50
Tulips		3 00@ 4 00
Valley		3 00@ 4 00
Violets		50@ 1 25
Adiantum Croweanum		1 00@ 1 50
Ferns	3 00	
Galax "	1 00@1 25	
Leucothoe		75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00	
Plumosus Strings	each, 60@ 75	
Smilax	per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays		3 00@ 4 00

Boxwood, 25c per lb.

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

ZECH & MANN
Wholesale Florists

30 East Randolph St., - - Chicago
Telephone, Central 328
Mention the American Florist when writing.

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster
WHOLESALE FLORISTS
162 N. Wabash Ave., Chicago
Long Distance Phone, Randolph 3619
Mention the American Florist when writing.

John Kruchten,
Wholesale Cut Flowers
162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.

Wietor Bros.
Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago

HOERBER BROS.
Wholesale Growers of **Cut Flowers**
Telephone Randolph 2758.
Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

Joseph Ziska & Sons
151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

USE **Budlong's** Blue Ribbon Valley.

EXTRA FINE FANCY FERNS, 1000, $2.50
DAGGER FERNS, Extra Long, 1000, 2.00

This is the time of the year when you need good Ferns. We have them and you will find them the best you ever bought.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

The prosperity parade held on Monday, April 26, was a big success, and the number of people in line counted by an adding machine was 15,559. It took the parade over three hours to pass the reviewing stand and the parade, which was over 11 miles long, was witnessed by over 250,000 people. It is estimated that there were over 50,000 visitors from out of town, who spent approximately $250,000. The cost of the parade is estimated at $46,785, and the profit to the city is said to be something like $203,115. W. H. Kidwell, Bohannon Floral Co., John Mangel, Chas. Samuelson, Anton Then, A. Lange and a few other florists had neatly decorated cars in the parade which made quite a hit. Wm. Hale Thompson certainly was given a great reception, but his many friends evidently did not realize what an awful wallop they handed Dame Prosperity, as far as the florists are concerned, when they would not permit flowers to be delivered to the city hall on the same day. It is a fact that the florists lost several thousand dollars on this account, for one party had a $500 decoration that was cancelled for this reason, and this is only one of the many cases that have been reported.

Kyle & Foerster are busy getting their new store at 160 North Wabash avenue in shape, and when the alterations are all completed, they will have a pretty nifty place. Two new ice-boxes and entire new set of fixtures will be installed. John Kruchten will occupy their store as soon as it is vacated and has bought all the fixtures including the large ice-box that Kyle & Foerster formerly used. An important announcement in regard to the Kruchten change will be made later.

Bassett & Washburn are cutting a nice supply of roses and carnations and some especially fine Belle Washburn carnations are now among the offerings. This variety is making many friends and in bringing better prices than any other carnation on their list. In speaking of the hot weather that has prevailed in this vicinity the past week, Mr. Washburn says that it was 92 degrees in the shade at Hinsdale one day last week.

Peter Reinberg is offering a good supply of My Maryland and Ophelia roses this week in addition to their regular line of roses and carnations. Felix Reichling says that his brother Emil Reichling, superintendent of the Reinberg greenhouses, is busy planting out carnations this week. Miss McNulty has been busy answering inquiries for stock for Mothers' day and it is surprising what a demand there is for carnations for this day.

The Raedlein Basket Co. is looking forward to a busy season as soon as weddings become more numerous for dainty cut flower baskets are being used more and more on these occasions. The special $15 assortment of cut flower baskets for Mothers' day is in good demand and orders for same are still arriving.

Weiland & Risch have filled a large number of orders for grafted rose plants of the new variety Mrs. Charles Russell, and only have a limited amount left to offer.

Wholesale Flower Markets

BOSTON, April 28.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, April 28.	
Roses, Beauty, special, doz.,	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	30 00@40 00
Carnations	1 00@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Violets	30@ 50
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00

CINCINNATI, April 28.	
Roses, Beauty	per doz., $1 00@$3 00
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	4 00@ 8 00
Asparagus Plumosus	per bch., 25c
Carnations	1 00@ 2 00
Orchids, per doz	3 00
Sweet Peas	25@ 50
Rubrum Lilies	2 00@ 6 00
Tulips	2 00

ST. LOUIS, April 28.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	4 00@ 6 00
" Sunburst	6 00@10 00
" Ophelia	6 00@10 00
Valley	3 00@ 4 00
Carnations	1 00@ 1 50
Orchids	35 00@50 00
Violets	25@ 40
Asparagus Sprengeri, per bu.	25@50
Asparagus Plumosus, per bu.	25@60
Harrisii	6 00
Jonquils	2 00@ 3 00
Sweet Peas	25@ 75
Callas	6 00@ 8 00
Ferns	per 1000, 2 50
Leucothoe	per 100, 60
Galax	per 1000, 1 25

The California Floral Co. has had a very busy week and several nice orders were delivered to the city hall on April 27, when the new council was installed in office.

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

USE **Budlong's** Blue Ribbon Valley.

Wm. F. Schofield, the North State street florist, decorated three automobiles for the prosperity parade held this week, and the arrangement was a great credit to him and his able assistant, Henry Dunn.

Michael Fink is again attending to his duties at the Chicago Flower Growers' Association after being on the sick list for several days.

The E. C. Amling Co. is offering a good supply of cut amaryllis which are attracting some attention at their store.

Fred Liebermann, formerly with Zech & Mann, joined the staff at Kennicott Bros. Co.'s store this week.

Visitors: I. W. Peterson, with J. A. Peterson & Sons, Westwood, Cincinnati, O.; Adolph Nielson, superintendent of Gullett & Sons' greenhouses, Lincoln; E. G. Hill, Richmond, Ind.; Harry Alfred Bent, Sterling.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

CORSAGE PINS.

With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz.....$0 15
Gross (12 doz.)..... 1 00

CORSAGE FOIL

Can be had in either green or violet color.

Per lb.....$0 25
10 lbs. and over at..... 20
20 lbs. and over at..... 18

CORSAGE CORDS

(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

—Write for complete list of other items.—

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH

Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.

Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206.

448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

Philadelphia.

MARKET MENACED WITH OVER SUPPLY.

The feature of the market is the over supply, which is still a menacing problem. Many lines are badly over stocked, and yet in spite of the very unfavorable returns, the supply keeps coming in, the growers no doubt hoping that things will take a turn for the better. In an effort to move the stock, a number of retail men who have never favored cut price sales, have been induced by growers and commission houses to take a flyer. One retailer who had never tried it before, sold over 1,200 short Killarney roses in one day in a half price sale. Another sold about the same quantity of Mrs. Ward roses and has arranged to run them every Friday and Saturday during the spring season. The department stores and the 10-cent stores appear to handle a lot of flowers, but at low prices. A number of out of town dealers are ready whenever they can buy to advantage, and arrange "specials," which they claim are a great boost in advertising their business and securing new trade. The best sellers in the market are the Spencer peas; the quality of much of this stock is fine. There is plenty of lily of the valley, but for some reason it is not up to standard, seeming to lack stamina. Carnations are very draggy, except at prices that will hardly pay the freight. Although roses are so plentiful that all the outside avenues are over supplied and men are seen walking up and down Chestnut street selling long stemmed American Beauties at 10 cents each, yet on Saturday night a retailer who tried to buy one dozen medium Beauties could not get one, the market having shortend up to that extent in a few hours' time.

NOTES.

We have not heard of any concerted action by the trade relating to Mothers' day. Here is a great opportunity, one that will amply repay any expenditure that could be used in giving publicity to this beautiful custom.

PHILADELPHIA, April 28.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus.....per bunch.	50

PITTSBURGH, April 28.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
" Killarney	3 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	4 00
" Sweetheart	1 00@ 1 50
Carnations	1 50@ 2 00
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00@ 4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
White Lilac.....per bunch.	50
Asparagus Sprengeri, per bunch.	35@40
" Sprays.....per bunch.	35@40

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, April 28.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@ 8 00
" Ward, Sunburst	3 00@ 8 00
" Mrs. Chas. Russell	10 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	1 00@ 2 00
Lilies	8 00@10 00
Snapdragon, per bunch, 25c @ 50c	
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Tulips, Freesia	2 00
Daffodils, Trumpets	2 00
Romans, Paper Whites	2 00@ 3 00

Everybody get in line; there is yet time; fix up the windows with pictures of mother, well written cards, etc. Keep the date before the people; it will all help and it can be made the greatest cut flower day of the year.

The national flower show is now be-

LILIUM GIGANTEUM, 7-9-in.
Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage
LILY OF THE VALLEY PIPS
Case of 100 Bulbs, $6.95
300 Bulbs, $18.00
1200 " 70.00
C.S. & CO. NEW YORK
1000 Pips, $15.00
2500 " 35.00
$7.95 Case of 500 Pips
CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

fore the craft of this city, who are going to work with a will to do their part in making it a success. Committees on advertising, publicity, securing exhibits, decorations, and other features have been appointed. A meeting to go over the matter with the national chairman, George Asmus, of Chicago, is scheduled for April 28.

Ophelia roses will be added to the list of the Jos. Heacock Co. the coming season. Hadley will also be grown, both of which varieties have been given a trial the past season. Hoosier Beauty will also have a chance to demonstrate its fitness.

George Burton was operated on for appendicitis, Thursday, April 22. He is in the Chestnut Hill hospital. His condition is reported satisfactory, and it is hoped he will soon be about again.

Edward Reid is strong on American Beauties, orchid peas and carnations. The surplus of the past two weeks has bothered him, but he has kept on top and says the worst is now over.

James Higgins, of Mrs. E. A. Williams' staff of Pittsburgh, Pa., was in town last week. His was a sad errand, as he came to attend the funeral of his mother.

The M. Rice Co. have a novelty in ostrich feather fans, which, when decorated with flowers, are just right for the corsage, the fan acting as a shield.

American Beauty roses are the leaders with the Leo Niessen Co. Corn flowers and Spencer peas are also handled in quantity.

Splendid Spencer peas are offered daily by Berger Brothers. Maryland roses are also a feature. K.

New York.

STOCK IN IMMENSE SUPPLY UNMOVED.

All nature smiles. The trees are well in leaf; the apple blossoms, the dogwoods and many other blossoms of hardy growth are much in evidence and in crossing Madison square it was noted that a lawn mower had already been at work. There are also smiles in the wholesale cut flower district of this city, but, they are different from those of Dame Nature. The past week opened fairly well and that is the best that can be said. Before noon of April 19 the mercury began to climb. It was hot that afternoon, but "Old Sol" was merely preparing for a field day. April 20th the temperature was 80° on the shady side of streets as late as 3 p. m., probably later in some localities. The net result has been that an immense amount of stock has ever since been pouring in, and much of it is showing the effect of such unseasonable heat, particularly roses, carnations and violets. As for the violets, they are about done for and little more need be said about them until next fall. As buying has been light, it follows that the market is glutted. Though some of the stock has deteriorated there is yet plenty that is good, but it is impossible to clean up. Special American Beauty roses have sold as low as $6 per 100 and other roses in like proportion. There is always a little fresh stock that brings better prices, but the bulk of it goes for a song, providing it goes at all. As an instance, the writer has just seen gardenias with good flowers, and stems a foot long, sold on the street for 10 cents each, or 3 for a quarter, probably they have sold for less, for when flowers go on the street it is a reasonable conclusion that they can be sold at most any price, with a profit to the seller. We do not recall ever seeing so much good stock hawked about the streets of this city as at the present time. Gardenias, roses, sweet peas and various other stocks in quantity are in the hands of the street men. Turning from this dark picture to a brighter one, it can be said that the plant trade is active. Window-box and vase work is well advanced and much of it is very handsome. So far as we can learn, the retailers who do landscape work and planting are all fairly busy. The plant auction houses and plant stores in general, seem to be doing an immense business. Many very finely flowered geraniums and other bedding plants are seen and we believe that they are selling well. It may here be added that it does not seem reasonable that the glut in cut flowers can long continue. Much of the bulbous stock will soon be gone and with such hot weather other stocks will have to rest.

April 26.—A heavy supply of stock is arriving to-day. April 25 was a very hot day; the mercury, at 11 a. m., was up to 88° and remained there for several hours. At 7:30 p. m. a breeze sprang up, which increased to the proportions of a gale, and it is now much cooler. Indications point to a heavy supply of stock throughout the week and the market, being full of southern lilac, there is no prospect for an advance in prices on anything.

April 27.—The market today is greatly overstocked and demand stagnant. The heat is intense, the thermometer registering 92° at 3:00 p. m.

NOTES.

Horace E. Froment is now well settled in his large new store, 148 West Twenty-eighth street, having removed from No. 57 on that street. No. 148 is well down toward Seventh avenue and as a new subway is being constructed under Seventh avenue, it would appear that his move will turn out all right. As a New Yorker, to the manor born; as an able and clever business man and a gentleman, he will have the good wishes of many friends, wherever he goes.

G. E. M. Stumpp was in Southampton, L. I., the latter part of last week in connection with preparations for the opening of his new store. He was accompanied by Carl Kamman, one of his staff who will be with him after the store is opened, as it is understood Mr. Stumpp in person will be in charge. Alexander Fogg, of Mr. Stumpp's staff who has been with him for eight months will soon go to his home, Portland, Maine, for the summer, returning in the fall.

The lecture committee of the New York Florists Club feels especially privileged in being able to announce that Ernest H. Wilson, assistant to the director of Arnold Arboretum, Boston, Mass., will address the members at the next meeting, May 10, upon the subject of "Gardens and Flora of Japan," illustrated by original colored photographic slides. Mr. Wilson has recently returned from a year's explorations in Japan.

At the Hotel Vanderbilt, Park avenue and 34th street, we have noted a very fine display of window box work. The boxes cover all the windows on the Park avenue front and 34th street side and placed end to end would measure in length 125 to 150 feet. The boxes are of decorated stone, and filled with English daisies and English ivies, and the effect is beautiful. The work was by Charles A. Dards, Madison avenue and 44th street.

Satow & Suzuki's Nippon Garden, 259 Fifth avenue, is a very interesting place to visit. It is well stocked with dwarf trees, and cut flowers are also sold. We recently noted a novel collection of little turtles. They were from one to one and a half inches in length. We could not say they were as lively as crickets, but they were quite lively for turtles. S. Nishijima is manager.

At Alexander McConnell's store, Fifth avenue and 49th street, we note a very clever arrangement of boxes

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE GROWER AGENT.
COMMISSION FLORISTS.
55 West 26th St. New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

J. K. ALLEN Established 1878
118 West 28th Street
New York
Wholesale Commission Dealer in Cut Flowers.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Consignments Solicited. Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer
Phones 1664 Madison Square, 1665
34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi
Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

and pans, placed near the wall outside the store. In front there is a long row of mountain phlox, a mass of bloom. Along the side the boxes are filled with wallflowers and English daisies. At this season these outside decorations go far toward enhancing the beauty of a store.

One of the heaviest buyers in the wholesale district of New York April 23-24 was Jack Trepel, buyer for his brother, Joe Trepel, who has a chain of retail stores in Brooklyn. Though brothers to C. C. Trepel of Bloomingdale's and proprietors of a dozen stores in Manhattan, they are not connected with him in business.

A flower market, similar to those in Paris, is to be inaugurated in this city by the Woman's Municipal League. Sheridan and Christopher squares in the Greenwich village district have been chosen for market places.

Samuel C. Gilbert, formerly with Charles H. Brown, who a year and a half ago went into the wholesale business at 275 Columbus avenue, has built up a nice trade, and now has an automobile for delivery.

The plant market in the old Fulton fish market, foot of Fulton street near Fulton ferry, seems to be a success. This supplants the market formerly under the Queensboro bridge.

The store at 57 West 28th street, just vacated by H. E. Froment, has been taken by C. C. Trepel. He will use it as a supply depot and headquarters for his buyers.

Thomas F. Galvin, Jr., of Boston, has taken charge of the retail store of Thomas F. Galvin, Inc., Fifth avenue and 46th street, this city, and will remain here permanently.

Armstrong & Mackie are two enterprising young men who recently opened a nice retail store at 671 Eighth avenue, and they seem to be doing a good business.

Geo. Hauser, son of J. W. Hauser, the Madison avenue retailer, came all the way from Florida, where he is in business, to assist his father with the Easter trade.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

	New York, April 28.	Per 100
Roses, Beauty, special		8 00@15 00
" " extra and fancy		5 00@ 6 00
" " No. 1 and No. 2		1 00@ 3 00
" Alice Stanley		1 00@ 6 00
" Prince d'Arenberg, special		5 00@ 6 00
" Francis Scott Key, special		4 00@ 6 00
" Mrs. Geo. Shawyer, special		3 00@ 6 00
" " " extra		2 00@ 3 00
" " " No. 1 & No. 2		50@ 2 00
" White Killarney, special		4 00@ 6 00
" Killarney, My Maryland...		
" " special		4 00@ 5 00
" " No. 1 and No. 2		50@ 2 00
" " Queen, special		2 00@ 5 00
" " Brilliant		50@ 5 00
" Aaron Ward		50@ 6 00
" Richmond, special		50@ 5 00
" Sunburst		50@ 6 00
" Taft		50@ 6 00
" Milady, special		50@ 6 00
" J. L. Mock		1 00@ 6 00
" Hadley		1 00@15 00
" Ophelia		1 00@ 8 00
" Mrs. Chas. Russell		1 00@10 00
Carnations		50@ 2 00
Cattleya Orchids, special		25 00@50 00
" inferior grades		15 00@20 00
Jonquils		1 00@ 1 50
Lilies, Longiflorum and Harrisii		2 00@ 4 00
Lily of the Valley		1 00@ 3 00
Tulips		1 00@ 1 50
Gardenias	per doz.	75c@$1.00
Adiantium Croweanum and Hybridum		50@ 75
Asparagus Plumosus	doz. bchs.	1 50@ 2 50
Smilax	doz. strings	1 25@ 1 50
Sweet Peas, per doz. bunches		35@ .50
" " Spencer type, 100 flowers		.50@1.00
White Lilac	per bunch	50@ 75

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

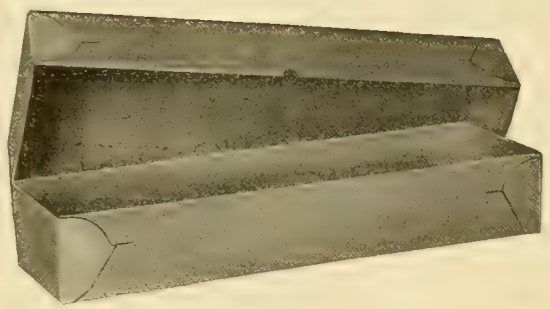
N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing.

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing.

WHOLESALE FLORISTS
A. L. Young & Co.
54 West 28th St. New York
Consignments Solicited
Mention the American Florist when writing.



YOU get both quality and style in SEFTON FLOWER BOXES, at no greater cost. There's no better advertisement than a smart, distinctive package; we insure this for you with the right materials, finished in handsome, non-fading shades. Ask your paper jobber.

You ought to have our Catalog (illustrated in colors) also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street CHICAGO, ILL.

A meeting of the flower show committee of the New York Florists' club was held at the office of Harry A. Bunyard, April 24. Plans were discussed for the spring show of 1916.

Geo. D. Nicholas, the popular retailer of Seventh avenue and 123d street, has recently purchased a handsome automobile for his delivery service.

Max Schling, in addition to his large cut flower trade, is now very busy with window-box and vase work, and outdoor planting.

John Mallon, of James Mallon's Sons, has been seriously ill with grippe but is now recovering, and is able to visit their stores.

S. Masur was busy as usual. Since removing to his new store his facilities for turning out work are greatly improved.

Chas. F. Dailey, late of the flower shop in the Hotel Plaza, recently opened a retail store at 358 Madison avenue.

We found John V. Phillips busy in his store, and he had a force of men out doing landscape work.

James Conlon is having quite a trade in plants, vines and various outdoor stocks.

A. Muller is now the clever and efficient florist at the Hotel McAlpin.

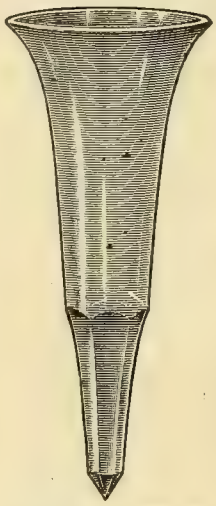
Visitors: Wallace R. Pierson, Cromwell, Conn.; Wm. J. Stewart, Boston, Mass.

BOWLING.

An interesting event of the past week was the bowling match on the afternoon of April 22, on Thum's alleys, between the Tuxedo Park and New York Florists' Club bowling teams. New York won two of the three games. W. P. Ford, literally the heavyweight of the New York team (he must weigh nearly 250 pounds) did much to win the game. John Miesem, Joe Fenrich, Harry Riedel, Charlie Scott and Pete Jacobson, all likewise showed up in good form. There are good bowlers in the Tuxedo Park team and they defeated New York the previous week on the Tuxedo Park alleys. The standing of the teams is therefore now even. While we do not know just why it should be so, providing one set of alleys are as good as another, it appears to us that most bowlers do better work on their own alleys. After the bowling was over the New York team entertained the visiting team at a supper in Thum's restaurant. That was but returning the compliment as they were royally treated at Tuxedo Park. The Tuxedo Park team is largely composed of private gardeners and they are a fine lot of men. The scores follow:

New York.				Tuxedo Park.			
Ford	164	179	145	Cooley	177	131	161
Scott	107	162	170	Barth	111	167	119
Riedel	165	170	114	Tansey	133	128	114
Fenrich	146	160	132	Murray	142	175	143
Miesem	150	124	168	Bently	152	131	148
Jacobson	140	126	110	Davidson	111	109	160
Totals	872	921	839	Totals	826	841	845

A. F. F.



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth
Can be supplied in green or white
Doz., $2.50; barrel of 3 doz., $6.00,
f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO: 31-33 W. Randolph St., **NEW YORK** 43 Barclay St.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.
16-18-20-22 South Peoria St., CHICAGO

Decorative Evergreens

Long Green Leucothoe, $2.00 per 1000.
Medium Green Leucothoe, $1.50 per 1000,
Short Green Leucothoe, 75c per 1000.
Ferns (Fancy and Dagger) 70c per 1000, or $3.25 per case of 5000.
Galax (Bronze and Green) 45c per 1000, or $3.75 per case of 10,000.

Fresh Fancy Stock. Your Business is Solicited

HAMPTON & PERKINS,
ROAN MOUNTAIN, TENNESSEE.

INDIANAPOLIS, IND.—The next regular meeting of the State Florists' Association will be held at the Claypool hotel, May 4, at 8 p. m.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day — **Fall Announcement**
Spring Planting — **Thanksgiving**
Memorial Day — **Christmas**
Social Occasions — **St. Valentine's Day**
Fall Planting — **Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

Southern Wild Smilax

New Crop now ready for shipment, $2.50 per case
Natural and Perpetuated Moss.

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing.

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co.'s STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing.

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS

Experts to Arrange Them.

150 E. Fourth St.

Chicago. Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing.

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing.

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. T. J. JOHNSTON & CO. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL. Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. Cor. 15th & H. Sts. WASHINGTON, D. C.,

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

.:.:.FLOWERS.:.:.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Addres4, DARDSFLOR.

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

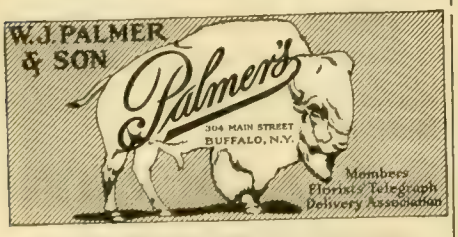
Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Cleveland.

STREET MEN HELP MOVE HEAVY STOCK.

The flower market has had its ups and downs the last few weeks, with downs leading with perhaps a slight margin. Stocks of all grades and varieties are abundant to say the least; much of it is sold to the street fakirs, and prices are low. Snapdragons of excellent quality, and all colors are plentiful with a fair demand, while carnations, roses, sweet peas, calendulas, tulips, daffodils, Easter lilies, callas, swainsonas, daisies, poeticus, violets and forget-me-nots are also part of the stock from which to select. Irises in all colors and mignonette meet with a fair demand. Sweet peas have supplanted the violet for corsage bouquets, and the sale, for adiantum is very good. Asparagus has shortened in supply. Boxwood for funeral work still meets with a good call. Inquiries for Mothers' day look like it will be a record breaking day for florists. Advertising for Mothers' day will be out very soon, and help to boost the day.

NOTES.

J. Prentiss Baldwin, chairman of the executive committee, representing the Ohio Horticultural Society, The Cleveland Florists Club, and the Cleveland Garden Club, spent the past week in New York in the interest of the Cleveland flower show, November 10-14. The floor plan for trade exhibits has been arranged and space for exhibits is now ready for sale. You are invited, so plan now to attend. The annual meeting and exhibition of the Chrysanthemum Society of America will be a big feature at the Cleveland show.

The firm name of "Harris Bros.," at 144 Public square has been changed to The Park Flower Shop. This is the only place in Cleveland that has its icebox in the show window, and it is at all times packed with seasonable flowers, making a good display and attracting considerable attention.

Leonard Utzinger, Sr., florist, 800 Lake View road, used to be a florist in the royal gardens of the King of Wurtemberg. Mr. Utzinger made an extended visit to his old "heimat" last summer.

Cleveland Englishmen wore red roses, Sunday, April 25, St. George's day. There were special services at Trinity cathedral. C. F. B.

ST. PAUL, MINN.—Boosallis & Papas, proprietors of the Metropolitan Candy Co., were wiped out by fire on April 27-28, when a number of large buildings were burned to the ground. Boosallis & Papas conducted a floral department in their store and were large buyers in the local market.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for FLOWERS. Delivered to all parts of the country. Special care, select and artistic work.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

WASHINGTON D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

913 Grand Avenue

All Orders Given Prompt and Careful Attention

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing.

Kansas City, Mo.

Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

Mention the American Florist when writing.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing.

Washington, D. C.

Blackistone.

14th and H. Street.

JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

Mention the American Florist when writing.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. R. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Floristo.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
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Washington—Gude Bros.
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Mention the American Florist when writing.

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Prompt and careful attention to orders from out-of-town florists.

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Established over 20 Years.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

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Wire or Phone Your Orders to the HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West.

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Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Canada's best known and most reliable florist.

Only the Best **Dunlop's**

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to Steamers and all Eastern Points.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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All orders carefully filled under the supervision of
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Bramley & Son
1181 E. 71st St.
The Largest Growers of Flowers in City.

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FLORIST,
409 MAIN STREET.
All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.
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Mrs. J. B. Freeman
(Successor to Geo. A. Heinl)
336 Superior St., Toledo, O.
Both Phones, 527.
Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivey.
Mention the American Florist when writing.

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200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.
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CHAS. A. DUERR.
Member of Florists' Telegraph Delivery.

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MYER, FLORIST, 609-611 Madison Ave
Phone 5297 Plaza.
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The Flower Shop The Leading Florists
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ROCK'S FLOWERS
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C. H. FREY, Wholesale and Retail Florist
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Will fill orders for the West on short notice
Trade discounts. First-class stock.
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"Some Florist"
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Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Artistic Floral Work and Long Stem Beauties Our Specialty.

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Cut Flower Merchants.
We solicit telegraph orders. Regular trade disc
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Orders Carefully Executed
Pikes Peak Floral Co.
Wholesale and Retail
Members Florists' Telegraph Delivery.

Sedalia, Missouri
Archias Floral Co.
Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.
Members of The Florists' Telegraph Delivery.

Tacoma, Wash.
California Florists
will take care of all telegraphic orders.

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HENRY SMITH,
Wholesale and Retail Florist of GRAND RAPIDS
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Grand Rapids, Mich.
GRAND RAPIDS FLORAL CO.
ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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H. W. BUCKBEE.
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Roses for Outdoor Planting

Two-year-old plants, potted up into 5 and 6-inch pots during the winter months, stored in cold houses and frames and now in best possible condition to sell to your retail customers. Over 200 varieties, in Hybrid Tea, Hybrid Perpetual, Moss, Rugosa, Wichuraiana, Rambler, Baby Rambler, Pernetiana and Tea Varieties.

Hardy Perennials

The best collection of serviceable varieties in the country. Large planters, among whom we include the leading Landscape Architects throughout the country, appreciate the advantage of the **Dreer Pot Grown Plants** over the socalled Field Grown Clumps. No doubt, you are familiar with our stock, if not, give it a trial. Specialties in this line are, **The New Anchusas, Anemone Japonica, Aquilegias, Hardy Asters, Astilbes, Hardy Chrysanthemums, Delphiniums, Digitalis, Hardy Ferns, Funkias, Hardy Grasses, Double Gypsophila. Heleniums, Helianthus, Giant Hibiscus or Mallows, Iris Germanica, Iris Kaempferi, Poppies, Penstemons, Paeonies, Hardy Phlox** (over 150,000 of these in stock), **New Phlox Arendsi, Hardy Pinks, Primulas, Double and Single Pyrethrums, Salvias, Saxifraga, Scabiosa, Spiraeas, Stokesia, Trollius, Tritomas, Veronicas, Violas,** etc.

New Hybrid-Tea Rose Willowmere.

Artemisia Lactiflora.

Hardy Shrubs

All the popular varieties. **Hardy Azaleas, Andromeda, New Buddleias, Hydrangeas, Japanese Maples, Rhododendrons** of tested hardy varieties, **Altheas, Deutzias, Philadelphus, Spiraeas, Viburnums, Weigelias,** etc.

Aquatics

We are headquarters for **Water Lilies,** both **Hardy** and **Tender. Nelumbiums, Victorias** and **Sub-Aquatic Marginal Plants.**

Ornamental Plants

Boxwoods in **Pyramids, Trees, Balls** and **Bushes, Palms, Ferns, Crotons, Dracaenas, Pandanus,** etc.

Bulbs

Amaryllis, Tuberous Begonias, Caladiums, Dahlias, Gladiolus, Lilies, Cannas, etc.

Hardy Climbers

Ampelopsis, Aristolochias, Bignonias, Clematis, Honeysuckles, Hardy Ivies, Hardy Jasmines, Polygonum Auberti, Kudzu Vines, Climbing Hydrangeas, Wistarias, Vitis, etc.

All of the above and many other seasonable **Plants** and **Bulbs** are fully described in our January 1st. Wholesale Price List, which will be mailed to anyone in the trade on application.

HENRY A. DREER

714-716 Chestnut Street, Philadelphia, Pa.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

VISITED NEW YORK.—J. Chas. McCullough, Cincinnati, O., enroute to his Virginia shooting preserves.

RICHLAND, WIS.—A seed cleaning mill will be installed and an addition erected at the seed house of Peter W. Wolf.

CHICAGO.—Prices for grass seed on the Board of Trade April 28 were as follows: Timothy, $5.50 to $7.00 per 100 pounds.

THE Salt Lake City Tribune, of April 11, calls attention to the Morgan district of Utah as a good locality for raising seed peas.

SEDALIA, MO.—Fred J. Kreisel, formerly of the Archias Seed Store, has purchased the Culley Commission & Seed Company of this city.

ACCORDING to Argentina cables it is estimated that the exportable corn surplus will be materially reduced, due to heavy rains and unsettled weather.

DUTCH BULBS.—Dutch reports of April 10 say crops in general are looking well. Trade in Europe is quite satisfactory for tulips and daffodils. Hyacinths go slow.

LOMPOC, CALIF.—The Lompoc Produce & Real Estate Co. is inviting members of the seed trade to make themselves at home at its offices when they visit Lompoc on their California tour next month.

NASHVILLE, TENN. — "Things are breaking right for us," report McKay, Reece & Co., seedsmen. "We have been having a fine business. The demand for high grade seeds is especially heavy this year."

CRAWFORDSVILLE, IND.—The Crawfordsville Seed Co., reports highly satisfactory trade since its formation, July 1, 1914, enlargement of its quarters being made necessary by the encouraging growth of the business.

SAN DIEGO, CALIF.—E. H. Cushman, proprietor of the Cushman Gladiolus Co., Sylvania, Ohio, and specialist in gladioli, peonies and dahlias, has turned his business over to his son, and with his family, is now residing in this city.

AN unprecedented and unexpected shortage has developed in bulbs of Caladium esculentum during the past two weeks, the stock appears to be entirely cleaned up all over the country, an apparent shortage of twenty or thirty thousand.

FRENCH BULBS.—According to latest French reports, White Roman hyacinths, 12-15 centimeters, will probably not exceed 75 francs. Narcissus Paper White Grandiflora probably will be the same price as last year. The harvesting will be long and difficult, because the active, able-bodied young and middle-aged men are away at the front, and those who are not actually at the front are in the concentration camps.

ONION SET crops at Chicago are showing above ground, in spite of continued drought. Strong hot winds have played mischief with the tender plants on the light sandy soils. Hand weeding will soon be in order, as the unusually warm weather is starting the weeds freely.

TUBEROSE bulb planting stock is reported scarce, and even if war conditions reduce demands 50 per cent it is thought likely that a similar shortage will be found in the crop produced. England, Holland, Denmark and Italy are the only buying markets open and Holland orders have been reduced more than 60 per cent.

Robert Henry Black, Albert Lea, Minn.

A "Seedsman by Birth," who has Established a Fast Growing Business.

NEW YORK.—It would be hard to see how some of the seed stores could, with their present facilities, handle more business than they have been doing since the spring trade really began. On April 17 the cash sales at the store of Peter Henderson & Co., for that day alone, were $3,755, and enough was booked to bring them up to $4,000. At Vaughan's no figures have been given out, but the store has been crowded throughout the past week. Other stores report excellent business.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

P-W

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Lemon Oil as Seed Corn Germicide.

By treating seed corn with a solution of oil of lemon and wood alcohol, root lice are very much reduced, according to Dr. S. A. Forbes, state entomologist of Illinois. The mixture is in the proportion of one part of oil of lemon to 10 parts of alcohol. Three ounces of the mixture is used to a bushel of corn. The cost of the treatment is about 10 cents per acre planted.

Clover Seed.

Toledo authorities, writing April 23, make the following report on the clover crop conditions:

"October clover is at a debatable level and on present conditions sales on the bulges appear attractive. The new crop came through the winter in good shape. Rains did not come until late, but have since relieved all apprehension and the new crop is getting away with a good start. The cash season is about at an end, and indications are that there will be a good-sized surplus carried over, both here and at other points. After April is out of the way October seed will have to stand on its own merits and will be swayed by speculation and the new crop outlook. With the exception of the crop calamity of 1912, it is now selling higher than ever before during April. It is much above the average and somewhat higher than the expiration of cash seed during the past two seasons. Present price discounts a moderate sized crop. It is only on a short crop, when actual shortage prevails, that clover seed can be maintained above $9 throughout the season. The usual season's range of $3 to $5 adds to the possibilities. October closed today at $8.35."

Robert H. Black, Albert Lea, Minn.

The accompanying portrait of Robert Henry Black, seedsman of Albert Lea, Minn., is a reproduction of a two column illustration, which appeared in the Albert Lea Evening Tribune, April 23. The Tribune in referring to Mr. Black states that he couldn't help being a seedsman. From his Scotch ancestry he inherited a love of

Contracting Growers Crop 1915

PEAS, BEANS, CUCUMBER.

Strictly first-class quality.

Alfred J. Brown Seed Co.

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

FOR PRESENT SOWING

Thorburn's Seeds

OUR catalog will help you in your selection, or we will with specific advice. Some one in our organization is an expert on your problems.

Drop us a line for our catalog. Now before you forget.

J. M. THORBURN & CO.

In business since 1802

53 Barclay Street, New York

gardening and from his father at Independence, Iowa, he learned the seed business from the ground up. Gladioli are his special hobby. The publication adds that the worst mistake Mr. Black made was in being born in Iowa, instead of Albert Lea, but while he has been in that city he has been keeping the town right on the map with "Black's Seeds and Bulbs that Satisfy."

Seeds and Plants for Russia

A business man in Russia informs an American consular officer that he desires to communicate with American exporters of seeds and plants, with a view to acting as agent. Correspondence should be conducted in the Russian language. Prices, weights, etc., should be stated in Russian equivalents, and quotations should be made c. i. f. Russian ports.

Weights and Measures Conference.

The tenth annual conference of the weights and measures officials of the United States will be held May 25 to 28 under the auspices of the Bureau of Standards, and the governors of the various states have been invited to appoint delegates.

Catalogues Received.

The W. W. Barnard Co., Chicago, seeds; German Nurseries and Seed House, Beatrice, Neb., seeds; B. E. and J. T. Cokely, Scranton, Pa., seeds; Gurney Seed & Nursery Co., seeds and nursery stock; Robert H. Black, Albert Lea, Minn., seeds and bulbs; Joseph Breck & Sons, Boston, Mass., seeds; Thomas J. Grey Co., Boston, Mass., seeds; St. Louis Seed Co., St. Louis, Mo., seeds; The Storrs and Harrison Co., Painesville, O., seeds, plants, trees, etc.; Arthur Cowee, Berlin, N. Y. gladiolus; W. W. Wilmore, Jr., Wheatridge Colo., gladiolus; W. Atlee Burpee & Co., Philadelphia, Pa., Anniversary supplement and story and culture of the red sunflower; Vaughan's Seed Store, Chicago, New York, book for florists; Harrison's Nurseries, Berlin, Md., nursery stocks; John Connon Co., Hamilton, Ont., plants, bulbs, trees, shrubs, etc.; Spring Hill Nurseries, Tippecanoe City, O., nursery stock; Martin Kohankie, Painesville, O., nursery stock; The E. G. Hill Co., Richmond, Ind., roses; Dingee & Conard Co., West Grove, Pa., roses.

Carter's Tested Seeds, Inc., London, Eng., seeds; Max Kornacker, Wehrden (Weser), Germany, seeds; Blackmore and Langdon, Bath, Eng., seeds, etc.; Frederick Roemer, Quedlinburg, Germany, seeds; W. W. Johnson & Son, Boston, Eng., seeds and potatoes; F. C. Heinemann, Erfurt, Germany, novelties for 1914-1915; Kallen & Lunnemann, Boskoop, Holland, peonies.

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50; 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing.

LILY OF THE VALLEY

For June Weddings

Special from cold storage. $13.00 per 1000; $7.00 for 500; $4.00 for 250; $32.00 per case of 2500.

H. N. BRUNS, 3032 Madison St., Chicago

Mention the American Florist when writing

LILY OF THE VALLEY PIPS

Extra fine qualities. New crop.

Danish and German.

Ask for quotations.

LOECHNER & CO., 11 Warren Street, NEW YORK

Mention the American Florist when writing.

BEANS, PEAS, RADISH
and all Garden Seeds

LEONARD SEED CO.

226-230 W. KINZIE STREET, CHICAGO

ONION SETS

GROWERS FOR THE TRADE
Write for Prices

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing.

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

Mention the American Florist when writing.

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

KENTIA SEED

FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

Mention the American Florist when writing.

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

MRS. FRANCIS KING.

GLADIOLUS
Mrs. Francis King

Best, biggest, most effective decorative Gladiolus for Home Gardens, Store and Window Work.

A big seller wherever offered.

Bulbs of our own growing—

	Per 1000
First size, above 1½-in.	$ 9.00
Regular blooming size, nearly 1½-in.	7.00

The flowers of this variety sold on Chicago market at $1.50 per doz. the week of April 20.

Every retailer will make money by planting a few thousand.

A General stock of all other Gladiolus.

Cold Storage Lilies.

	No. in case	Per 100	Per 1000
Giganteum, 7-9 inch	100	$6.00	
Giganteum, 7-9 inch	300		53.00
Giganteum, 8-10 inch	225		75.00
Giganteum, 9-10 inch	200		90.00

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

THE
J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

BRUNNINGS

Leading Suppliers of

EUCALYPTUS
and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.

Special quotations on application.

BOXWOODS

Exceptionally fine stock in the following shapes and sizes:

Bushes, 10-in.....25c, $3.00 per doz.
Bushes, 12-in.....30c, 3.60 per doz.
Bushes, 12-in. extra heavy, 10 in. wide, 40c, $4.80 per doz.
Bushes, 15-in.....50c, $6.00 per doz.
Bushes, 18-in .....$1.00 each
Bushes, 24-in..... 1.25 each
Bushes, 2½-ft., extra special..... 3.00 each
Bushes, 3½-ft., extra special..... 6.00 each
Pyramids, 30-in..... 2.00 each
Pyramids, 36-in..... 3.00 each
Pyramids, 3½-ft..... 3.50 each
Pyramids, 4-ft..... 4.00 each
Pyramids, 5-ft..... 6.00 each
Pyramids, 6-ft..... 12.00 each
Standards, 2-ft. stem, 12-15-in crown.....$2.00
Standards, 2-ft., 18-24-in. crown.....$3.00 each
Globe, 12 in..... 1.75 each
Globe, 15-in..... 3.00 each
Globe, 18-in..... 5.00 each
Standard Globes, 16-in. heads..... 3.00 each
Globe, 24-in..... 6.00 each

Bay Trees.

3 ft. stem, 30-in. crown.....$10.00 each
18-in. stem, 32-in. crown..... 10.00 each
4-ft. stem, 30-in. crown..... 10.00 each
4-ft. stem, 36-in. crown..... 12.50 each
4-ft. stem, 42-in. crown..... 15.00 each

Cyclamen.

Pure White; Grandif. Alba; White, carmine eye; Excelsior, white, red eye; Glory of Wandsbek, 3-in. pots, ready now, 8c each. Wonder of Wandsbek, Rose Von Marienthal, Brilliant Red, Bright Red, Dark Red, Rosy Morn, for June delivery, in 3 in. pots, 8c each.

Cyclamen.

Seedlings, Transplanted.—Mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl.....$4.00 per 100

Coleus.

Assorted, 2-in.....$2.50 per 100
Yellow Pfitzer..... 2.50 per 100

Aucuba Japonica.
15-in., 60c each; 2-ft., $1.00 to $1.25 each

Laurus Cerasus.
75c to $1.00 each.

Mahonia Bushes.
18 to 24 inches, 50c each

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THE GEO. WITTBOLD COMPANY

L. D. Phone, Graceland 1112

737-39 Buckingham Place, CHICAGO

S. M. Isbell & Co.,

Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade
CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.
S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

Winter-Flowering Spencer Sweet Pea

Ask for list of outdoor and inside Sweet Peas.
ANT. C. ZVOLANEK, - Lompoc, Calif.

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to
S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK. and Orange, Conn.

Growers and Specialists

CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.
Sioux City Seed & Nursery Co.
Established 1883.
Mention the American Florist when writing.

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm.
Bristol, Pa.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets
IN BEST VARIETIES.
Prices low. Send for list.
Wood Brothers, FISHKILL New York

Geraniums

S. A. Nutt and 5 varieties, 2½-in. pots, $3.00 per 100; 3-in. pots, ready, $4.00 per 100.
Cannas, 10 varieties, from 3 and 4 in. pots, $3.50 per 100; King Humbert, $5.00 per 100.
Vinca, variegated, 4-in. pot, $10 per 100.
Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.
Coleus, 10 varieties, ready, 2½-in. pots, $2.00 per 100.
Alternantheras, red and yellow, ready, $2.00 per 100.
Pansy Plant, Giant flowering, transplanted plants, $1.00 per 100.
— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.
Mention the American Florist when writing.

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

Weiland & Risch

154 N. Wabash Ave., CHICAGO
Mention the American Florist when writing.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

THE standard barrel of the United States should contain 7,056 cubic inches, with 28½ inch staves and 17⅛-inch heads, head material not thicker than 2-5 of an inch.

WE are in receipt of the tenth annual report of the Ontario Vegetable Growers' Association, 1914, published by the Ontario department of agriculture. It comprises 91 pages, and is excellently illustrated.

Prices of Indoor Fruits and Vegetables.

Chicago, April 27.—Mushrooms, 40 cents to 50 cents per pound; lettuce, 8 cents to 10 cents per box; radishes, 40 cents to 50 cents per dozen bunches; asparagus, $1.00 per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, $1.00 per dozen.

New York, April 27.—Cauliflower, per dozen, $2.00 to $3.50; Cucumbers, $1.00 to $1.25 per dozen; mushrooms, 65 cents to $1.50 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 50 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Gardeners' Mutual Protective Association.

This association held its monthly meeting in New Orleans, Sunday, April 11, and after transacting routine business the question of celebrating the association's fortieth anniversary was discussed and plans were made to give a May festival and outing in honor of the event, the proceeds to go to the W. & O. fund. An elaborate programme is being arranged and the event will bring out a large attendance of the gardeners in the suburbs of this city, and also those of the adjacent parishes of St. Bernard and Jefferson. The important matter of the introduction of Japanese labor was discussed, and the association adopted a motion as being opposed to same.

JOHN PARR, Sec'y.

Onion Growing on Indiana Muck Land.

Seven years ago Rudolph Kline purchased a farm, or rather a swamp in Starke county, Indiana, grown up in shrubs with here and there a sand hill rising above the general level. With a large force of men and teams he cleared the land, laid out a system of open and tile drainage, and soon demonstrated that this much-despised swamp land would produce onions second to none. For the past six years he has grown on the average seventy-five acres of onions, which have annually yielded an average of 475 bushels an acre, or 35,625 bushels. According to the grower's figures it costs about 30 cents a bushel to produce these onions, leaving a net profit of 15 cents a bushel, or $5,343.75 a year.—Country Gentleman.

Preparing Land.

There is a widespread belief that to plant into newly plowed land is best. This is not only a great error, but often the direct cause of crop failure. Soil study has received a great deal of attention in recent years, and we believe in this case practice and science agree very well. The all important principle involved is capillarity, or the movement of soil moisture. Moisture moves upward in solid earth, most readily, and very slowly, if at all, in loose earth. High winds penetrate loose earth, causing the wilting and loss of newly set green plants.

Seeds for germinating need close soil contact and constant moisture. The old experienced gardener knows that plowed land will be better after resting several weeks or a month as the disturbed water movement has had time to be reestablished. We can learn a great deal from the dry farming methods of the semi-arid western plains. Their method is simply to preserve every bit of moisture precipitated by constant harrowing of the surface; the accumulation of enough moisture in two years to raise one crop. Further they have demonstrated that to plow under a large amount of stubble, trash or strawy manure effectively separates the upper soil from the subsoil, therefore preventing capillarity. To overcome this, they reduce this trash with cut away discs before plowing.

After plowing the soil is compacted below and loosened on top to prevent evaporation. Imitating these westerners we can disc our lands before plowing to a depth of four inches; thus we plow under mellow soil; after plowing, by discing the upper part, we have the assurance that the entire seed bed is mellow and fine. Where soils are too hard to disc readily before plowing, we can plow first, then disc and harrow, and then plow again, thus turning the mellow soil under and bringing the clods to the surface to be reduced as before. This may mean a lot of work, but in gardening, where enormous amounts of labor are required and the expense of carrying a crop through is great, this preparatory work is well placed. In regard to seed sowing, soils have a moisture line—that is, a compact soil with a harrowed surface will produce a constant moisture level, even in long continued dry weather, hence the operator must determine to establish this line and plant his seeds accordingly.

We have had soils that would hold this moist line within one-half inch of the surface and others again would dry out almost two inches. As a rule, in all gardening and farming operations, too much moisture is allowed to escape by permitting unplowed land to crust hard or by the failure of compacting and harrowing newly plowed land.

MARKETMAN.

SYRACUSE, N. Y.—The Pierce-Christian Co., successors to Burt, the Florist, having taken over the business about a year ago, have suspended. The store is still open, being under the management of Henry Morris, formerly of P. R. Quinlan & Company of this city.

FT. WORTH, TEX.—The committee managing the annual flower garden competition wants the streets of this city to bloom like a garden—with window boxes in every building. Special efforts are being directed along this line. Appeals are being made to the business men and it is especially urged that these window boxes contain vincas, which require a minimum of care, cost very little and are a mass of bloom from early spring until late frost.

CHRYSANTHEMUMS

50,000 rooted cuttings and plants from soil
Leading market sorts. Write for prices.
William Swayne, Kennett Square, Pa.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark **American Spawn Co. St., Paul, Minn.**

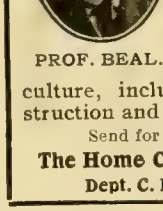
Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price $1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

Landscape Gardening



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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art. We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School
Dept. C. F., Springfield, Mass.

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HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft	12.50
2-in. ceda· tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

Mention the American Florist when writing.

Chrysanthemums.

R. C. $1.50 per 100; $12.00 per 1000, prepaid. Chrysolora, Chas. Razer, Early Snow, Golden Glow, Smith's Advance, Dr. Enguehard, Patty, Col. Appleton, Mrs. Robinson, Pacific Supreme, White Bonnaffon, Nagoya, and other good varieties.

Aster Seedlings, best named varieties, 50c per 100; $3.50 per 1000, prepaid.

Pansies, in bloom, $1.00 per 100, prepaid.

Fuchsias, 3 in. strong, named varieties, $6.00 per 100.

Verbenas, 2½-in., named varieties, $2.50 per 100; $20.00 per 1000.

Vincas, variegated, strong 2-in., at $2.00 per 100, $18.00 per 1000; 3-in., at $5.00 per 100; 4 in., at $10.00 per 100.

Salvias, St. Louis, 3-in., very strong, $5.00 per 100.

Asparagus Sprengeri, strong, 2-in., $2.00 per 100, $18.00 per 1000; 2½ in., $3.00 per 100; 3-in., $5 00; 4-in., $10.00.

C. HUMFELD, Clay Center, Kansas

Mention the American Florist when writing.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies, OLEAN, N. Y.

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Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

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GERANIUMS

Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and **Buchner**	$10 00	per 1000
Ricard and **Poitevine**	12 50	" "
Asparagus Plumosus	25 00	" "
Smilax	12 50	" "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing.

Asparagus Plumosus Nanus.

April Special Offer

ASPARAGUS PLUMOSUS NANUS

(New Crop.)

April is the ideal month to sow this seed. The seed we offer is **Northern Greenhouse Grown** stock of high germinating quality, the same high class strain as supplied by us for the last fifteen years.

	Per 1000
1000 seeds	**$3.00**
3,000 to 5,000 seeds	**2.75**
6,000 to 10,000 seeds	**2.50**

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
White Killarney	$4.00	$35.00	**Richmond**	$3.00	$25.00
Pink Killarney	4.00	35.00	**Maryland**	4.00	35.00
Mrs. Aaron Ward	4.00	35.00			

CHOICE 3½-IN. PLANTS.

Mrs. Aaron Ward	$6.00 per 100; $50.00 per 1000
Sunburst	6.00 per 100; 50.00 per 1000

BENCH PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
Killarney	$6.00	$50.00	**Ward**	$6.00	$50.00
Richmond	6.00	50.00			

Specify Plants When Ordering.

Peter Reinberg, 30 E. Randolph St., Chicago

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PAINESVILLE NURSERIES

CATALOGUES AND PRICE LISTS FREE ON APPLICATION

PAINESVILLE, - OHIO

BOXWOODS--Most Beautiful Stock

Pyramids, 2 -ft	$1.00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½,ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

CENTERVILLE, IND.—E. Y. Teas, the veteran nurseryman of Centerville, is in his eighty-sixth year and says he will retire this year.

CARL CROPP, of Vaughan's Nurseries, Western Springs, Ill., reports that on April 26 the peony crop was about 18 days earlier than last year.

WASHINGTON, D. C.—The dates for the annual rose exhibition of the Brookland Rose Society have been set for May 20-21. Attractive medals will be presented to the winners in several classes.

SANTA ROSA, CALIF.—Plans for the rose carnival to be held May 6-8, are well under way, and everything indicates the carnival this year will excel all previous efforts of "The Rose City," in which the rose carnival idea originated.

GEORGE C. ROEDING, for over thirty years active in the nursery trade in California, and at present president of the Fancher Creek Nursery Co., Fresno, Calif., has published a book on the planting and pruning of fruit and ornamental trees. It sells at 25 cents and contains much valuable information.

THE late John Cudahy, millionaire packer of Chicago, who died April 23, as a young man at the age of 24, engaged in the nursery business continuing his operations therein three years when he returned to the packing industry in which he had been engaged previously. Mr. Cudahy was born in Callan, County Kilkenny, Ireland.

DANSVILLE, N. Y.—Reilly Bros., nurserymen, filed a voluntary petition in bankruptcy in United States district court, April 20, showing liabilities of $31,535.42 and assets of $71,060. Edward Bacon of this city was appointed receiver. Counsel for Reilly Bros., said the action was taken not because the firm was insolvent, but to effect an adjustment with creditors.

Early History and Traditions of Evergreens

In reviewing the three great periods of geological history, it is found that the first period consisted principally of flowerless plants; the second period of flowerless and a few seed-bearing plants; the third period the seed-bearing plants constituted much the larger portion, in the opinion of A. H. Hill, Dundee, Ill., who addressed the North Shore Horticultural Society, Lake Forest, Ill., January 15, 1915. The family that has most universally pervaded every stage of vegetation is that of the conifers or evergreens. The ancient writers frequently mention the existence of conifers and used the pines, cedars and junipers as striking illustrations of strength, durability and permanency. The Romans used garlands of pine branches for crowning the victors in their games, and the wood to form their funeral pyres. The cones and seeds were considered medicinal and were sought after for flavoring their wines. The rare gracefulness and artistic beauty of many of the evergreens were used as models by the sculptor. One of the old writers speaks of the preservative properties of the juice of the cedar and states it was used in preparing mummies. The cedar of Lebanon is symbolical of durability. The wood was held in great respect by the ancients and the branches were employed in religious exercises. The junipers and yews perhaps, were more frequently mentioned and known than any other genus of the evergreens, and they were used extensively in all ornamental plantings.

In many places throughout the sacred writing we find the evergreens beautifully mentioned, the similes often being among the most eloquent pasages known in the English language. The first author who wrote exclusively on trees and shrubs produced a book in 1523 on the subject of evergreens, and since then the French, English, Germans and Italians have paid the evergreen family marked attention. Other botanical authors have, during the present century, devoted much labor to the study and classification of this most important family.

No other order of plants presents such a diversity of size as that of the evergreen family. From the humble trailing sorts to the lordly Sequoia gigantea, 300 feet in height, it embraces trees of every size. Every shade and tint of gold, silver and green is also beautifully displayed in the foliage of the various species. The evergreen family is limited to no particular climate or country, but is a native of the torrid, frigid and temperate zones throughout the whole world. On the coldest summits of the Alpine peaks of Lapland, at the very utmost limits of vegetation, are found many of the dwarf species, while on the other extreme, some splendid varieties develop their beauty beneath the scorching sun of the torrid regions.

If you are short of Blooming Plants, such as
Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,
Wire your order to
GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

ROOTED CUTTINGS.
Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000, Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1 00. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. S. D. BRANT, Clay Center, Kans.

2½-in. Rose Plants
GOOD STOCK
Pink Killarney White Killarney and Richmond at $3.00 per 100; $25.00 per 1000.
2-yr. old Asparagus Plumosus Clumps from bench, $3.00 per 100; $25.00 per 1000.
GEORGE REINBERG,
162 N. Wabash Ave., Chicago.

For the Best New and Standard
DAHLIAS
Address
Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

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Wholesale Florists
CROMWELL, - CONN.
Mention the American Florist when writing.

Spring List **Roses**
Ferns, Plants, Vines, Bulbs, Etc.
THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
BALTIMORE, MD.

NURSERY STOCK for OUTDOOR PLANTING
Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.
Send for list—We sell to the Trade only.
Jackson & Perkins Company
NEWARK, NEW YORK

The Wagner Park Nursery Co.
SIDNEY, OHIO,
—Growers of Choicest—
Nursery Stock, Conservatory and Greenhouse Plants.

Headquarters for
HEDGE PLANTS
I still have on hand a hundred thousand California Privet, 2 to 3 feet and 3 to 4 feet; fine stock at low prices. Also a few thousand Amoor Privet, 1½ to 2 feet and 2 to 3 feet.
Contracts solicited for California Privet, Amoor Privet and Berberis Thunbergii in car lots for fall delivery.
J. T. LOVETT,
Monmouth Nursery
LITTLE SILVER, - N. J.

Hill's Specimen Evergreens For Landscape Planting

THESE trees are all perfect specimens, having good roots owing to frequent transplanting. Always freshly and carefully dug. No extra charge for Ball and Burlap. To satisfy the increasing demand for trees to give quicker results, a large portion of our Nursery is devoted to growing of Specimen Evergreens to be handled with Ball and Burlap. This stock is all grown in wide rows with plenty of room to develop both root and top. Each tree is staked to insure symmetrical growth and at regular intervals throughout the growing season trimming and pruning is done by men of long experience in this line. We keep this stock on the move also, transplanting every two years, as a root system can be developed in no other way, an in Evergreens roots are the basis of success.

Abies Tsuga Canadensis

		Feet.	Each.	10
Hemlock	B&B	2-2½	$1 75	$16.50
Hemlock	B&B	3-4	2.25	20 00
Hemlock	B&B	4-5	3.50	30.00

Abies Concolor

		Feet.	Each.	10
Concolor Fir	B&B	2-3	$2 00	$15.00
Concolor Fir	B&B	3-4	3.00	20.00

Abies Douglasii

		Feet.	Each.	10
Douglas Fir	B&B	2-3	$1.25	$10.00
Douglas Fir	B&B	3-4	1.75	15 00
Douglas Fir	B&B	4-5	2.50	20.00

Abies Veitchii

		Feet.	Each.	10
Japanese Fir	B&B	4-5	$1.50	$12.50

Juniperus Counarti

		Feet.	Each.	10
Green	B&B	3-4	$3.00	$27.50

Juniperus Elegant. Lee

		Feet.	Each.	10
Golden	B&B	2-3	$2 00	$18 50
Golden	B&B	3-4	2.75	25.00

Juniperus Virg. Glauca

		Feet.	Each.	10
Silver	B&B	3-4	$3.25	$30.00
Silver	B&B	4-5	5.00	45.00

Juniperus Japonica Aurea

		Feet.	Each.	10
Bright Golden	B&B	2-3	$1.25	$10.00

Juniperus Pfitzeriana

		Feet.	Each.	10
Blue	B&B	2-3	$1.50	$13 50
Blue	B&B	3-4	1.75	15.00

Juniperus Procumbens

		Feet.	Each.	10
Jap. dwarf	B&B	1½-2	$2 50	$20.00
Jap. dwarf	B&B	2-2½	4.50	40.00

Juniperus Sabina

		Feet.	Each.	10
Savin Juniper	B&B	1½-2	$1.75	$15.00
Savin Juniper	B&B	2-2½	2 00	17.50
Savin Juniper	B&B	2½-3	3 00	22 50

Juniperus Schotti

		Feet.	Each.	10
Dark Green	B&B	3-4	$3.25	$30.00

Juniperus Sinensis

		Feet.	Each.	10
	B&B	3-4	$2.50	$20.00
	B&B	4 5	3.50	30.00

Juniperus Virginiana

		Feet.	Each.	10
Red Cedar	B&B	2-3	$1 50	$12.50
Red Cedar	B&B	3-4	2 25	20.00
Red Cedar	B&B	4-5	3.25	30.00

Picea Alba

		Feet.	Each.	10
White Spruce	B&B	3-4	$2 00	$17.50
White Spruce	B&B	5-6	3.25	30.00

Picea Canadensis

		Feet.	Each.	10
Black Hill Spruce	B&B	2-3	$1.35	$10 00
Black Hill Spruce	B&B	3-4	3.00	27.50
Black Hill Spruce	B&B	4-5	4.00	35.00

Picea Engelmanni

		Feet.	Each.	10
Engelmann Spruce	B&B	2-3	$1.75	$15 00
Engelmann Spruce	B&B	3-4	3.00	27 50

Picea Excelsa

		Feet.	Each.	10
Norway Spruce	B&B	3-4	$1.25	$10.00
Norway Spruce	B&B	4 5	3.00	25.00

Picea Excelsa Inverta

		Feet.	Each.	10
Weeping	B&B	3-4	$2.00	$15.00
Weeping	B&B	4-5	2.25	20 00
Weeping	B&B	5-6	3.00	25.00

Picea Excelsa Pyramidalis

		Feet.	Each.	10
Pyramidal	B&B	3-4	$1.75	$15 00
Pyramidal	B&B	4-5	2.25	20.00
Pyramidal	B&B	5-6	3.00	25.00

The Blue Spruce

Picea Pungens Kosteriana (Grafted Blue Spruce)

		Feet.	Each.	10
Heavy, bushy, compact.	B&B	1-1½	$1 00	$ 9.00
Heavy, bushy, compact.	B&B	2-2½	2 75	25 00
Heavy, bushy, compact.	B&B	2½-3	3 50	30 00
Heavy, bushy, compact.	B&B	3-4	5.00	47.50
Heavy, bushy, compact.	B&B	4-5	7.00	65.00
Heavy, bushy, compact.	B&B	5-6	8.50	75.00
Heavy, bushy, compact.	B&B	6-7	9.50	85.00

Picea Pungens Glauca (Colorado Blue Spruce)

Selects.		Feet.	Each.	10
Heavy, bushy, compact.	B&B	2-3	$2.00	$17 50
Heavy, bushy, compact.	B&B	3-4	2.75	25.00

Picea Pungens Kosteriana Pendula (Weeping Grafted Blue Spruce)

		Feet.	Each.	10
Select blue specimens	B&B	3-4	$4.00	$30 00
Select blue specimens	B&B	4-5	5.00	35.00
Select blue specimens	B&B	5-6	6.00	40.00

Pinus Austriaca

		Feet.	Each.	10
Austrian Pine	B&B	2-3	$1.25	$10.00

Pinus Cembra

		Feet.	Each.	10
Swiss Stone Pine	B&B	2-3	$2.00	$17.50
Swiss Stone Pine	B&B	3-4	3.00	27.50

Pinus Mugho

		Feet.	Each.	10
Dwarf Mt. Pine	B&B	1-1½	.50	$ 8.00
Dwarf Mt. Pine	B&B	1½-2	1.50	13.50
Dwarf Mt. Pine	B&B	2-3	2.25	20.00
Dwarf Mt. Pine	B&B	3-4	5.00	45.00

Pinus Ponderosa

		Feet.	Each.	10
Bull Pine	B&B	3-4	$1.75	$15.00

Pinus Strobus

		Feet.	Each.	10
White Pine	B&B	3-4	$1.35	$12.00
White Pine	B&B	4-5	2.00	17.50
White Pine	B&B	5-6	2.50	22.50
White Pine	B&B	6-7	3.25	30.00
White Pine	B&B	7-8	4.50	40.00
White Pine	B&B	8-9	5.50	52.50
White Pine	B&B	9-10	7.00	67.50
White Pine	B&B	10-12	10.00	95.00
White Pine	B&B	12-15	15.00	125.00
White Pine	B&B	15-18	20.00	175.00

Thuya Occidentalis

		Feet.	Each.	10
Am. Arbor Vitæ	B&B	3-4	$1.50	$12.50

Thuya Pyramidalis

		Feet.	Each.	10
	B&B	3-4	$1.50	$12.50
	B&B	4-5	2.00	17.50

Thuya Douglasii Pyramidalis

		Feet.	Each.	10
	B&B	3-4	$3.50	$30 00
	B&B	4-5	4.00	37.50

Thuya Lutea Peabody

		Feet.	Each.	10
Golden	B&B	2-3	$2.00	$17.50
Golden	B&B	3-4	2.50	20.00

Thuya Wareana

		Feet.	Each.	10
Sib. Ar. Vitæ	B&B	2-2½	$1.75	$15 00
Sib. Ar Vitæ	B&B	2½-3	2.25	20.00

Taxus Cuspidata Brev.

		Feet.	Each.	10
Jap. Yew	B&B	1-1½	$1.50	$12.50
Jap. Yew	B&B	1½-2	2 00	17.50

Boxwood

		Feet.	Each.	10
Pyramidal shaped	B&B	2-2½	$2.25	$20.00
Pyramidal shaped	B&B	3	3.00	25.00
Pyramidal shaped	B&B	4	4.75	42.50

Boxwood Bushes

12 inches	B&B	...	$0.40	$3.50
15 inches	B&B	...	.60	4 50

5 at 10 rates. Hill's specimen stock is grown in wide rows with plenty of room to develop both root and top. Each tree is staked to insure symmetrical growth. Quality is our watchword. B. & B. signifies Ball and Burlap.

Hill's Assortment of Hardy Evergreen Trees.

Suitable for Window Box Planting, Hedges, Cemetery Vases, Lawns, Etc. Order now to pot up or plant out for summer and fall trade.

PRICE LIST.

Variety	Size	10	100
Norway Spruce	12-18 in.	$1.00	$ 3.00
Norway Spruce	18-24 in.	1.50	7.00
American Arbor Vitae	12-18 in.	1.85	7.50
White Pine	12-18 in.	1.50	6.00
White Pine	18-24 in.	2.00	12.00
White Pine	2 3 ft.	2.50	15.00
Douglas Fir	12 18 in.	1.50	9.00
Austrian Pine	6-12 in.	1.25	6.00
Austrian Pine	12 18 in.	1.50	8.00
Scotch Pine	12-18 in.	1.00	5.00
Scotch Pine	18-24 in.	1.25	6.50
Scotch Pine	2-3 ft.	1.50	8.00

Hill's Potted Evergreens.

Hardy Evergreen Trees—Continued.

Variety	Size	10	100
Ponderosa Pine	10-12 in.	$1.00	$5.00
Ponderosa Pine	12-18 in.	1.50	6.00
Jack Pine	12-18 in.	1.00	6.00
Jack Pine	18 24 in.	1.50	8.00
Assorted Vars.	Our selection	1.25	8.00

Rates:—5 at 10 rates: 50 at 100 rates.

Hill's Potted Evergreens

These beautiful little dwarf Evergreens come planted in quaint Japanese pots. See illustration. They are very beautiful for table decoration, center pieces, balconies, terraces, etc., and are not surpassed in delicate grace by any plant. Of easy culture and will thrive in any situation. Price with pot: well assorted kinds, $0.35 each; $3.00 per doz.; $20.00 per 100.

THE D. HILL NURSERY CO., Inc.

Evergreen Specialists. Largest Growers in America. **Box 404, DUNDEE, ILLINOIS**

Carnation Plants From Soil

We have several thousand strong well established plants from soil. These plants are from selected cuttings and most of them are pinched back, having now from three to five breaks. Send in your orders **now** and we will ship at once or wait until you are ready to plant in the field if you so desire.

We have the following varieties from SOIL:

	Per 100	1000		Per 100	1000		Per 100	1000
Enchantress . .	$3.00	$25.00	**Commodore** . .	$3.00	$25.00	**Beacon** . . .	$3.50	$30.00
Mrs. C. W. Ward,	3.00	25.00	**Northport** . . .	3.00	25.00	**Champion** . .	6.50	55.00

For list of rooted cuttings see classified ad.

J. D. THOMPSON CARNATION COMPANY, Joliet, Ill.

Flowering, Decorative and Vegetable Plants

BY THE THOUSAND.

Liberal Extras for Early Orders,

Size of pots.	Per 100	1000
2¼ in. **Abutilons,** Savitzii or 8 varieties mixed.	$2.25	$20 00
2¼ in. **Ageratums,** white, light and dark blue	2.25	20.00
2¼ in. **Alyssum,** Large Giant or Little Gem	2.00	18.00
2½ in. **Asp. Plumosus** or **Hatcheri**	3 00	25 00
4 in. **Asp. Plumosus** or **Hatcheri**	7.50	70 00
2½ in. **Asp. Sprengeri,** large plants	2.50	22.50
4 in. **Asp. Sprengeri,** large plants	6 50	60.00
3½ in. **Begonia,** flowering, 8 lead'g vars	10.00	90.00
3 and 3½ in. **Cannas,** King Humbert	5.00	45.00
3 and 3½ in. **Cannas,** Brandywine. Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in. **Centaurea,** Dusty Miller	2.25	20.00
2½ in. **Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed	2.50	22.50
2½ in. **Cupheas,** Cigar Plants	2.25	20.00
Dracaena Indivisa, 4, 5, 6 in. $10.00, $20.00 and $25.00 per 100.		
2¼ in. **Fuchsias,** dbl. and sgl., 12 vars.	2.75	25.00
4 in. **Fuchsias,** dbl. and sgl., 12 vars.	7.50	70.00
Funkia, variegated clumps	5.00	45.00
2¼ in. **Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc.	2.25	20.00
3½ and 4 in. **Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc.	7.00	65.00
2¼ in. **Heliotropes,** white, light and dark blue	2.75	25.00
4 in. **Heliotropes,** white, light and dark blue	7.50	70.00
4 in. **Lantanas,** 6 vars	7.00	65.00
2½ in. **Marguerites,** white, yellow and Mrs. Saunders	2.50	22.50
Pansy Plants, transplanted, choice varieties, in bloom	1.25	10.00
2¼ in. **Petunias,** sgl., mixed vars	2.50	22.50
2¼ in. **Petunias,** dbl., 12 vars., mixed	3.00	25.00
3½ in. **Petunias,** dbl., 15 vars., mixed	6.50	60.00
Rudbeckias, Golden Glow	3.00	25.00
2½ in. **Salvias,** Bonfire and Splendens.	2.50	22.50
3 in. **Salvias,** Bonfire and Splendens.	5.00	45.00
2½ in. **Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00
2½ in. **Vincas,** variegated and green, fine stock	3.50	30.00
4 in. **Vincas,** variegated and green, fine stock	7.00	65.00

Golden-leaved Privet OVALIFOLIUM aurea. Excellent for filling urns and porch boxes. From 6-in. pots, 18 to 24 in. high, very bushy. 35c each; 4-in. pot plants 15 in. high 15c each. Young plants for potting, $6.00 per 100.

Vegetable Plants by the Million.

g Boston and Grand Rapids **Lettuce Plants**, $1.50 per 100.
abbage, Early Winningstadt, Wakefield, Henderson Early, Summer etc., $2.50 per 1000.
Cauliflower Plants, Early Paris and Snowball, $5.00 per 1000.
Tomato Plants, Earliana, Jewel, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2 25 per 1000.
Pepper, Egg Plants, Sweet Potatoes, Etc.

—Correspondence solicited.—

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

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VAUGHAN'S ROSES

Why not place that order now for your present need and future wants? GET THE HABIT. We will do the rest.

			Per 1000
Hoosier Beauty,	**grafted,**	**2½ inch**	**$300.00**
Russell,	"	"	**125.00**
Sunburst,	"	"	**100.00**
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Hadley,	"	"	**120.00**
Milady,	"	"	**110 00**
Mrs. Geo. Shawyer,	"	"	**110.00**
Aaron Ward,	"	"	**110.00**
Killarney.	"	"	**110.00**
White Killarney,	"	"	**110.00**
Killarney Brilliant,	"	"	**110 00**
Richmond,	"	"	**110.00**
SUNBURST, the King of Yellow Roses, Own Root			**90.00**

Special attention given on 3 inch and 4 inch stock for forward delivery.

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Greenhouses, Western Springs, Ill.

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

500,000 'Mum Cuttings

Some ready now. Chadwick Improved, $3.00 per 100; $25 00 per 1000. Chrysolora, Major Bonnaffon, Yellow Eaton, Chas Razer, Lynwood Hall and Dr. Enguehard, $2.00 per 100; $15.00 per 1000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12.00 per 1000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100, 250 at 1000 rate.

Orders booked now for future delivery.
Ask for prices on large amounts.

Morris Floral Co., Morris, Ill.

A Few Good Things You Want.

Asparagus Plumosus, 2 in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $15.00; 5-in., $25.00 per 100.
Rex Begonia. 2¼-in., $5.00 per 100.
Vinca Var., 2 in. $2.00 per 100.
Salvia Zurich, Mme Salleroi Geranium, Heliotrope, Cigar Plant; Coleus Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

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LaFayette, - - Indiana

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10 CENTS PER LINE, NET.

ALTERNANTHERAS.

STRONG, WELL-ROOTED CUTTINGS.

	Per 100.	Per 1000.
P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

DAVIS FLORAL CO., DAVENPORT, IA.

Alternantheras, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Alternantheras, red and yellow, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, fine stock, Robusta compacta, large plants, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri, 2¼-in., $2.50 per 100; $22 per 1,000; 3-in., $5 per 100; $48 per 1,000; 4-in., $10 per 100; $80 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

Asparagus plumosus, 2-year-old from bench, $3 per 100; $25 per 1,000. Geo. Reinberg, 162 N. Wabash Ave., Chicago.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

ASTERS

ASTERS, Henderson's Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, $5 per 1,000. Thinly sown seedlings ready to set out, $3 per 1,000. Semple's Branching in four colors, $3 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

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Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEDDING PLANTS.

Bedding plants: Alternantheras, alyssum, ageratum, begonias, Cobæa scandens, coleus, caladiums, dusty miller, Dracæna indivisa, geraniums, rose geraniums, pansy geraniums, heliotrope, English ivy, German ivy, lobelias, marguerites, marigolds, pansies, primulas, phlox, petunias, ricinus, salvias, smilax, torenia, Vincas, verbenas, Wandering Jew. For prices see double page advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding plants: Ageratums, alyssum, asparagus, begonias, cannas, centaureas, coleus, cupheas, dracænas, fuchsias, funkias, geraniums, heliotropes, lantanas, marguerites, pansy plants, petunias, rudbeckias, salvias, verbenas, Vincas. For varieties and prices see advertisement elsewhere in this issue. Alonzo J. Bryan, Washington, New Jersey.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIAS, single tuberous begonias, separate colors, red, white, pink, yellow; one-inch diameter; fine condition. Will make beautiful pot plants for summer sales. Speak quick if you want them. Price $1 per 100, postpaid. THE TEMPLIN-CROCKETT-BRADLEY CO., Sta. A, Cleveland, O.

Begonia Glory of Cincinnati, $18 per 100, net. J. A. Peterson & Sons, Westwood, Cincinnati, O.

BOXWOOD.

Boxwoods—Bushes: 10-inch, 25c each; $3 per doz.; 12-inch, 30c each; $3.60 per doz.; 12-inch, extra heavy, 10 ins. wide, 40c each; $4.80 per doz.; 15-inch, 50c each; $6 per doz.; 18-inch, $1 each; 24-inch, $1.25 each; 2½ ft., $3 each; 3½ ft., $6 each. Pyramids: 30-inch, $2 each; 36-inch, $3 each; 3½ ft., $3.50 each; 4 ft., $4 each; 5 ft., $6 each; 6 ft., $12 each. Standards: 2 ft. stem, 12-15-inch Crown, $2 each; 2 ft., 18-24-inch Crown, $3 each. Globe: 12-inch, $1.75 each; 15-inch, $3 each; 18-inch, $5 each; 24-inch, $6 each. Standard globes, 16-inch, heads, $3 each. THE GEO. WITTBOLD CO., 737 Buckingham Place, Chicago.

BOXWOOD, Pyramids and Bush Form. Nice heavy bushes, 8 to 10 ins., $1.75 per dozen; 10 to 12 ins., $2.50 per dozen; 12 to 15 ins., $3.50 per dozen; 15 to 18 ins., $5 per dozen. Pyramids: 2 to 2½ ft., $1 each; $10 per dozen; 2½ to 3 ft., $1.50 each; $16.50 per dozen; 3 to 3½ ft., $2 each. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Boxwood, fine well shaped plants. Can be furnished with tubs if desired. Bush shaped: 12-inch, 40c each; $4.25 per doz.; 18-inch, 65c each; $7 per doz. Pyramids, 3 foot high, $2.50 each; $4.50 per pair; 3½ ft., $3.50 each; $6 per pair. A. Henderson & Co., 369 River St., Chicago.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

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Bulbs, cold storage lilies: Giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

FISHER'S PURITY FREESIA BULBS. Large stock; prices right. Place your orders now. CURRIER BULB CO., P. O. Box 102, Seabright, Calif.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, amaryllis, tuberous begonias, caladiums, dahlias, gladiolus, lilies, cannas, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CALCEOLARIAS.

Calceolaria grandiflora pumila compacta, robusta and Jams'; 4-inch, 15c. Fine stock. Cash please. Toledo Greenhouses, 2829 Chestnut St., Toledo, O.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000: King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, 3-inch, large plants, King Humbert, F. Vaughan, Wallace, Kate Gray and Express, $5 per 100. Cash, please. Harry Heinl, West Toledo, Ohio.

Cannas, assorted varieties, 3-inch, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Vaughan's Firebird (Oiseau De Feu), 3-in., $6.50 per doz.; 25 for $12.50. King Humbert and all other cannas. Vaughan's Seed Store, Chicago and New York.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Cannas, 10 vars., 3 and 4-in. pots, $3.50 per 100; King Humbert, $5 per 100. Jos. H. Cunningham, Delaware, Ohio.

CARNATIONS.

We have the following varieties in extra strong stock for IMMEDIATE DELIVERY:

	Per 100.	Per 1,000
Matchless (white)	$6.00	$50.00
White Wonder	3.00	25.00
White Enchantress	2.50	20.00
Shasta (white)	2.50	20.00
Rose Pink Enchantress	2.50	20.00
Philadelphia (light pink)	6.00	50.00
Mrs. C. W. Ward (pink)	2.50	20.00
Northport (dark pink)	2.50	20.00
Peerless Pink (dark pink)	6.00	50.00
Enchantress	2.50	20.00
Champion (scarlet)	6.00	50.00
Beacon (scarlet)	3.00	25.00
Commodore	2.50	20.00
Conquest (variegated)	2.50	20.00

J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

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56 East Randolph St. Chicago, Ill.

STOP! LOOK! READ!

For immediate delivery.

FINE CARNATIONS FROM SOIL.

	100.	1,000.
Victory, 2,000	$3.00	$25.00
Perfection, 1,500	3.00	25.00
Philadelphia Pink, 500	5.00	40.00
Afterglow, dk. " 3,000	4.00	30.00

J. A. BUDLONG,
82-84 E. Randolph street, Chicago.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY,
MADISON, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CARNATIONS.

Carnations, Alice, Good Cheer, Pink Sensation, $12 per 100; $100 per 1,000. Champion, Matchless, $6 per 100; $50 per 1,000. Enchantress, Gloriosa, Rosette, White Enchantress, White Wonder, $3 per 100; $25 per 1,000. Herald, Philadelphia. $4 per 100; $35 per 1,000. Vaughan's Seed Store, Chicago and New York.

Carnations, Ward, White and Light Pink Enchantress, strong 2-inch pot plants, $2.50 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO., JOLIET, ILL.

Chrysanthemums, Chadwick Improved, $3 per 100; $25 per 1,000. Chrysolora, Bonnaffon, Yellow Eaton, Chas. Razer, Lynwood Hall and Dr. Enguehard, $2 per 100; $15 per 1,000. Oct. Frost and Robt. Halliday, $1.50 per 100; $12 per 1,000. Pompons, Baby, Baby Margaret, Mrs. F. Beu and Diana, $1.50 per 100; 250 at 1,000 rates. Morris Floral Co., Morris, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. The best cut flower varieties that grow. Send for a complete list, pot plants, $2 per 100; rooted cuttings, $1.25 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemums, rooted cuttings, Golden Glow, Oct. Frost, Mrs. G. Kalb, Mrs. Weeks and Minnie Bailey at $1 per 100. WM. SCHWAN & SON, Fredonia, N. Y.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, the best bedding kinds that grow, including Firebrand, Golden Bedder, Verschaffeltii, Trailing Queen and 10 other varieties; strong 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Coleus, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Coleus, Trailing Queen, rooted cuttings, 60c per 100, prepaid. D. W. Leatherman, Anderson, Ind.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, Golden Bedder, Verschaffeltii and others, 2½-inch, 3c. Fine plants. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $6 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for present delivery, thrifty young plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

Dahlias for sale cheap to close out; whole field clumps; true to name. Send for list. George Popp, Jr., Fort Recovery, Ohio.

DRACAENAS.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $15; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EVERGREENS.

EVERGREEN SEEDLINGS.

Try some of these strong, well-rooted, American grown Evergreens seedlings for lining out—they are sure to please you.

	Size inch	100	1,000
Abies Balsamea (Balsam Fir)	4-8	$1.00	$5.00
Abies Concolor (Concolor Fir)	3-6	1.25	8.00
Abies Concolor (Concolor Fir)	6-12	1.65	9.00
Abies Douglassi (Douglas Fir)	3-6	1.00	4.00
Abies Douglassi (Douglas Fir)	4-8	1.25	5.00
Larix Europea (European Larch)	12-18	1.00	4.50
Picea Alba (White Spruce)	4-8	1.50	8.00
Picea Canadensis (Black Hill Spruce)	3-6	1.50	7.00
Picea Englemanni (Engleman Spruce)	3-4	1.50	4.00
Picea Englemanni (Engleman Spruce)	3-6	2.00	8.00
Picea Excelsa (Norway Spruce)	4-8	1.25	3.50
Picea Pungen (Colo. Blue Spruce)	4-6	1.50	5.00
Picea Orientalis (Oriental Spruce)	3-6	1.00	5.00
Pinus Austriaca (Austrian Pine)	6-10	1.25	5.00
Pinus Banksiana (Jack Pine)	3-6	1.00	2.50
Pinus Banksiana (Jack Pine)	6-12	1.25	5.00
Pinus Flexilis (Limber Pine)	4-8	1.00	4.00
Pinus Mugho (Dwarf Mt. Pine)	4-6	1.00	4.50
Pinus Ponderosa (Bull Pine)	3-6	1.00	3.00
Pinus Ponderosa (Bull Pine)	3-6	1.50	6.00
Pinus Resinosa (Norway Pine)	3-5	1.00	5.50
Pinus Strobus (White Pine)	2-5	1.00	4.00
Pinus Strobus (White Pine)	4-8	1.25	5.00
Pinus Sylvestris (Scotch Pine)	3-6	1.00	3.00
Pinus Sylvestris (Scotch Pine)	6-12	1.25	4.00
Pinus Sylvestris (Scotch Pine)	10-20	1.50	5.00
Thuya Occidentalis (Am. Arbor Vitae)	3-6	1.00	7.00
Thuya Orientalis (Chinese Arbor Vitae)	2-5	1.00	4.50

Terms—net, cash with order, or satisfactory references.

50 at 100 rates; 500 at 1,000 rates.

THE D. HILL NURSERY CO., INC., EVERGREEN SPECIALISTS, Box 404, Dundee, Illinois.

FERNS.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-in., fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

Geraniums, S. A. Nutt, 3-inch, 5c. S. A. Nutt, Buchner, White, Ricard, Beaute Poitevine, 3½-inch, 6c; 4-inch, 7c to 8c. Jean Viaud, 3½-inch, 7c; 4-inch, 8c. All fine stocky plants in bud and bloom. Cash with order. Gus. Schlegel, Olney, Ill.

Geraniums, S. A. Nutt, $10 per 1000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt and 5 varieties, 2½-in., $3 per 100; 3-in., $4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12½ each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

GLADIOLUS.

LAST CALL—5,000 America, first, fine young bulbs, $6 per 1,000; second size, $5; third size, $4. Mrs. King, $1 per thousand more. Planting stock of both at low prices. All homegrown. Also 3,000 Augusta, $12. Brenchleyensis, $9. Blue Hybrids, 3rd size, $10. Baron Hulot, $2 per 100. Glory of Holland, $3 per 100. Others at prices on application. Terms, cash with order. GEO. S. WOODRUFF, Independence, Iowa.

Gladiolus, America, $1.40 per 100; $12 per 1,000. Augusta, $1.60 per 100; $14 per 1,000. Francis King, $1.60 per 100; $14 per 1,000. Princeps, $1.60 per 100; $14 per 1,000. Panama, $4.50 per 100; $40 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Gladiolus, Mrs. Francis King, 1st size, above 1½-in., $9 per 1,000; regular blooming size, nearly 1½-in., $7 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, long leucothoe, $2 per 1,000; medium, $1.50; short, 75c. Ferns, fancy and dagger, 75c per 1,000, or $3.25 per case of 5,000. Galax, bronze and green, 45c per 1,000, or $3.75 per case of 10,000. Hampton & Perkins, Roan Mountain, Tenn.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild slimax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HARDY SHRUBS

Hardy Shrubbery, two-year-old dormant field-grown. Fine stock for lining out.

	Per 100
ALTHEA, Dbl. red and white	$ 3.00
CYDONIA, Scarlet Japan Quince	2.00
FORSYTHIA, "Golden Bells"	2.00
LILAC, common purple	2.00
MOCK ORANGE, Grandiflora	2.50
SNOWBERRY, Symphoricarpus	2.00
CALYCANTHUS, sweet shrub, 1-yr.	1.50
Purple Fringe RHUS COTINUS, 1-yr.	1.50

Cash with order, please.

THE TEMPLIN-CROCKETT-BRADLEY CO., Sta. A, Cleveland, O.

HELIOTROPE.

HELIOTROPE, R. C. Centefleur, Picciola, Poitevine, Diadem, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

IVIES.

Ivy, German and English, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

GERMAN IVY, R. C., 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

ENGLISH IVY, extra strong R. C., 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

English Ivy, 4-in., 2 to 4 leads, $8 per 100. Cash, please. Harry Heinl, West Toledo, O.

LANTANAS.

LANTANAS, 2-inch, 6 varieties, 3c. MEMPHIS FLORAL CO., Memphis, Tenn.

LEMONS.

Lemon Verbenas, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert. Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

LILY OF THE VALLEY.

From Storage.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

MOONVINES.

Moonvines, large flowering, fine stock, 2½-inch, 3½c. Cash with order. Gus. Schlegel, Olney, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Hardy climbers: Ampelopsis, aristolochias, bignonias, clematis, honeysuckles, hardy ivies, hardy jasmines, Polygonum. Auberti, Kudsu Vine, climbing hydrangeas, Wistarias, Vitis, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Nursery stock for outdoor planting. Roses, clematis, shrubs, vines, perennials, shade trees. Send for list. We sell to the trade only. Jackson & Perkins Company, Newark, New York.

Hardy Shrubs; hardy azaleas, andromeda, new buddleias, hydrangeas, Japanese maples, rhododendrons, altheas, deutzias, philadelphus, Spireas, Viburnums, Weigelias, etc. Henry A. Dreer, 714-716 Chestnut St., Philadlphia, Pa.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Balmoreana. McHutchison & Co., 17 Murray St., New York.

PALMS.

KENTIA BELMOREANA.
Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$ 0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7.	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28 ..	$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs. 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.
POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c; 6-in., $1.25 to $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

PANSIES—225,000 large, stocky (September transplanted), field-grown, blooming pansy plants. Henry Mette's Strain, all salable stock. Satisfaction guaranteed. $1 per 100; $10 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

Pansy plants, giant flowering, transplanted, $1 per 100. Jos. H. Cunningham, Delaware, Ohio.

Lily of the valley for June weddings, special from cold storage, $13 per 1,000; $7 for 500; $4 for 250; $32 per case of 2,500. H. N. Bruns, 3032 Madison St., Chicago.

PANSY PLANTS—Mammoth varieties, all shades and colors imaginable. Strong plants in bloom, delivered to you, all charges prepaid, Doz., 25c; 100, $1.75; 1,000, $15. Plant catalog free. GLICK SEED AND PLANT FARM, Smoketown, Pa.

PANSY PLANTS from cold frame coming in bud and bloom. From Danish seed, $1 per 100. Cash, please. EDGAR EASTERDAY, Nokomis, Ill.

PEONIES.

Peonies, 3 to 5 eye roots, Felix Crouse, Festiva Maxima, M. Jules Ell, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

Primula Veris, 2¼-in., in bloom, $2.50 per 100; Shasta daisy, 2¼-in., $2.50 per 100; Coreopsis, 2¼-in., $2.50 per 100; Phlox, 2½-in., $4 per 100; Aquilegia, California hybrids, $3 per 100; Delphinium, Chinese, $2.50 per 100; Delphinium Bella Donna, Gold Medal, $3 per 100; Pinks, $3 per 100; Napoleon III, Carnation, $4 per 100; Lychnis Chalcedonica, $3 per 100; Oriental Poppy, hybrids and red, in pots, $3 per 100. Hollyhocks, separate colors, double, and hollyhocks, mixed single, $2 per 100; Digitalis, strong, August sown plants, $1.50 per 100; Sweet Williams, clumps, $4 per 100; Shasta daisies, Tritomas, Campanulas, Baby Breath, Pentstemon, Asters, strong August sown plants, $1.50 per 100; Anthemis Daisy, clumps, $4 per 100; Coreopsis, clumps, $4 per 100; Phlox, clumps, $4 per 100. Cash please. ERNEST ROBER, Wilmette, Ill.

Hardy perennials, field clumps; new anchusas, Anemone Japonica, aquilegias, hardy asters, hardy chrysanthemums, delphiniums, digitalis, hardy ferns, funkias, hardy grasses, double gypsophila, heleniums, helianthus, giant hibiscus or mallows, Iris Germanica, Kæmpferi, poppies, pentstemons, peonies, hardy phlox, new Phlox Arendsi, hardy pinks, primulas, dbl. and single pyrethrums, salvias, saxifraga, scabiosa, spireas, stokesia, trollius, tritomas, Veronicas, Violas, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PETUNIAS.

Petunias, dbl. and single, 2-in., $2 per 100; $18.50 per 1,000; 3-in., $3 per 100; $25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Petunias, 2½-in., 12 vars., $3 per 100; $25 per 1,000. Alonzo J. Bryan, Washington, N. J.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small	$4.00 per 100
1-year, medium	6.00 per 100
1-year, strong	8.00 per 100
1-year, extra strong	10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery.
ERNEST ROBER, WILMETTE, ILL.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

200,000 CALIFORNIA PRIVET all sizes, 12 to 18, 18 to 24, 24 to 30, at $12, $15 and $20 per 1,000; fine stock. 50,000 SHRUBS and VINES low. Get trade list. 1,000,000 frost proof cabbage plants now ready. BENJ. CONNELL, Florist, Merchantville, N. J.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

Rhododendron Catawbiense — Extra heavy bushy stock, full of buds, 2 to 2½ ft., fine, $1 each; $10 per dozen; 2½ to 3 ft., specimens, $1.50 to $2 each. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ROSES.

GRAFTED PLANTS.

Choice young stock in large 2½-inch pots ready to shift into 4-inch or plant direct in the benches and all grafted on selected English manetti:

OPHELIA, per 100	$12.00
WHITE KILLARNEY, per 100	10.00
PINK KILLARNEY, per 100	10.00
RICHMOND, per 100	10.00
BULGARIA, per 100	9.00

BENCH PLANTS.

We are now replanting and can offer good two-year-old stock fresh dug every few days, Beauties, Pink and White Killarney and Bulgaria at $5 per 100. The Bulgaria makes the best outdoor rose of any greenhouse variety. All plants shipped from Hinsdale.

BASSETT & WASHBURN,
131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

ROSES.
Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY.
MADISON. NEW JERSEY.

Roses for out-door planting. Two-year-old plants, potted up into 5 and 6-inch pots during the winter months. Over 200 varieties in hybrid teas, hybrid perpetual, moss, rugosa, Wichuriana, Rambler, Baby Rambler, Pernetiana and tea. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	8.00	75.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00
BENCH PLANTS.		
American Beauty	$6.00	$50.00
Richmond	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO

Roses, 2½-inch: White Killarney, Pink Killarney, Mrs. Aaron Ward, Maryland, $4 per 100; $35 per 1,000; Richmond, $3 per 100; $25 per 1,000. 3½-inch: Mrs. Aaron Ward, Sunburst, $6 per 100; $50 per 1,000. Bench plants: Killarney, Richmond, Ward, $6 per 100; $50 per 1,000. - Peter Reinberg, 30 E. Randolph St., Chicago.

Richmond, White Killarney, Pink Killarney, Radiance, A-1 stock, 2¼-in., $35 per 1,000. L. B. CODDINGTON, Murray Hill, N. J.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, R. C., Zurich, Bonfire, Chretien, Lord Fauntleroy, Silver Spot, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

SALVIA BONFIRE, strong seedlings, 50c per 100; $4.50 per 1,000; prepaid. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Salvias, Bonfire and Splendens, fine stock, 2¼-inch, 2½c. Cash with order. Gus Schlegel, Olney, Ill.

Salvias, four best bedding kinds, 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

SEEDS.

Seeds, Asparagus plumosus nanus, northern greenhouse grown, 1,000 seeds, $3; 3,000 to 5,000 seeds, $2.75 per 1,000; 6,000 to 10,000 seeds, $2.50 per 1,000. Vaughan's Seed Store, Chicago and New York.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

SEEDS.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

Fall bearing STRAWBERRIES, Superb and Progressive, $1.50 per 100; postpaid. Cash. GEO. H. SCHENCK, Elsie, Mich.

VEGETABLE PLANTS.

Vegetable plants, Big Boston, Grand Rapids lettuce plants, $1.50 per 100. Cabbage: Early Winningstadt, Wakefield, Henderson Early Summer, etc., $2.50 per 1,000. Cauliflower: Early Paris, Snowball, $5 per 1,000. Tomato: Earliana, Jewell, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2.25 per 1,000. Pepper, egg plant, sweet potato, etc. Alonzo J. Bryan, Washington, New Jersey.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready April 15, $2.50 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

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Verbenas, mammoth, good 2¼-inch plants, 2c. Cash with order. Gus Schlegel, Olney, Ill.

VINCAS.

Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heinl, West Toledo, O.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca var., 4-in. pots, $10 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

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Quote best price planting stock cannas and dahlias; named varieties, per 5,000; immediate delivery. Fred M. Sargent, La Grange, Ill.

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Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.

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Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

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Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

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The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Sterling Iron Reservoir Vases. Place your orders early. The Sterling Grinding Wheel Co., Tiffin, Ohio.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers, bone beal; sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whildin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

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500 Letterheads (ruled or plain) and 500 Envelopes, only $2. Printing for Florists a specialty. Satisfaction guaranteed. GLENN H. SNOW, Camden, New York.

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Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

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Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

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It may be to your interest to build now while the prices are low yet. Write us for sketches and estimates and let us prove to you that you can erect first class, up-to-date houses without paying a price so high that the interest on the outlay would consume too large a part of your returns.

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MADE OF CAST IRON

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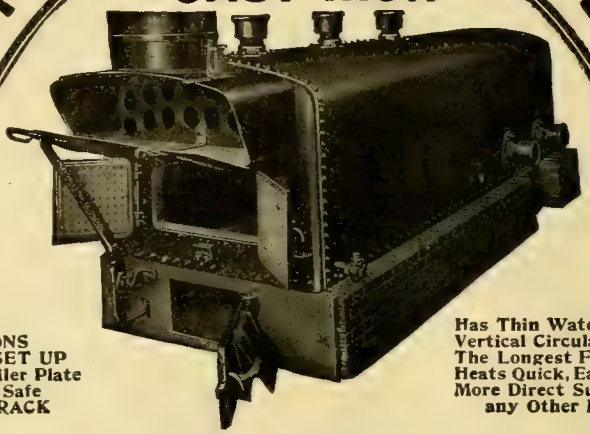

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Points the way to economy of fuel.

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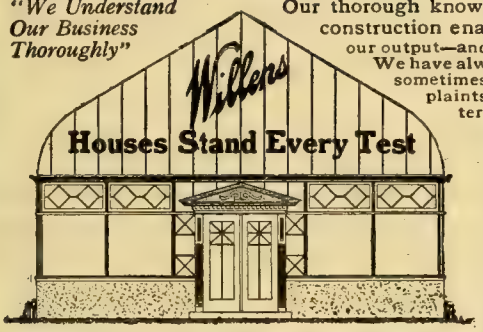

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I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

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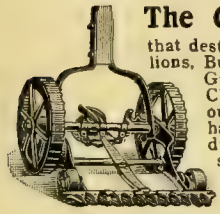

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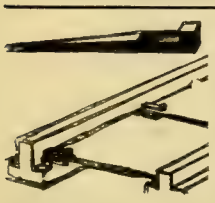

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1500	2¼	"	5.25	210	5½	"	3.78
1500	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
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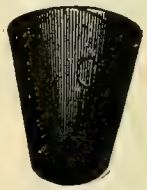

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Florist Specialties.

New Brand, New Style, Hose "RIVERTON"

Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST

¾-inch	per ft.,	15 c
Reel of 500 ft.	"	14½c
2 Reels, 1000 ft..	"	14 c
½-inch	"	13 c
Reels, 500 ft.,	"	12½c

Couplings furnished.

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Manufacturers of

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288 sheet can.....$7.50
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The Insecticide that kills plant Lice of every species

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A soil sterilizer for cut, eel, wire and angle worms.
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A scalicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.
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Quart, $1.50. Gallon, $4.50.

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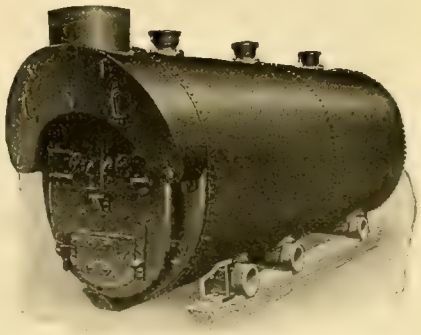

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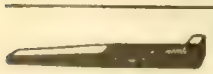

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Vol. XLIV. **CHICAGO AND NEW YORK, MAY 8, 1915.** **No. 1405**

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AN AD.

IN THE

Memorial Day

Number

To Be Issued May 15

will bring you your share of the Decoration Day business. It is always best to mail copy early. If you wish we will fix up the Ad for you without any additional cost. Tell us what you want to advertise; we will do the rest. To reach all the best buyers at all times always be sure that your Ad appears in THE AMERICAN FLORIST. Mail copy to

AMERICAN FLORIST CO.

440 S. Dearborn St, CHICAGO

Lawn and Garden Vases

Adorn the Home Grounds.

One of the most effective additions to the decorations of the ground and lawn about the residence is the vase of growing plants. These are to be had in a great variety of forms and sizes, constructed of various materials from wood, iron and terra cotta to the indestructible cement, these latter having come much into vogue the past few years. A handsome vase and pedestal is an investment, as with care it will last a long time. Placed on the lawn in a well chosen position, as at the head of an embankment, either side of a landing of rising steps, in the center of small grass plots, in place of a flower bed which has been deemed too low, and used in many other ways, it is always a striking feature.

In many country yards the vase is very primitive, being made of an old lard tub, or other like wooden receptacle, elevated on a post, and are generally painted red or green. Plants in them appear to grow and bloom very well. The great majority, however, are more pretentious, the terra cotta, cement and iron vases being most favored on account of their durability and beautiful design. Many iron vases have a reservoir in the bottom, connected with the soil by tubes with sponges, through which the water is taken up by capillary attraction. This works well in dry weather, but is apt to become water logged in very wet times. A well drained vase, if watered frequently, appears to do the best, but they require a lot of attention during dry spells.

The plants best suited for the vase depend much on its situation. For bright sunlight, nothing is so effective as geraniums; generally a center plant is used, the most popular being Dracæna indivisa, with its numerous narrow leathery but graceful leaves. Dracæna terminalis is striking, with its brilliant red foliage. Palms are often used, and sometimes dwarf cannas, which, when the vase is large enough, are very suitable. Crotons, with their brilliant colored foliage, are very rich and striking. Pandanus Veitchii is another plant that does splendidly in the full sunlight. All geraniums, generally one color to a vase, give the most showy results, particularly with a border of the pendant ivy geraniums. Vines of the variegated periwinkle, Nasturtiums, with their showy blossoms and long pendant vines, are good border plants.

When the situation is shady, a vase filled with ornamental foliage is desirable and at the same time very decorative, with a pandanus, palm or well colored dracænas for the center, Scotti and other types of the Boston fern around, together with a border of periwinkle or Asparagus Sprengeri, there is produced a splendid picture, and one that will remain beautiful the entire season. The tuberous rooted begonias, with their gorgeously colored blossoms, will do well in partial shade and flower continuously the entire summer. While immediate effect is desirable, yet planting that is not so showy at first, but which will improve as the season advances, is best. Small plants of Scottii or Boston fern near the edge are sure to be effective with their graceful fronds, which round out and give symmetry as they grow.

The vase is particularly adapted to furnish and decorate a small space, such as a cemetery lot. With the florists who cater to this kind of trade, filling vases for the cemetery is an important item, and much thought and attention is given to the work. Houses of plants best suited for the purpose are grown and timed to be at their best for the middle of May; then for three weeks the force is kept busy filling vases, which must be in position in their respective lots before May 30—Memorial day. For these vases, Dracæna indivisa is the center plant. Crotons are largely used, as is acalypha, Sanchezia nobilis, with its beautiful, golden veined leaves. Geraniums of all colors furnish the flowers. For vines, glechoma, Abutilon vexillarium, vincas, variegated and green, tradescantias, Asparagus Sprengeri and ivy leaved geraniums.

Good, rich soil is an important matter; where so many plants are crowded

together they should be provided with plenty of stimulant. A generous quantity of bone meal, mixed with the soil, is a great help as it will last a long time. When planted, the earth should be firmed well about the roots of each plant, and a small space left to hold the water; this soil will soon settle to leave more room. This matter of watering is very important, as if once allowed to become very dry, the plants are quite some time getting into a normal condition. Evening is the best time to water, the soil and plants absorbing the whole amount applied.

The florist who has room, will find a stock of ornamental vases very desirable. Samples, or a small line, with the beautiful illustrated catalogues issued by the manufacturers to show the full assortment, will enable one to do a large business at little risk or expense. A line of the vitrified clay pots for individual plants, such as boxwood, bay trees, hydrangeas and the like for doorway or terrace decoration is very good stock. They are not expensive and are becoming very popular.

The firms making a specialty of garden and lawn vases are the McDonald Foundry, Columbus, O.; The Sterling Grinding Wheel Co., Tiffin, O., and Walbridge & Co., Buffalo, N. Y.

Forsythias.

A year ago the flower buds on many of these plants had been destroyed by the severe cold of the previous winter; now they are all blooming as freely as usual. The handsomest of these plants at this time is a hybrid between two of these species, Forsythia suspensa Fortunei and F. viridissima, known as F. intermedia. There are several forms of this hybrid. The one called F. intermedia primulina, with pale canary yellow flowers, a seedling which sprang up spontaneously in the Arboretum a few years ago, is one of the most beautiful of these hybrid forms. F. europaea, a vigorous hardy plant, with erect branches, is perhaps less beautiful in flower than the Chinese species, but is interesting as an European representative of a genus otherwise confined to China and Korea. There is a collection of Forsythias in the shrub collection, a large mass of them at the lower end of the Bussey Hill road. — Arnold Arboretum Bulletin, April 28, 1915.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Stein's Flower Shop, San Francisco, Calif.

The illustrations herewith show Albert O. Stein's Flower Shop, 1150 Sutter street, San Francisco, Calif., at Easter. This is said to be one of the largest flower shops in the country, having a frontage of 45 feet, depth 129 feet. It is very daintily equipped throughout. The interior view shows only a corner of the shop with some particularly fine specimens of ericas in the foreground.

Mothers' Day An Opportunity.

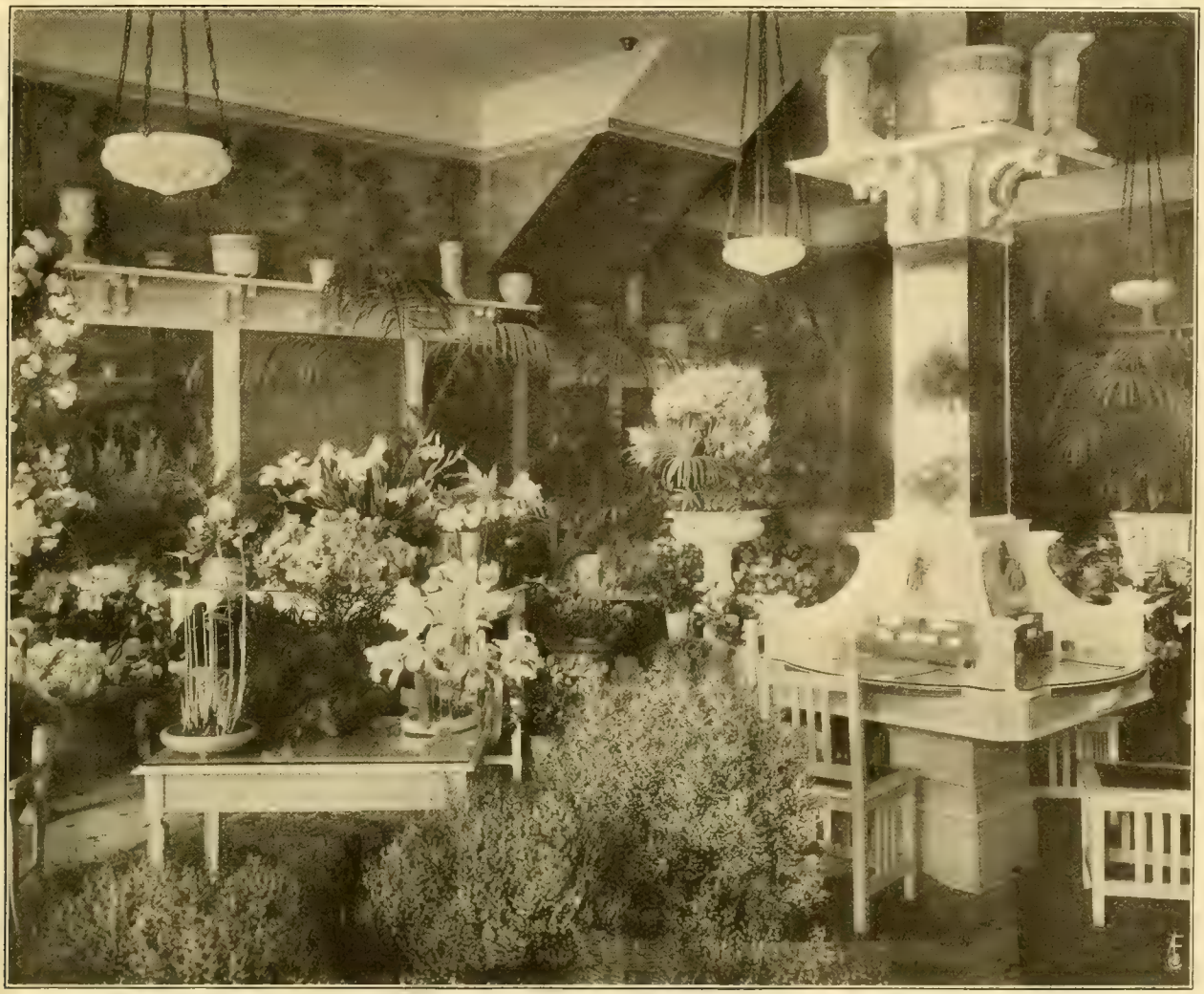
The greatest floral holiday of the year unquestionably is Easter. Much of the Dutch bulbous stock, Japanese longiflorums, nearly all the azaleas, rambler roses, hydrangeas and a host of other plants, are grown expressly for sale at Easter. If all goes well, Easter week is when the grower cashes in. He gets his money for three or more months' hard work, counts up his profits and plans for the next season's campaign. What is the underlying sentiment that has created this great demand and provided such a market for the products of the greenhouse? How did it come about? It originated and grew out of the use of plants and flowers in the decorations of the Catholic and Episcopal churches for Easter.

In 1876 there was no thought of exchanging floral gifts; this beautiful custom grew gradually, beginning a year or two later, but did not become general or amount to anything as a factor for some years after that. There was no particular sentiment that prompted the giving, except that of wishing one a happy Easter. It was a nice thing to do; the recipient would enjoy it. The plant was beautiful and served to carry a message of love and good wishes; that was all, yet on this comparatively slight foundation has been built up the great Easter demand that has grown so wonderfully and means so much to the trade.

To my mind the possibilities of "Mothers' day" as a floral holiday is far greater than that of Easter, because of the underlying sentiment. The sacredness of a mother's love, or of one's love for their mother. It is personal with everyone; it is the best mother on earth—their mother, that is to be honored. If she has passed away, her sweet memory is revered, if still living, the privilege is the greater, as she will highly prize such thoughts of love and devotion. With this sentiment to build on, which affects everyone, not just a comparative few who go to make up the buyers at Easter, but every living man, woman and child, they all feel and have that great love for their mother, that sacred woman who bore them and guarded their first feeble footsteps, and whose every thought was for their guidance and comfort all through life. If the observance of the day grew so that every person wore only one flower, there would not now be enough to go around. This, however, would be a small recognition, there are so many who could afford to have what their love would prompt them to send; a visit to the grave in the cemetery would mean a floral token or spray of more or less value. I believe it is quite possible to bring the custom up to an observance such as this. What an opening it would be for all branches of the trade.

The way to bring it about is for the entire trade to unite in an educational effort to exploit the day. The work of the retail florists who have banded together in a few of the larger cities, has brought wonderful results, out of all proportion to the small amount expended. What is needed is a national publicity bureau, perhaps under the auspices of the S. A. F. There should be a nation-wide campaign, but, and this is very important, the trade generally, from the big store man down to the smallest dealer, should have in-

ALBERT O. STEIN'S FLOWER SHOP, SAN FRANCISCO, CALIF.



A CORNER OF ALBERT O. STEIN'S FLOWER SHOP, SAN FRANCISCO, CALIF., AT EASTER.

stilled into them sympathy with the movement and an enthusiasm that would overcome all obstacles in the observance of the day. Even now many men, influential in the trade, see nothing in it, pay no attention to the decoration of their windows, do nothing to advertise or spread the idea in any way.

There is no question that with the beautiful sentiment that has even prompted the national congress to set aside the second Sunday in May for its expression and observance, the florists of the whole country have one of the grandest opportunities on which to build a floral holiday that can be made the greatest of the year.

K.

Short Cuts in Decorating.

There are scarcely any two decorative jobs that are exactly alike; there may be just the use of a dozen palms, or the work is for a large ball or other social function, wedding or what not, when there is use for every decorative plant on the place. Much of the work of this character could be done with fewer plants, provided better stock was used. Many times one plant is placed in front of another to cover up a deficiency, and a grouping of passe looking stock is arranged together, using twice as many as would ordinarily have been necessary to get an effect had the plants been perfect.

Made up combinations with a large bushy palm in the center, the pot or tub being placed in a zinc lined pot cover several sizes too large, and the empty space filled in with blooming stock, ferns and vines, makes a fine decorative effect for the top of a pedestal. In this can be placed Spiræa Japonica, which is very decorative with its wealth of foliage and bushy spikes of bloom, with the assurance that it will keep, as when watered the pan holds the water, and also if carefully watered, there is no danger of drip. Several days' use can be had out of arrangements of this kind; they are beautiful in themselves and stand out when placed on pedestals, as an important unit of the decoration.

ZINC LINED POT COVERS.

Very much stock of almost all kinds of blooming plants present a sad appearance after any one night stand; this is because they get dried out. By being placed in the zinc lined pot covers they are insured of plenty of water and can be used for several continuous days. This combination can be farther enhanced by the addition of long slender vases, which can be tied to the main stems of the palm in the center, and will hold sprays of long-stemmed flowers, which have the appearance of belonging to the plants beneath. The main feature of the combination is that they can be prepared the day before and lightens greatly the labor and saves valuable time on a busy day.

At Christmas time a very effective combination of this kind is poinsettias with variegated vinca vines, with sometimes the addition of a well-flowered pot of stevia as an addition. The effect of the brilliant poinsettias and the white margined leaves of the long vinca vines is very striking.

Where there are long tables to be decorated and cut flowers are desired, a time saver is made with what might be called cork bark miniature plateaus. Strips of cork bark, mossed down the center to near the ends, may have a small cocus or other palm or two as half centers. These foundations are filled out with bronze and green galax leaves or leucothoe sprays the day before and do not require many flowers to make them effective when they are about to be used.

PACKING PRECAUTIONS.

All palms, ferns and other foliage plants of any size, should be tied in before being sent out, and when packed for the return trip. A time saver for this purpose is elastic tape or bands about one inch in width, such as armlets are made of. These are made into bands of the size desired, that will slip over the pots or tubs from the bottom, and when drawn up bind the foliage either over one wrap of

paper or without. Such preparation is worth far more than the time it takes in the saving of damage to the plants that so often occurs in the hurried work incident to decorating.

When southern smilax is used, it will pay the day before to look it over, straighten out the tangles, cutting away the heavy sticks, and lay the natural sprays back in the case, giving them a good sprinkle. It can then be quickly used and valuable time has been saved by this foresight.

CHECKING LISTS.

Always make a list of everything required, to be checked off when the stock goes out; this avoids the return or call to the place for more. This should be checked up again on the return, when any missing plants, vases or other articles may be at once traced. Ofttimes in public buildings, janitors or others are not above putting a plant or two away, or there may be careless help who overlook a pedestal or two or a nest of pot covers, which come in handy for the next decorator, and are frequently appropriated and lost to their proper owners.

A tool box with nails, tacks, wire, hammers, shears, etc., should always be kept in readiness and taken along, as it may be wanted immediately, and if not there, the helpers have to stand around until such useful articles are procured. Specifications should always be in the hand of the man in charge. The one who took the order may not be able to be present, but if his ideas are on paper the work can proceed as laid out and not have to be taken down when half completed, as is too often the case. K.

National Floral Corporation

Hugo Mock, who is president of the National Floral Corporation, 220 Broadway, New York, called at this office May 4, on his return trip from San Francisco, Calif., and explained that the new firm of which he is the head has been organized to extend the demand for the delivery of flowers at a distance by advertising in various ways, principally through the newspapers and magazines, and to establish a national florist or representative of his concern in each city. Mr. Mock says the customer can order the flowers direct of the national florist in the city in which he wishes them delivered and the National Floral Corporation will guarantee satisfactory delivery or refund the money, all transactions to be on a cash basis. There will be only one representative of the corporation in each city.

Panama-Pacific Bowling Trophy.

The illustration herewith shows the Aphine Mfg. Co.'s international Panama-Pacific exposition silver and bronze bowling trophy to be awarded to the member of the Society of American Florists, National Association of Gardeners or American Association of Park Superintendents making the highest individual score in the contest which will be held under the auspices of the Pacific Coast Horticultural Society, in San Francisco, the third week of August next, when the meetings of all the named organizations will occur in that city.

KANKAKEE, ILL.—Gus. Raasch has placed an order for a new greenhouse, 36x200 feet, with the John C. Moninger Co., of Chicago.

PLANT NOTES.

Winter Flowering Geraniums.

With all growers having a greenhouse and doing a retail business there is in the fall a good demand for pot geraniums for house culture. Plants lifted from the open ground and potted in the fall are not very satisfactory, for the plants recover from the later transplanting slowly and go out of bloom, and often do not flower again until spring. It is better to grow plants for this purpose in pots through the summer and these with good culture will bloom all winter long if in a sunny position. Cuttings taken at this time will make nice stock for this purpose, or small plants left over after the spring sales can be used. The plants should be potted firmly so that they will make a short, stocky growth, and kept well pinched back throughout the summer, that as many branches may be procured as is possible. All buds should be picked off as soon as formed, allowing no blooms until the plants are firmly established in blooming pots, in which they should be planted the last of August. A 6-inch pot makes the best size for house culture and the plant can be easily grown so that it will fill this size nicely. A frame outside is the most convenient and best place for growing them through the summer months.

Aphine Mfg. Co's Trophy.

To Be Awarded for Highest Individual Bowling Score at Panama-Pacific Exposition.

Stevia.

If the stevia cuttings have not been rooted this should be attended to at once. As these plants grow very rapidly they are generally the last to be propagated, but the rooting of any stock in June is always attempted with more or less chance of failure unless under the most favorable conditions. As soon as rooted they should be potted in 3-inch pots and placed in a cold frame, the pots plunged in the soil and shifted into large sizes as required. Keep the plants pinched back until the middle or last of July, when they should be potted in their blooming pots and placed in quarters safe from high winds and early frosts. The dwarf stevias may be grown in the field, being kept pinched back during the summer and potted the last of August or first of September.

Peonies.

The peony is one of the most important flowers to the florist during the early part of June, and they are used in large quantities for decorations and other floral work. In cutting peonies for market, especially those that are to be shipped, it is best to cut them when the first petals unfold, and allow them to open in water. They ship much better in this condition and also last much longer. Where they are allowed to remain on the plant until open the flowers not only bruise more or less in transportation, but the petals drop more easily when the flowers are unpacked if they are open when cut and made ready for shipment. In cutting the flowers from the plant, many growers make the mistake of cutting too low. The demand of the customers is of course for long stems, but for the good of the plant there should be left two well-formed leaves upon the stem when the flower is cut off. This will allow enough foliage for the plant to continue its growth and thoroughly ripen off. Where the plant is cut back too severely the root action is injured and a diminished number of flowers will be the result in the succeeding year. Keep the plants tied up by stakes and strings outside of the row; a heavy rain when the plants are heavy with buds will often knock them down and ruin many of the flowers.

Dahlias.

Although the dahlia is of very robust growth and comparatively easy of culture yet it is one of the most tender plants and will not stand any cold treatment, for the slightest frost will check the growth and almost invariably kill the plant back. It is then too early yet to plant the clumps except where all danger of late frosts has passed, but the eyes may start into growth during the warm days of May, so they should be kept in safe and warm quarters. Where the grower has a good, tight frame that is frost proof the clumps can be taken from storage and placed in the frame and the tubers will grow plump and the eyes break ready for planting as soon as the weather grows warm enough. The place selected for growing them the coming season should, however, be prepared, the ground spaded deeply and if not manured last fall, some well-rotted manure spaded in. Many growers do not advise heavy manuring when the clumps are planted and especially no fresh manure, much preferring to get a fair supply in the ground the previous fall so that the rankness will be dissipated in the soil, for too strong manure causes a rank growth, and the plants do not bloom as early. With enough manure incorporated in the soil to produce a good hard growth, and not too soft, and then mulch with manure when the

buds begin to set, is the manner of some of the most succesful growers. The young stock that was propagated from clumps started in March should now be good, stocky little plants, and the last of the propagating should be done early in May to have good stock for June planting. Keep the young plants under safe cover and plunge the pots in soil to keep them moist and not require too frequent or too heavy watering.

Ardisias.

One of the most popular berried plants for Christmas is the ardisia, but it is not grown as generally as it should be, the production being left to a few plant growers, for it is of very easy culture, the only drawback being that it is of very slow growth. The seeds of the old plants are now thoroughly ripened and should be sown at this time. They germinate slowly and should be sown about an inch apart, in rows the same distance apart, and they can then be left in the seedbox until early summer, and potted in 2½-inch or 3-inch pots, and grown in a warm, lightly shaded location. They should be potted in good fibrous loam and kept in a moist close house that all the growth possible may be obtained at this time, for the plant naturally checks in winter. In early spring these young plants will flower and produce a crop of berries for the next winter. The plants that have been grown for three years or more have generally passed the ornamental stage, for they lose their leaves and have a "leggy" appearance. When they reach this stage the tops can be rooted and a fine plant obtained. This can best be done at this time of the year by cutting into the stem and wrapping the cut with wet moss firmly tied around. Keep the plants in a warm, close atmosphere and the moss continually damp, and in four or five weeks new roots will grow in the moss, when the top can be cut off and potted, still keeping the plant in the same temperature until new growths start. This operation will not interfere in any way with the plants blooming, for they frequently set an abundance of buds while the top is making new roots. The brown scale is the greatest enemy of ardisias even in the young stage and they must be removed at once when found, for they sap the strength of the plant. The older plants should be frequently sponged with strong nicotine solution.

Ficus Elastica.

While the rubber plants do not enjoy the popularity that they did ten or more years ago, yet there is always more or less demand for good small plants every fall and cuttings rooted now and given good culture can be grown to fine stock at that time. Every plantsman will have plants of Ficus elastica that have outgrown the salable size or have lost many of the lower leaves and the tops of these can be propogated during the warm weather. The best way to root the young plants is on the plant by mossing the cut. Make an incision in the stem about half way through, in which insert a small stick about the size of a match stick to keep the cut open. Bind around the cut wet moss which should be firmly tied on with raffia and kept wet constantly. The plant should then be placed in a warm, moist house, kept fairly close, and in two or four weeks the roots will be seen protruding from the moss. The top should then be cut off and potted in a 4-inch or 5-inch pot and grown in a warm, close house until the roots have become established in the soil. If a number of these plants are being grown, a mild hotbed can be made up outside, built up with boards so as to allow 18 inches of room between the soil and glass, and covered with a shaded sash. Plunge the pots in the soil and if the frame is kept close, allowing air only on the warmest days, the plants will grow rapidly. As fall approaches more air can be admitted and the plants gradually hardened off and splendid stock will be the result.

HOUSE OF CARNATION ENCHANTRESS AT V. BEZDEK'S RANGE, WILMETTE, ILL.

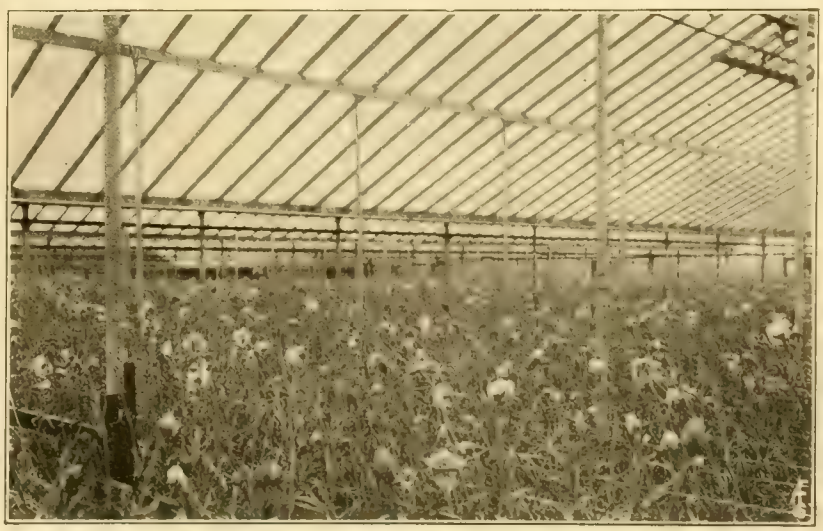
Baltimore & Ohio to Observe Mothers' Day

Mothers' day will be fittingly observed next Sunday by the Baltimore & Ohio Railroad and its employes, in accordance with the annual custom of this company of urging this prettiest of all tributes from the men in its service as well as encouraging it on part of the traveling public.

In an official communication bringing the matter to the attention of the employes, the men in official positions, those who operate trains, toil in the shops, guard the tracks at night and work in other grades of employment, have been reminded of the beauty of the sentiment, and it is urged that each of the 60,000 men on the pay roll of the company pay this tribute to his mother or to her memory by wearing a carnation, the emblematic flower of the day.

Passengers on trains of the Baltimore & Ohio next Sunday will be afforded an opportunity to participate in the plan of honoring mothers, instructions having been issued that a supply of carnations be carried on all dining cars operated over the 5,000 miles of line. A boutonniere will be given to each patron of the cars with the compliments of the road. White carnations will be given to those whose mothers have passed away, while those who have not experienced this sorrow will be given a red flower.

HANOVER, N. H.—Dr. G. R. Lyman, formerly professor of botany of Dartmouth College, has been appointed pathologist of the federal horticultural board, and will assist Mr. Beattie, pathological inspector of the board.



CARNATION WHITE ENCHANTRESS AT V. BEZDEK'S RANGE, WILMETTE, ILL.

Boston.

OUTLOOK PROMISING.

Business during the past week has been exceptionally quiet. Large shipments have made an oversupply, and the market, until Saturday, had a glutted appearance. Saturday, May 1, stock cleaned up well, but at very low prices. There was a good demand for sweet peas and yellow marguerites for May basket work. Roses went poorly all week, many being sold for $5 per 1,000. Eight cents seemed to be about the limit on everything except American Beauties, and many of these sold as low as $1 per dozen for six-foot stem stock. Carnations went slowly at from $1 to $2 per 100. Sweet peas moved very well throughout the week, 50 cents to $1.50 per 100 being received for good, clean stock. Callas and Easter lilies are selling poorly. The plant trade has picked up a trifle, hydrangeas, rambler roses, rubber plants and pandanus being the leaders.

May 3.—Business started this week with a promising outlook for Mothers' day. The dark days we have had caused a shortage and as stock cleaned up very well Saturday and the retailers report a brisk trade, the prices on nearly every line has advanced. Carnations sold at from $2 to $3 per 100 today, and retailers are anxious to place orders for the Mothers' day trade. Roses also advanced in prices, the demand for them being very strong. From all appearances the week coming should bring a better market than we have had for some time past, and many prophesy that if weather conditions are good we will have a far better Mothers' day than in previous years.

NOTES.

Monday, April 26, a thunder shower, accompanied by a wind of great violence, swept through Newton, Lower Falls, Wellesley Hills and Needham, causing a great amount of damage. The range of greenhouses owned by Thomas Capers at Wellesley Hills was practically a complete loss. The wind pushed his 30x300-foot house about six feet from its foundation, and the whole structure collapsed, making a complete loss. Contrary to newspaper reports, the two small houses and boiler house remained intact. Mr. Capers is very optimistic, concerning his loss, considering the amount of damage inflicted, and after planting his young stock in the field, he will commence to rebuild.

Paul Richwagon, at Needham, also suffered from the storm. His shed and chimney blew down, causing damages amounting to about $250. Two men, who were working in the shed at the time, narrowly missed serious injury. R. & J. Farquhar & Co. lost a considerable amount of glass, when a row of new sashes on cold frames blew on to the greenhouses. About 1,000 lights of glass were broken.

James Millen, connected with Bramen Dow Co., was struck by an automobile Saturday, April 24, death soon following. Mr. Millen was well known among the trade, and was held in high esteem by the many growers with whom he had occasion to transact business.

Penn, the Florist, had a good May basket trade Saturday, May 1. He advertised a sale of baskets of yellow marguerites and used 10,000 flowers for the occasion. Business has held up very well with him, a very large amount of funeral work being done.

Mrs. Robert Montgomery, of Natick, Mass., fell and broke a bone in her wrist as well as receiving a severe bruise on [illegible] Friday, April 30. She is abl[illegible] now, but will carry her [illegible] for a few weeks.

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Martin Tuohy has opened a store at 280 Devonshire street, which he will use as a retail store and a special delivery branch of his South Boston establishment.

Mrs. G. E. Libbe, the well known Lynn, Mass., florist, died at her home, after a long illness, Monday, April 26.

F. L. W.

St. Louis.

CUT PRICE SALES DEMORALIZE MARKET.

The market continues quiet. The weather was warm the forepart of the week and cooler the latter part, but stock in general has been plentiful. The retailers have had their own way but do not appear to appreciate it, especially the downtown florists, who endeavor to find out who can sell at the lowest price. Why do not the retailers in general follow the example of one of the house of Rothschild, who upon an inquiry as to how he became rich replied, "Why, easy; I bought cheap and I sold dear." If the retailers would follow this it appears things would be better. As an example, one florist offered two dozen carnations for 25 cents; another came back offering them for 15 cents. This demoralizes the business and is good neither for grower, wholesaler nor retailer. Roses and carnations were sold at low prices. Sweet peas that had wilted somewhat fell into the slump. Of course, all greenhouse flowers are at war with outside stock.

The Late John Zech.

NOTES.

The opening of the new Lindell Dry Goods Emporium and that of Klein's store called for many flowers, several hundred American Beauty roses being used for the latter. The retailers supplied several floral pieces from all portions of the city.

The Grand Leader took advantage of the big glut and offered special floral inducements to their patrons. These sales are great advertisements for this firm and more remunerative than newspaper advertising.

Illustrated posters are out advertising Mothers' day, but will the prices kill it as they did McKinley Day? The public can not understand two dozen white carnations for 25 cents and then two dozen for $2.

The wholesalers have a hard time during the glut. An order for $2 comes in for immediate delivery, requiring automobile service and deliveryman. Where is the profit?

The Red Bud Floral Co. had some very large funeral orders during the past week. Dominic Bova seems to have completely captured the Italian colony.

Grimm & Gorly believe in practical advertising. Last week they sold sweet peas for two cents per bunch, roses one cent each. Growers, get busy.

Ostertag Bros. have an immense show of decorative plants at their stand on Washington avenue and Jefferson street.

Mullanphy Florists, Grimm & Gorly, Foster the Florist and Alex. Siegel were on the war path May 1, with special sales.

E. Gullett & Sons, of Lincoln, Ill., are shipping heavily to this market in carnations. H. G. Berning handles their stock.

Wm. C. Smith Wholesale Floral Co. had heavy sales in carnations and sweet peas during the past week.

George H. Angermueller's cut flower department under the able management of Fred Alves is flourishing.

Alexander Waldbart & Sons are busy with their landscape and general nursery business.

A fine stock of plants and cut flowers are always on hand at F. H. Weber's.

The park department is busy with its flower beds and floral season decorations.

Jules Bourdett is busy planting out and has a splendid supply of plants.

The St. Louis Seed Co. seems to be rushed at planting-out season.

C. Young & Sons had a handsome assortment of hydrangeas.

The Eggling Floral Co. reports trade good at both of its stores.

Julius Dilloff is with us and reports trade good.

John Held has a splendid variety of all plants.

W. F.

Springfield, O.

TAXING GROWING STOCK.

The last act in the local florists' tax case was played last week, when County Treasurer, Frank A. Crothers, visited the various greenhouses in the city and collected the taxes that were assessed on the growing plants. The total amount paid by the florists of this city was $3,121.39. This amount represents tax on growing plants only, and was collected for five years back, in some few cases. The growers here are the only ones, in this state, who have been subjected to this tax and the inequality is self-evident. The present state officials recognized the injustice of taxing this business in one county, only, and endeavored to find a way to alleviate the injustice, but, under the present state taxing laws, nothing could be done, as the tax had been held by the courts to be legal and there was no manner in which they could be remitted or annulled. For the coming, and all future years, all florists in the state will have to pay taxes on their growing plants, unless the present laws are changed. It is even doubtful whether the conditions can be relieved without an amendment to the state constitution. However, the local tradesmen are not discouraged over the additional burden on their business but are determined to make it up by growing more and better plants and selling more, to make up for the loss.

The usual spring rush is in evidence at all the local greenhouses. Every company has on additional men, trying to get out their orders on time. The retail concerns are having their usual heavy mail order business and trade conditions here do not reflect any hard times.

The last week in April has been so warm that active preparations are now being made for out-door planting. Most of the spring plowing is done and many of the companies will start planting out this week.

Summers and Durr, successors to Summers Brothers, are building two new houses, which, when completed, will about double the present glass area of the plant.

The Reeser Plant company intends to double its acreage of vincas and all the other companies are figuring on increased areas in the various lines carried by them.

T.

OBITUARY.

John F. Cowell.

John F. Cowell, director of the South Park Botanic Garden, Buffalo, N. Y., for the past 20 years, died suddenly, May 2, about 5:30 p. m., age 63 years, heart disease being the cause of death. Mr. Cowell was a botanist of national reputation, being an authority on orchids and other rare plants of the tropics, and whose opinion and advice on their culture was sought by many. South park had about as fine a collection of plants, shrubs, etc., as any place of the kind in this country. Mr. Cowell's large acquaintance with others in the collection of rare plants enabled him to easily acquire many collections which would have cost the city thousands of dollars. He returned from Cuba and Jamaica about two weeks ago, where he had been since the carnation convention in Buffalo with Dr. Britton of the New York Botanic Garden on a collecting tour. Before assuming the superintendency of the botanic garden, Mr. Cowell was for 10 years principal of one of the Buffalo public schools, and while in the school department devoted all his spare time to the cultivation of rare plants and flowers. He was an ardent devotee of chrysanthemums and the exhibition of these plants at South park each fall was a wonder to all on account of the excellence of the many varieties displayed. Mr. Cowell was a member of the Society of American Florists, Chrysanthemum Society of America, The American Carnation Society, American Association of Park Superintendents, the Buffalo Florists' Club and many others. For many years he was a lecturer on botany at the Buffalo university.

Mr. Cowell was born in Boston, Mass. He leaves one daughter, Mrs. Adelaide Moulthrop, and one son, Francis W. Cowell. The funeral was attended by delegations from the Buffalo Florists' Club and several other societies. The honorary pall-bearers were the park commissioners; active pall-bearers, W. J. Palmer, Dr. Leo Smith, Chas. Huson, Wm. Bott, Frederick Busch and David Seymour.

W. A. ADAMS.

The death of John F. Cowell comes to us as a great shock. It is hard to realize that that big, strong, kindly man shall be with us no longer; that the stores of knowledge gathered by that fine brain—broad, reaching into almost every field of human endeavor, abstrusely scientific, minutely practical—from now on shall not be ours to draw on at will.

His was the broad vision and the clear. He had lived long and seen much—I sometimes thought he had seen all that was really worth seeing in this world—and seen it from every view point. The shams and deceits of his fellows were clear glass for his eyes and with it all was the kindly, humorous tolerance.

We who were priviledged of his friendship received much from him and none of us could return it except in small part.

Truly a man has gone from us.

W. N. RUDD.

John Zech.

John Zech, the well known wholesale florist and senior member of the firm of Zech & Mann, Chicago, died at the Columbus Hospital at 10 a. m., Thursday, April 29, after an operation for appendicitis performed April 24. He had been ill but a short time and was on duty at the store up to the day previous to the operation, when he suffered a sudden attack and was obliged to go to his home. His condition was so serious that an immediate operation was necessary, and while nearly everyone in the market knew he was dangerously ill, they were startled on Thursday to hear that he had passed away. Mr. Zech was 53 years of age and was born at Laporte, Ind., August 20, 1861. He was a stone cutter by trade and entered the florist

The Late John F. Cowell.

business in 1892 when George and Peter Reinberg opened their wholesale store under the firm name of Reinberg Bros. Mr. Zech acted as manager for Reinberg Bros. for about six years, when he resigned to accept a similar position with J. A. Budlong. He left the employ of this firm and worked for several months for Winters & Glover and later had charge of the city trade for the E. C. Amling Co., leaving the employ of the Amling Co. about nine years ago, when he and Mathias Mann entered into partnership forming the company which is now known as Zech & Mann. He was a member of the Society of American Florists, Illinois State Florists' Association, Chicago Florists' Club and Cook County Florists' Association and was a familiar figure at many of the S. A. F. conventions. He was actively interested in the trade societies in his home city being responsible to a certain extent in bringing about the consolidation of the Chicago Florists' Club and the Cook County Florists' Association. He was also a member of the Catholic order of Foresters, St. Matthew's Court, No. 650, and the Knights of Columbus, Ravenswood Council 1009, and an ardent worker of St. Gregory's parish and could be found at all the church festivals and was one of the leading members of the parish committee. The day before he was taken sick he attended to some work pertaining to the Catholic employment bureau in which he was interested and which was organized to find work for the unemployed. He was a great family man and spent most of his spare moments at home with his wife and children. He had a great many friends in the trade, being known for his honesty in all his business transactions and if he thought he was right on any subject he would devote all of his efforts to the cause and his determination to be right was the secret of his success in business and responsible for the host of friends that he had. The funeral was largely attended by the retail and wholesale florists and growers, and the large number of beautiful floral tokens that were sent to his home showed the esteem in which he was held by his followmen. The funeral was held from the home at 1837 Summerdale avenue, Monday, May 3, at 10 a. m., with services at St. Gregory's church and the remains were laid to rest in the family lot in St. Boniface cemetery. Peter Reinberg, George Reinberg, Mathias Mann, Chas. Gross, Chas. Wuench and John Hellgeth were pallbearers and the Catholic Order of Foresters attended the services in a body. Mr. Zech is survived by a wife and four children, Mrs. Amelia Cunningham, Caroline, Allie and Leo Zech.

CLEVELAND, O.—The Connors Company has been incorporated for $10,000, and will conduct a florist business.

STERLING, ILL. — Harry Bent has leased a store in the Randolph hotel building and will open a flower shop.

SARATOGA SPRINGS, N. Y.—Scheduling liabilities of $11,152, and assets $9,814, T. J. Totten, Inc., florist, has filed a voluntary petition in bankruptcy.

FT. WORTH, TEX.—The retail business of George Kennedy, 703 Houston street, has been purchased by W. S. Faris, who will continue at the same location.

BANGOR, ME.—The firm of Stone & Frutchey has been dissolved, E. P. Frutchey having bought out the interest of his partner, and will continue the business.

MINNEAPOLIS, MINN.—The Twin City Floral Co. is reported to be bankrupt with practically no assets. Its godfather, A. E. Lutey, was last heard from at Detroit, Mich.

LENOX, MASS. — The next regular meeting of the Lenox Horticultural Society will be held May 12, when a lecture on "Horticultural Miscellany" will be given by Edwin Jenkins.

OMAHA, NEB.—In view of the approach of Mothers' day, the second Sunday in May, the public library has issued a leaflet containing a list of 34 poems, centering about mother.

COEUR D'ALENE, IDA.—Adolph Donart has purchased the interest of M. C. Louis in the greenhouse business for the past two years conducted under the name of Donart & Louis.

SIOUX FALLS, S. D.—The Minnehaha Floral Co., with a capital stock of $25,000, will operate a greenhouse in this city. The incorporators are John Liebl, Edward Sessel and Francis J. Connor.

FT. WORTH, TEX.—Entries in the annual flower garden content opened April 1 at the Carnegie public library and it is expected that the number of entrants this year will be greatly in excess of the list for previous years.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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RAFFIA has advanced 15 per cent since the beginning of the war.

ACCORDING to the Kansas City Star, the newest way of wearing cut flowers is at the wrist, tucked into the cuff.

HAIL as large as baseballs is reported from St. Louis, which goes to show that the weather is trying to keep up with improvements in projectiles.

BY wearing a primrose, the favorite flower of Benjamin Disraeli, Earl of Beaconsfield, Englishmen continue to pay tribute to his memory. April 19 is the date of the observance.

Crop Income Taxable.

Income from farm products and crop share rentals must be included in tax returns of income for the year in which they are sold for money or a money equivalent, according to a decision of Commissioner of Internal Revenue Osborn.

Texas Jasmine Crop.

E. J. Sheffield, of Alvin, writing April 29, says the jasmine crop prospects are somewhat more promising.

Mrs. J. W. Carlisle, of Alvin, writing May 3, says if the present warm, moist weather continues it is expected the earliest buds will be ready about May 15.

The Peony Crop.

In addition to the reports on the peony crop given in last issue, page 772, from Missouri, Indiana and Illinois, we can now present the following from other sections:

West Newbury, Mass.—T. C. Thurlow & Sons say peonies are a few days earlier than usual, but not enough to affect the blooming season. The ground is very dry, thus checking advance.

Reading, Pa.—Bertrand H. Farr, president of the American Peony Society, advises that the peonies in his section were late until the recent warm weather brought them on to normal.

Holland Flowers for Wounded Soldiers.

The Society of Netherlands Bulb Growers has decided to send cut flowers as gifts to the hospitals for the wounded of the belligerent nations, according to a correspondent of the Chicago Daily News. The international women's congress will pay the express cost and purchase the boxes to contain the flowers, while the bulb growers will see to it that the blooms are carefully packed and sent to the trains free of cost. April narcissus will be sent and there may be late tulips, but no hyacinths, as their scent is too strong for the hospital wards.

Mothers' Day at Washington.

Mothers' day, May 9, will be observed in Washington by special services in the house of representatives. The official programme arranged under the supervision of Miss Anna Jarvis, of Philadelphia, Pa., the originator of the observance, will consist of a reading of the Mothers' day prayer, the reading of the president's Mothers' day proclamation, and the reading of a Mothers' day recitation written for the occasion by James Whitcomb Riley. There will be also a presentation of the American flag and the singing of the national anthem. Similar services will be held in the churches and public institutions of other cities, as the movement for the observance of Mothers' day has become nationwide.

A. L. Miller Has a Birthday.

On May 1 a large number of relatives and friends assisted A. L. Miller, the well known and popular grower of East New York and Jamaica, to properly celebrated his fiftieth birthday. The celebration took place in the evening and the company did not disperse until the "we sma" hours. The Miller home at East New York was handsomely decorated for the occasion, the scene being enlivened by a fine display of Japanese lanterns. A sumptuous banquet was served and there were speeches, music and dancing.

Though Mr. Miller is fifty years old, it is a fact that he does not look to be over forty and he says he feels as young as he ever did. There were a number of handsome presents, the most notable and unique being from his sister, Mrs. Biederman. It was a collection of fifty $5 gold pieces dated in rotation of the years from 1865, the date of his birth, to 1915. These were worked into his monogram, being secured on a background and framed. Among members of the trade present were, Frank Traendly and wife, Charles Schenck and wife and A. Demeusy, wife and daughter.

Mr. Miller is an ex-president of the New York Florists' Club and a member of the Society of American Florists, and both he and his estimable wife are highly esteemed by a wide circle of friends, both in New York and elsewhere, and they are worthy of all the good words said of them at his birthday celebration.

A. F. F.

Ohio Taxation of Florists' Stock.

The last act in the Springfield, O., florists' tax case was played last week when County Treasurer, Frank A. Crothers, visited the various greenhouses in the city and collected the taxes that were assessed on the growing plants. The total amount paid by the Springfield florists was $3,121.39. This amount represents tax on growing plants only, and was collected for five years back, in some few cases.

The Springfield growers are the only ones in Ohio who have been subjected to this tax and the inequality is self-evident. The present state officials recognized the injustice of taxing this business in one county only, and endeavored to find a way to alleviate the injustice but, under the present state taxing laws, nothing could be done as the tax had been held by the courts to be legal and there was no manner in which they could be remitted or annulled.

For the coming, and all future years, all florists in Ohio will have to pay taxes on their growing plants, unless the present laws are changed. It is even doubtful whether the conditions can be relieved without an amendment to the Ohio constitution.

German Soldiers Want Flower Seeds.

Berlin, April 21.—The soldiers at the front are asking for flower seeds. The newspapers print letters suggesting that seeds inclosed in packages and sent to the front can be used for planting on the graves of soldiers and in other ways.

British Grow Flowers on Battlefield.

British Headquarters, France, April 21.—Among the many incongruities of the present campaign not the least strange contrast is that between the waging of trench warfare and the gardening which is carried on in many places by the British soldier near the dugouts. In some cases the small plots of growing primroses and daffodils are not more than 200 yards from the enemy.—New York World.

The Hague, City of Flowers.

DeGraaff Bros., Ltd., Leiden, Holland, sent last year, gratis, part of their surplus, a surplus unusually large on account of the war, to this city to be planted in the public parks. Altogether they sent about 450,000 bulbs, principally tulips, daffodils and iris. By this generous gift the people even in the poorer quarters have a brilliant display of flowers all around and everywhere.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—By experienced capable American of irreproachable character, as head gardener or manager of ranch Best references.
Key 511, care American Florist.

Situation Wanted—German, 28 years of age, with 15 years' experience, wants private or commercial place, single, good references. Address
K, 10616 Indiana Ave., Chicago, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials.
FLORIST, 59 W. Ontario st., Chicago, Ill.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Help Wanted—A good rose grower. Wages $15.00 per week.
WM. DITTMAN, New Castle, Ind.

Help Wanted—A good rose and carnation grower to work under foreman, with good salary and a chance of advancement. State wages expected in first letter.
EDWARD TATRO, 407 E. Iron Ave.,
Salina, Kansas.

Help Wanted—Leading Chicago greenhouse manufacturing concern wants bright young man with a high school education and good at figures to learn the business Splendid opportunity for deserving party. Good salary to start. State full particulars in first letter and address in own handwriting. Key 507, care American Florist.

For Sale—Heating plant and glass for small greenhouse. M. E. TRIMBLE, Warren, Pa.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92,
Glen Burnie, Md.

For Sale—Greenhouses, 8000 feet under glass, ten-room house, barn and other out-buildings.
H. W. STEWART, Rhinebeck,
Dutchess Co., N. Y.

For Sale—Good as new panel top Overland delivery car. $500.00 cash. Big bargain. Write quick. Guaranteed.
Key 512, care American Florist.

For Sale—Complete delivery outfit, including a dandy horse, wagon, harness, etc., for $175. For further particulars address
Key 501, care American Florist.

For Sale—At once, on account of ill health, an indoor greenhouse stock lately left me by a will. Communicate with LAURA MORGAN,
1009 W. Kimber St., Danville, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale or Rent—Near Chicago, 22,000 feet of glass planted to Killarney roses, or 14,000 feet of glass planted to carnations. Cottage on place and a bargain for responsible party. Owner has two places and will rent or sell either one. For further particulars address
Key 517, care American Florist.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober.
Key 510, care American Florist.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

Wanted to Rent—Greenhouse; no stock; 20 or 30 feet wide by 100 feet long; state particulars; New Jersey, New York State or Connecticut preferred. Address
Key 515, care American Florist.

Growers Read This

Advertiser wants to buy or rent a large range of greenhouses within a reasonable shipping distance of Chicago. Don't write unless you want to talk turkey right away. Curiosity seekers need not answer. Address

Key 516, Care American Florist.

TRAVELER

Experienced seedsman is open to engagement as representative of foreign seed house. For full particulars address

Key 518, care American Florist.

Wanted Seedsman.

Competent Seedsman wanted. Must be man with wide experience to take charge of buying for large seed concern. Address

J. Walter Thompson Co.,
14 E. Jackson Blvd., CHICAGO, ILL.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85: per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

PRESENT DEMAND

IS FOR

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

ADVERTISE THEM NOW

The Season is Short

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

MEMORIAL DAY

FOLDER samples now ready. This folder will certainly help your Memorial Day Business. Write for samples and full information.

SOCIAL OCCASIONS

SCHOOL Commencements, Weddings, etc. This folder combines four separate illustrations very harmoniously and is just the thing for your May and June advertising. Samples sent gladly on request. This folder will cause favorable comment on your advertising, give prestige and bring business. Send for sample of the Social Occasion Folder.

OUR YEARLY ADVERTISING SERVICE FOR RETAIL FLORISTS

Applications are now being received by us for our exclusive service for the various cities of the United States and Canada. Write for our plans. Our representatives are now closing contracts with one florist in each city for our exclusive service. The best proof of the success of our Florist Advertising Service is the large renewal contracts coming in from our clients and customers.

McNEFF-SWENSON COMPANY

Floral Publicity Experts

220 South Michigan Blvd., CHICAGO, U. S. A.

Send in your name if you are not receiving samples.

Toledo.

SPECIAL SALES HELP MOVE OVERSUPPLY.

The same conditions of oversupply that prevail in other parts of the country have hit this city and retailers are being offered splendid concessions by growers and wholesalers to buy in quantity. Special sales have been numerous since this condition existed and prices were never so reasonable at this time of the year. Funeral work keeps up nicely and weddings and social events are filling out a void between Easter and Mothers' day. Stock is of fair quality. Carnations are much better in quality and are selling better also. Sweet peas are splendid and find a ready sale and roses are exceedingly plentiful, being offered at many stores at cut prices.

CLUB MEETING.

The meeting of the local florists' club, which was held at S. N. Peck's store April 27, was one of the most interesting meetings that have been held recently. Arthur C. Kneisel, advertising manager of Schramm Bros., and publicity man of the club, gave an interesting talk on advertising and ways and means of creating flower buyers. He recalled the splendid success that had followed last year's cooperative advertising campaign for Mothers' day, when every florist large and small in the city had completely sold out. As a result it was decided to see the various florists and growers and line them up for a more energetic campaign than ever.

NOTES.

An important real estate transaction was completed last week whereby Frank Schramm becomes the sole owner of the property at the corner of Cherry and Beacon streets, where the business of Schramm Bros., florists, is located. The new owner is one of Toledo's youngest and most progressive florists, and since his entry into the business world about four years ago has increased the business of Schramm Bros. in a remarkable manner. It is the intention of Mr. Schramm to remodel the greenhouses on the place this summer, after which he plans to erect on the corner of Beacon and Cherry, one of the most modern and attractive flower shops that can be found in the west.

Another employe of E. A. Kuhnke, wholesaler of East Toledo, has been killed by the electric road that runs through his premises. This is the third one to meet this fate within a year. When it came to settling up the claim under the Ohio workmen's compensation act, Mr. Kuhnke suffered a shock when he was informed that he must pay a penalty of $500 for an accident for which he was entirely innocent. K.

NATIONAL FLORAL CORPORATION

The only organization in the United States for the sole purpose of educating the general public—**the people who buy**—to buy more flowers, especially as gifts to friends out-of-town in place of other presents.

It does not conflict with the Florists' Telegraph Delivery, or any other reciprocal arrangements between florists.

National Florist

THE SIGN OF A NATIONAL FLORIST.

No commission to be paid for the orders received.

The business will come direct from the customer. All the **National Florist** will have to do is deliver the flowers in good taste and in good order, and keep the cash. It will be a **cash with order** business.

The National Floral Corporation wants one exclusive representative florist in each city in America to take care of the orders **which will be created** by the advertising service this corporation will render. The best florist is wanted.

There Will Be One National Florist In Your Town—Will It Be You?

Send for booklet giving full details of what the National Floral Corporation will do for the florist. You will be delighted with the plan. Write today and learn how to be that ONE.

National Floral Corporation, 220 Broadway, NEW YORK.

MEMORIAL DAY NUMBER

TO BE ISSUED MAY 15

Next Week

JUST RIGHT FOR THE

Decoration Day Business

The Best Paid

CIRCULATION

To the Trade in the Trade

That means profit to you. No bogus inquiries that cost time and actual cash.

Offer Them Now

ALL SPECIALTIES

For Cemetery Use **All Bedding Plants**
Window Box Stock **Plants for Vases**

WHILE DEMAND IS STRONG

American Florist Co.

440 S. Dearborn St., CHICAGO.

The Early Advertisement Gets There.

POEHLMAN

72-74 E. Randolph St.,

American Beauties-Ophelia-Mrs. Chas. Russe

Sunburst--Hadley--Milady--Richmond--Aaron Ward--Killarney--Cecile Brunner.

CATTLEYAS--VALLEY--GARDENIAS

CURRENT PRICE LIST.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$4.00
36 inches long	3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

	Per 100		
OPHELIA	$4.00 to	$6.00 to	$10.00
HADLEY	4.00 to	6.00 to	10.00
SHAWYER	4.00 to	6.00 to	10.00

RICHMOND MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100	
Extra long		$10.00
Long	$6.00 to	8.00
Medium	4.00 to	5.00
Short	2.00 to	3.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long		$8.00
Long		6.00
Medium		4.00
Short	2.00 to	3.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00
Short, per 100,	$4.00, $6.00

CECILE BRUNNER or SWEETHEART ROSE.

Per 100 ..... $2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

GARDENIAS.....per doz., $2.00 to $3.00

CATTLEYAS.....per doz., 6.00 to 9.00

LILY OF THE VALLEY.

	Per 100
Extra fancy	$4.00
First quality	3.00
Second quality	2.00

MISCELLANEOUS CUT FLOWERS.

	Per 100	
Sweet peas (common)	$0.50 to	$ 0
Sweet peas (Spencer)		1
Lilies		10
Snapdragons	6.00 to	8
Peonies, red	6.00 to	8
Daisies	1.00 to	2
Mignonette	4.00 to	6
Stocks	.50 to	1
Pansies	per doz. bunches, 1.00 to	1
Lilac	per bunch,	

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$ 0
Smilax	doz. $2.50
Sprengeri and Asparagus Sprays	$2.00 to
Asparagus Plumosus, per string, 60c	
Leucothoe	1
Adiantum	1.00 to 1
Galax (bronze)	per 1,000 $1
" (green)	per 1000, 1
Eastern flat ferns	per 1,000
Boxwood, per lb., $0.25	per case, 7

Statice, plain ..... per lb., $0.50
" Iridescent effect ..... per lb., .75
Ruscus, red and green ..... per lb., .75
Magnolia Leaves ..... per box, 1.25
Short Cycas Leaves ..... per 100, 2.00
Assorted sizes, 16 to 40 inches ..... per 100, 7.00

Plain Magnolia Wreaths

ROUND.

	Per doz.
18 inches in diameter	$ 6.00
21 inches in diameter	7.00
24 inches in diameter	9.00
27 inches in diameter	12.00

Glass Cemetery Vases

	Per doz.	Per bbl.
10-inch	$1.50;	5 dozen, $7.00
12-inch	2.00;	5 dozen, 9.00
16-inch	3.50;	2 dozen, 7.00

White and Green Enamel Vases

	Height	Diam.	Each	Doz.
No. 1	6¾	4¼	20c	$2.00
No. 2	6¼	3½	15c	1.60

Sheet Moss

Fine fresh material, per bag, $2.00

CYCAS WREATHS

Made in U. S. A.

	E
15 inches in diameter	$
18 inches in diameter	1
21 inches in diameter	1
24 inches in diameter	1
27 inches in diameter	2
30 inches in diameter	2

N BROS. CO.

ng Distance Phone, Randolph 35.

CHICAGO, ILL.

BEDDING PLANTS

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
:rnantheras, red and yellow, and **Brilliantissima**	$ 2.50	$23.00
ssum, Sweet, 2¼ in	2.50	20.00
ratum, Blue Dwarf, 2¼ in	2.50	
" " " 3 in	5.00	
" " " 4 in	8.00	
onias, Luminosa and Vernon for bedding, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
onia, Chatelaine, 2¼ in	3.50	
3 in	8.00	
4 in	15.00	
aea Scandens, 4 in.. 1.50 per doz.		
:us, in variety, 2¼ in	2.50	
3 in	5.00	
idiums, Fancy Leaved (Summer delivery) 5 and 6 in. pots. 50c to $1.50 each.		
ty Miller, for border, 2¼ in	2.50	23.00
:aena Indivisa, strong, 3 in	7.00	
4 in	12.00	
5 in	20.00	
aniums, the best and most popular bedding varieties, 4 in., in bloom..	8.00	80.00
e Geraniums, strong, 3 in	5.00	
4 in	8.00	
sy Geraniums, in bloom, 3 in	5.00	
4 in	8.00	
sy Geraniums, in bloom, larger plants, prices on application.		
e. Salleroi Geraniums, 2¼ in	3.00	
3 in	5.00	
iotropes, 2¼ in	2.50	
3 in	5.00	
4 in	10.00	
lish Ivy, 2½ in	3.00	
4 in	15.00	
lish Ivy, strong 5 in......$20.00 to	35.00	
man or Parlor Ivy, 2½ in	2.50	
3 in	5.00	

	100	1000
Lobelias, for Bedding & Hang. Baskets.		
Lobelias, Speciosa, Crystal Palace and Bedding Queen 2¼ in	$ 2.50	$22.00
Lobelia, Cathleen Mallard (double)	3.00	
Marguerites, Yellow and Mrs. F. Sanders, 2¼ in	3.00	
3 in	5.00	
4 in	10.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom. If wanted in baskets an additional price will be charged to cover cost of same.	2.50	25.00
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼	3.00	
3 in	5.00	
Phlox Drummondi, all colors, 2¼ in	2.50	23.00
3 in	5.00	45.00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Ricinus (Castor Oil Beans) red foliage, strong, 4 in	12.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
Smilax, strong new stock, 2¼ in	2.50	23.00
3 in	6.00	50.00
Torenia Fourneri. Blue, 2½ in	2.50	
3 in	5.00	
Vinca Rosea and **Alba,** 2¼ in	2.50	
Vinca Minor (Hardy Grave Myrtle) 3 in.	6.00	
Vinca, variegated and green for boxes and vases, 2¼ in	2.50	23.00
4 in......$12.00 to	15.00	
Verbenas, all colors, 2¼ in	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in	2.50	

Hanging Baskets planted with: **Sprengeri, Boston** and **Vincas.**

Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 50c each. 5 n. at 50c to 75c each.

Pandanus Veitchi, highly colored, 4 in., 50c each. 5 in., 75c each. 6 in., $1.25 to $1.50 each. 7 in., $2.00 to $2.50 each.

Boston, Whitmani and Roosevelt Ferns, 7 in. pots. 75c each. 8 in. pots, $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.

Dracaena Terminalis, highly colored, extra fine, 4 in., $3.00 doz. 5 in., $5 00 doz. 6 in., $7.50 doz.

Araucarias, Excelsa, fine stock. Robusta Compacta, large plants, $1.50 to $2.00 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.

Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

Hydrangea Otaksa and French varieties. 50c to $1.50 each.

	per 100	per 1000
Asparagus Plumosus, 2¼ in	$ 3.50	$30.00
3 in	7.00	65.00
4 in	12.00	115.00
Asparagus Sprengeri, 2¼ in	2.50	22.00
3 in	5.00	48.00
4 in	10.00	98.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

'estern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

rafted, 2½-in.	Per 1000	Per 5000
lley	$120 00	$550 00
hmond	110 00	$500 00
ile Brunner	100 00	......

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in	Per 1000	Per 5000
Milady	$60 00	$275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
s Marvella French, late white	$8 00	$70 00
s Pauline Anderson, late yellow	8 00	70 00

oth these varieties scored 94 points by judges the Chrysanthemum Society of America, at cago, and both scored 95 points by the judges the Minnesota State Florists' Association, at neapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

YELLOW ROSES

One of our Many Specialties.

All our own growth and guaranteed fresh cut. Packed to arrive in good condition.

ROSES

Killarney Brilliant, Sunburst, Bulgarie, Pink and **White Killarney, Rhea Rhea, Richmonds** and **Shawyer.** Graded in specials, good lengths, medium and short stems. All skillfully grown, even in quality and carefully handled.

Beauties.

A choice cut in all lengths of stems. Our grade of extra long seconds make a fine showing for either funeral sprays or large decorative work and the price is very low. $8.00 per 100.

Carnations.

A fine supply of very fine quality pink, white and our extra fancy red **Belle Washburn.**

Sweet Peas.

A full crop now being cut of Zvolanek's celebrated orchid flowering peas. These sell according to length of stem and coloring. 50c to $1.00 per 100.

Sweet Peas, Valley and **Greens**—large supply constantly on hand.

PRICE LIST

BEAUTIES.	Per doz.
Extra long specials	$3.00
Extra long seconds in lots of 50 or more	1.00
30 to 36 in. stems	$2.00 to 2.50
20 to 24 in. stems	1.50
15 in. stems	1.00
Shorter lengths	.25 to .75

Killarney Brilliant, Sunburst, Rhea Reid, Bulgaria, Shawyer.	Per 100
Extra long stems	$8.00
Medium length stems	$5.00 to 6.00
Short length stems	3.00

Richmond, Pink Killarney, White Killarney, Hillingdon.	
Long stems	$6.00 to 8.00
Medium stems	5.00
Short stems	3.00

Roses, our selection of 300 or more at the rate of $20 per 1000

Cecile Brunner, in bunches of 25 rose buds, only 25c per bunch

Carnations.	Per 100
Red, extra fancy **Belle Washburn**	$2.50 to $3.00
White, fancy	2.50 to 3.00
Pink, fancy	2.50 to 3.00
Our fancy grade of Carnations in lots of 300 or more, our selection, at rate of $25.00 per 1000.	
Sweet Peas, according to quality	.50 to 1.00
Lily of the Valley	3.00 to 4.00
Asparagus and Sprengeri Sprays	2.00 to 3.00
Galax, bronze and green	per 1000, $1.00
Choice Eastern Ferns	per 1000, 3.00

In buying direct of the grower you are assured of fresh stock at all times and the most even run of quality possible.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

BUSINESS MUCH BETTER.

Business has improved considerably since last week and stock is not as plentiful as it has been and prices are much higher. Carnations have been in very good demand all this week, and with the exception of Enchantress the better grades in some instances brought as high as $4.00 per 100 the opening of the week. Prices are expected to advance considerably over the advertised quotations for Mothers' day, as some of the houses are refusing orders for same now and others are asking higher figures. Roses are in fairly good supply, but are moving well and will very likely clean up before the week's business is over. American Beauty roses of exceptionally fine quality are arriving in good supply and the same holds good for Mrs. Chas. Russell, which are moving well, considering the unusually large receipts. Ophelia roses are more plentiful and the same may be said of Sunburst. Richmond, Milady, Hadley, Mrs. George Shawyer, Prince de Bulgaria, Killarney Brilliant, Killarney Queen, Killarney, White Killarney, Double White Killarney, Rhea Reid, Mrs. Aaron Ward and Cecile Brunner are in good supply. Orchids are none too plentiful and gardenias are scarce. Sweet peas are not as plentiful as they have been and are selling at better prices. Lilies are in good supply and so is lily of the valley, snapdragons, irises, stocks, tulips, daffodils and jonquils. Lilac is to be had in large supply, but is selling at good prices.

MOTHERS' DAY PROCLAMATION.

Mayor Thompson issued a proclamation, May 4, for the observance of next Sunday as Mothers' day. It follows:

The custom of setting aside a day in the year as Mothers' day has grown until its observance has become general. It should be a day marked by every man, woman, and child for observance as a tribute of respect to one of the greatest sentiments that the world is capable of—mother love.

In accordance with the authority vested in me, I hereby proclaim Sunday, May 9, as Mothers' day. I urge that upon that day all who can observe it wear a white flower and commemorate the day by some action done as a token of respect and affection for his or her mother.

WILLIAM HALE THOMPSON,
Mayor.

SNAPDRAGONS

Pink-Yellow, 50c to $1.50 per doz.

Sweet Peas - Stocks - Roses - Carnations - Lilies Tulips - Jonquils - Daffodils - Greens of all kinds.

O. A. TONNER,

30 East Randolph St., CHICAGO.

Mention the American Florist when writing.

USE Budlong's Blue Ribbon Valley.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

LARGE CUTS

ROSES AND CARNATIONS

You Can Get What You Need From Us So Order Here.

CURRENT PRICE LIST

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia		
	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**
Carnations, select white, for Mothers' Day	5 00
Good pink and red, for Mothers' Day	4 00
Carnations for delivery after May 10	$ 2 00 to 3 00
Harrisii	12 50 to 15 00
Valley	3 00 to 4 00
Violets	75 to 1 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00
	35

2,000,000 Feet of Modern Glass

ANNOUNCEMENT

IT is with much sorrow that we announce the death of our Mr. John Zech, senior member of our firm, which occurred on Thursday, April 29.

Allie J. Zech who has been identified with our firm for many years has been appointed manager which is a sufficient guarantee that all our customers will receive the same honest treatment and the same careful consideration as they have in the past.

ZECH & MANN

WHOLESALE FLORISTS

30 East Randolph Street L. D. PHONE Central 3284 **CHICAGO**

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
Large Supply of Exceptionally Fine Stock. Prices Right.
CARNATIONS
Beauties-Roses

Daisies, candytuft, pansies, trailing arbutus, mignonette, lupines, amaryllis, calendulas, cornflowers and forget-me-nots are among the offerings, and the first peonies of the season made their appearance this week. Gladioli are more plentiful, but are bringing fairly good prices, especially the home-grown stock. The Mothers' day trade promises to be very good and it would not be at all surprising if the market cleaned up completely in all lines, as was predicted in these columns two weeks ago.

NOTES.

The A. A. Arnold Paper Box Co. has moved from its old quarters on South Peoria street into its handsome new factory building at 1302-1308 West Division street, near Elston avenue. The new building is 75x150 feet and four stories high, and is well lighted and sanitary in every respect. A large basement gives them additional room, and taken all in all, it is one of the finest factory buildings in the city. The Arnold Co. is well known to the trade, for it has been manufacturing flower boxes for the past eight years and has a large list of customers who are located in almost every section of the country. C. B. Arnold is in charge and is ably assisted by Joe Marks, who will call on the trade in the future, and who is well known through his former connection with this concern and other leading supply houses.

A large number of people in the trade attended the funeral of the late Mr. John Zech, senior member of the firm of Zech & Mann, on Monday, May 3, an account of which will be found in the obituary column this week. Every branch of the trade was largely represented, especially the growers, and the unusually large number of floral offerings that were sent to the home shows the high esteem in which he was held by his fellowmen. The trade will greatly miss Mr. Zech, for he was an active worker in club affairs and at the club picnics and his untimely death was a great shock to everyone.

Felix Reichling says that Peter Reinberg had a cut of 35,000 roses one day last week, which was the largest since his brother, Emil Reichling, has been in charge at the greenhouses. Stock came in so fast on that day that no attempt was made to grade it, but everything was placed in water after enough pots had been secured to hold it all.

George Economopulus says that trade has shown considerable improvement at the Alpha Floral Co.'s store this week. This firm will start to remodel its place as soon as the Memorial day trade is over, and when all the alterations are completed, the proprietors will have one of the most beautiful establishments in the loop.

The funeral of John Daly, who has been conducting the store formerly owned by L. Hoeckner, at 1115 Clybourn avenue, was held from the home on April 29, and interment was at Arlington cemetery. The late Mr. Daly was practically a newcomer in the trade, but made a host of friends during the short time that he was engaged in business.

A. T. Pyfer & Co. are receiving a large supply of fine roses from the Pyfer & Olsem range at Wilmette as well as a fancy grade of carnations from the V. Bezdek range. Mr. Pyfer says that carnations are in brisk demand for Mothers' day and that prices on same have been very satisfactory.

Kyle & Foerster expect to move into their new quarters at 160 North Wabash avenue in a few days, where they will be better situated to handle their increasing business. John Kruchten will move into their old store as soon as they move out, and the change should be beneficial to all concerned.

The A. Dietsch Co. is experiencing a busy season and Fred Dietsch says that the largest single carload of greenhouse material ever shipped out in the history of the concern, was shipped out this week. This firm has just received an order from R. Scheffler of Wheaton for a new house 36x250 feet.

The Garland Manufacturing Co. is building a new conservatory for Bernard J. Schmirer, proprietor of the North Shore Floral Co., 849 Irving Park boulevard. The Garland Co. has also booked an order for a new house for Fred L. Deserns, Cedar Rapids, Ia.

A. L. Vaughan & Co. are manufacturing baskets and a few samples of the goods that they have to offer are now on display at their store. Their line is somewhat different from the rest and is attracting much favorable attention among the local buyers.

H. N. Bruns, chairman of the committee which was to make the necessary arrangements for the florists' club banquet, says it has been postponed indefinitely on account of the death of the late Mr. John Zech, who was a member of the committee.

Fred Lautenschlager, with Kroeschell Bros. Co., has been happy as a lark since April 30, when Mrs. Lautenschlager presented him with twin baby girls. The mother and babies are doing fine.

Wietor Bros. are cutting from a nice crop of Sunburst roses, which are of unusually fine quality. The demand for stock for Mothers' day is unusually brisk and a clean-up in all lines is expected.

H. Van Gelder says that orders are numerous for carnations for Mothers' day this week, and that an exceptionally large supply of stock will probably enable him to fill all orders in full.

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO
Tremendous Supply
CARNATIONS
—FOR—
MOTHERS' DAY
Sunday, May 9.
Carnations have always been our leader, but this year our supply exceeds that of any previous year. You can get what you want here in White, Pink and Red.

USE Budlong's Blue Ribbon Valley.

Miss M. C. Gunterberg and Sinner Bros. are now comfortably located in their new wholesale store at 158 North Wabash avenue, where they will be pleased to meet old acquaintances.

Jimmy Perkins, who helps out at A. Lange's store on Saturdays and during the holidays, is still in the St. Joseph hospital, where he was recently operated upon for appendicitis.

Philip L. McKee, of the John C. Moninger Co., left this week for New York City on business, stopping off at Detroit, Mich., enroute.

A. E. Hunt & Co. have rented floor space from D. E. Freres, who has a wholesale stand on the second floor of the Atlas building.

Miller & Musser are receiving large shipments of southern-grown gladioli, mostly Mrs. Francis King and America.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

FOR MOTHERS' DAY, MAY 9

Large Supply ROSES AND CARNATIONS

Carnations are in good supply with us but we are strongly urging our customers to carry all flowers for there are never enough Carnations to go around for the occasion. Roses and Sweet Peas are splendid substitutes and you will find it profitable to have a good stock on hand. We are booking orders for Carnations for Mothers' Day at the following prices: White, $6.00 per 100; Fancy Pink and Red, $5.00 per 100. Prices on Roses, Beauties and miscellaneous stock will be the same as quoted in our Current Price List below. Place your order for Mothers' Day as early as possible.

CURRENT PRICE LIST Subject to Change Without Notice.

BEAUTIES.	Per doz.
30 to 36-inch stems	$3.00 to $4.00
20 to 24-inch stems	2.00 to 2.50
15 to 18-inch stems	1.50 to 2.00
12-inch stems	.75 to 1.00

ROSES.	Per 100
Killarney, fancy	$8 00
" good	$5 00 to 6 00
" short	3 00 to 4 00
White Killarney, fancy	8 00
" " good	5 00 to 6 00
" " short	3 00 to 4 00
Richmond, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00
Ward, fancy	8 00
" good	5 00 to 6 00
" short	3.00 to 4 00

ROSES.	Per 100
Sunburst, fancy	8 00
" good	5 00 to 6 00
" short	3 00 to 4 00
Killarney Brilliant, fancy	8 00
" " good	5 00 to 6 00
" " short	3 00 to 4 00
Roses, our selection	3 00

ORCHIDS.	
Cattleyas, per doz.,	6 00

CARNATIONS.	
Carnations	3 00
" special fancy	2 00 to 2 50
" splits	1 50

CARNATIONS FOR MOTHERS' DAY	
Fancy White, per 100	$6 00
Fancy Pink and Red, " "	5 00

MISCELLANEOUS.	Per 100
Lilies	$10 00 to 12 50
Callas	12 50 to 15 00
Valley	3 00 to 4 00
Sweet Peas	50 to 1 25
Tulips	3 00 to 4 00
Daffodils	3 00 to 4 00
Jonquils	2 00 to 3 00

GREENS.	
Asp. Plumosus, per string,	$0 50
Asp. Plumosus Sprays, bunch,	$0 35 to 50
Sprengeri, per bunch,	35 to 50
Adiantum, per 100,	1 00
Smilax, choice, per doz.,	1 50 to 2 00
Fancy Ferns, per 1000,	3 00
Galax Leaves, per 1000,	1 00

KILLARNEY--WHITE KILLARNEY

KILLARNEY BRILLIANT
RICHMOND AND SUNBURST ROSES

CARNATIONS

SWEET PEAS-LILIES-VALLEY, ETC. ALSO GREENS.

☞ Late orders for Mothers' Day will be given immediate attention.

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

C. G. Anderson has resigned his position as superintendent of the plant department of Poehlmann Bros. Co., to accept the management of the Minneapolis Greenhouses at Minneapolis, Minn. Mr. Anderson will take his family with him and he will be ably assisted in the office by his daughter, Miss Pauline, and son, George.

The George Wittbold Co. is having so much landscape work to do now that the help in the retail store is called upon to lend a hand occasionally. The writer would have liked to have taken a snapshot of the store boys planting boxwood trees last week when they were all arrayed in their Sunday best, for the handsome looking young fellows certainly attracted a great deal of attention.

Weiss & Meyer Company of Maywood are still growing American Beauty roses on a large scale and are now cutting some fine flowers from stock planted a year ago last April. Paul Weiss takes great pleasure in showing the visitors about the greenhouses and the latch string is always out at this establishment.

H. E. Philpott, of Winnipeg, Can., who is here on business this week, says that his outdoor tulips are nearly all in bloom now, which is about three weeks earlier than last year.

USE **Budlong's** Blue Ribbon Valley.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Prices As Low As Others.

Wm. Lubliner, the South Wabash avenue florist, delivered a large floral piece which was a replica of the Paramount shield to Orchestra Hall building on May 1, when the Paramount Moving Picture Co. took possession for the summer months. The piece was 7x8 feet and stood on a large 10 foot easel that cost in the neighborhood of $40 alone. The sky, land and water were all reproduced and the entire piece was encircled in a large number of small red stars which represented the leading players in the Paramount employ. American Beauty roses, palm leaves and 60 bunches of immortelles were used to carry out the idea.

Poehlmann Bros. Co. is showing a fine line of roses at their store, which consists of all the best new, as well as the standard varieties and particularly noticeable are the exceptionally fine Mrs. Chas. Russell. Otto W. Frese says that the first shipment of peonies arrived last week. The Mothers' day trade is very brisk at this house and orders for this occasion are still arriving. At Morton Grove over 275,000 carnation plants have been set out in the field during the past week.

Peter Morgen of Huntingburg, Ind., was in the city this week when he placed an order for rose plants with Wietor Bros. Mr. Morgen worked for Wietor Bros. about nine years before he started in business for himself and now has quite a large range of glass devoted to American Beauty and other roses which are consigned mostly to the St. Louis market. He reports that business has been quite good with him and that he is thinking seriously of enlarging his place this year.

Allie Zech has been appointed manager of the firm of Zech & Mann and is thoroughly capable of assuming charge for he has been connected with this house for a great number of years and was to have taken charge anyway on July 1, when his father expected to take things a little easier. Mr. Zech will make good in his new position and the firm's customers can rest assurred that they will be taken care of as honestly as in the past.

Philip C. Schupp with J. A. Budlong is busy showing his friends his fine collection of Indian relics to which he recently made a valuable addition. If Mr. Schupp's collection was not quite so large, he could probably be induced to make an exhibit at one of the Florists' club meetings.

John Walsch of the Chicago Flower Growers' Association has recovered his gold watch which someone stole while he was at work one day last week. The police located it in one of the local pawn shops soon after he reported that it had been stolen.

Kennicott Bros. had several shipments of peonies this week and have started to book orders for same for Memorial day. The new telephone switchboard ordered several weeks ago has finally been installed and is now in working order.

Bassett & Washburn report business as very good this week with a heavy demand for carnations for Mothers' day. C. L. Washburn was greatly missed at the store on May 4, when we were informed that he had left on a trip to Aurora.

The Retail Florists' Association met at the Hardware club at Randolph street and North Wabash avenue on Monday evening, May 3, when some goods were sold and the general market conditions were discussed.

Erne & Klingel are filling a large number of orders for cut lilac, which is seen in large supply at their store. Baby gladioli are to be had in large supply at this house.

Hoerber Bros'. fancy home grown gladioli continue to attract much attention in the local market and are in good demand with the local buyers.

Senator Denvir's bill providing for a vote on issuing $1,000,000 bonds by the west park board of Chicago, was passed by the state senate, April 29.

The Chicago Florists' Club will meet at the Hotel Bismarck, West Randolph street, Thursday, May 6, at 8 p. m.

Joseph Ziska & Sons are very busy in the wire department and the force is kept on the jump all the time to keep up with the orders.

Robert Northam says that George Reinberg has had an unusually large cut of roses, especially Killarney, the past week.

Daniel Branch's store at 313 East Fifty-first street was partly destroyed by fire on Friday, April 30.

Harry Nicholson has accepted a position as gardener at the Evanston hospital.

The Batavia Greenhouse Co. is handling a large cut of lilac this week.

A. Miller, with A. Henderson & Co., left this week for Texas.

Plans are under way to hold a big fall show in this city.

THE RETAIL FLORISTS' CO.

Suite 510, 56 E. Randolph St.

Not for profit
But for the benfit of
its members.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

For MOTHERS' DAY

Roses AND Carnations.

Handling the output of approximately 75 expert growers, we insure our customers a selection and a variety of the finest products only.

PLAY SAFE—ORDER HERE NOW.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

Your First Order To Us

will add another **satisfied** customer to our list, and will prove the **advantage** of placing your order for cut flowers

Direct With The Grower.

Send us a trial order for **quality** stock in

CARNATIONS-ROSES-ORANGE BLOSSOMS.

You will be pleased with both our **quality** and **service.**

Fairview Greenhouses
Belvidere, Illinois.

A. L. Randall Co.,

LANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. LANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

George Reinberg

Wholesale Florist

Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. **Try us.**

162 N. Wabash Av., CHICAGO

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

USE Budlong's Blue Ribbon Valley.

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

The city hall has taken on a vernal aspect, following the installation of window boxes filled with shrubs and flowers. "Last year many of the business houses had flowers and greens in the windows of their buildings," said Commissioner of Public Works Lawrence McGann. "I believe they will do the same thing this year."

Visitors: Frank Farney, representing M. Rice Co., Philadelphia, Pa.; John Evans, Richmond, Ind.; H. E. Philpott, Winnipeg, Can.; F. W. Marquardt, Valparaiso, Ind.; A. C. Rott, Joliet; Hugo Mock, of the National Floral Corporation, New York, returning from California.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Wholesale Flower Markets

	Current Price List.	Per doz.
Roses, Beauty, specials		$4 00
" " 36-in		3 50
" " 30-in		3 00
" " 24 in		2 50
" " 20-in		2 00
" " 15-in		1 50
" " 12-in		75@1 00
" Mrs. Chas. Russell		1 00@ 3 00
		Per 100
" Killarney Brilliant		2 00@10 00
" Killarney		2 00@10 00
" White Killarney		2 00@10 00
" Richmond		2 00@10 00
" Prince de Bulgarie		2 00@10 00
" Rhea Reid		2 00@10 00
" My Maryland		2 00@10 00
" Mrs. Geo. Shawyer		2 00@10 00
" Milady		2 00@10 00
" Sunburst		2 00@10 00
" Mrs. Aaron Ward		2 00@10 00
" Hadley		2 00@10 00
" Ophelia		2 00@10 00
" Our selection		3 00
Carnations		1 00@ 3 00
Cattleyas	per doz., 4 00 to 6 00	
Daffodils		3 00@ 4 00
Gardenias	per doz., 3 00@ 4 00	
Gladioli		6 00@ 8 00
Jonquils		3 00@ 4 00
Lilium Harrisii		10 00@12 50
Romans		2 00@ 3 00
Snapdragons	per doz., 50@2 00	
Spanish Iris		6 00@ 8 00
Sweet Peas		75@ 1 50
Tulips		3 00@ 4 00
Valley		3 00@ 4 00
Violets		50@ 1 25
Adiantum Croweanum		1 00@ 1 50
Ferns	3 00	
Galax	" 1 00@1 25	
Leucothoe		75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00	
Plumosus Strings	each, 60@ 75	
Smilax	per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays		3 00@ 4 00

Boxwood, 25c per lb.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

Mention the American Florist when writing.

John Kruchten,

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

EXTRA FINE FANCY FERNS, 1000, $2.50
DAGGER FERNS, Extra Long, 1000, 2.00

This is the time of the year when you need good Ferns. We have them and you will find them the best you ever bought.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

MARKET SHOWS IMPROVED TONE.

The stock in some lines appeared to be a little off the past week, in consequence of which there were fewer flowers, and what appeared to be an improved tone to the market. A number of large weddings, at which quantities of flowers were used, also helped. Owing to the violent extremes of the weather, with the glass at 55° one day and over 90° the next, it is hard to keep some of the roses free from mildew. American Beauties are fine and hold up fairly well in price. Carnations are plentiful, very best white bringing but three dollars. They are quoted at from $6 to $8 for white, for Mothers' day, while other colors are offered for half. From the early inquiries it appears that the observance of the day will be greater than ever before in this city. This week winds up the daffodils and all other bulbous stock. Snapdragon has been very fine and was offered in immense quantities, the very low figures at which it was quoted making it the choice of many customers. Sweet peas are now quite a bit off, the hot days of last week shortening them very perceptibly. Easter and calla lilies are sold away down, the market being very full of them.

CLUB MEETING.

The May meeting of the florists' club was well attended, the feature being a talk by Adolph Farenwald about the coming national flower show. His statement that when the doors were open the revenue from various trade exhibits, programmes, catalogues, etc., would be sufficient to pay all expenses, leaving the gate for velvet, was the best news yet. He is sure the show is to be a great success. The summer outing and games of the club are to be held at Scheutzen park the second or third week of June. George Asmus and John Young of the national flower show committee, met the local committees Sunday, May 2, and went carefully over the situation. They expressed themselves much satisfied with the outlook and anticipate an exhibition that will be a record breaker in very many respects.

NOTES.

Mark Mills, who keeps, as it were, a telescopic view of things ahead, says that conditions are changing and the growers will have to change with them or fall behind in the race. He sees a shortening of the supply of cut flowers for next season, beginning with the chrysanthemum. He claims such a course as this is the only way to raise prices, and that a number of the level headed men of the business see it this way and are trimming their sails accordingly. He thinks hot house vegetables will be a side line with many of them.

A lady, who had her window boxes filled with yellow pansies, and which were a blaze of color, saw her florist and requested that other colors to the amount of half in the boxes be planted. She was obliged to do this, owing to the importunity of her friends, who claimed she was giving assistance and aiding the cause of the "votes for women movement," which has adopted yellow flowers as the official color.

At the suffragette parade, Saturday, May 1, in which 10,000 women took part, there was a great demand for yellow flowers. Some of the auto's were elaborately decorated with all kinds of yellow stock, together with yellow ribbons.

A large floral fair or flower market is to be held in Rittenhouse Square, May 16, similar to that of last season. It is to be much larger than that of a year ago and will be distinctly a society event. The proceeds are for charity.

American Beauty roses and snapdragons are features with the Leo Niessen Co. Cornflowers are also a feature, as are carnations. The cut for Mothers' day, it is believed, will be the largest they have ever handled.

Wholesale Flower Markets

BOSTON, May 5.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	1 00@ 2 00
" select	1 50@ 3 00

BUFFALO, May 5.	
Roses, Beauty, special, doz.,	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	30 00@40 00
Carnations	1 00@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00

CINCINNATI, May 5.	
Roses, Beauty	per doz., $1 00@$3 00
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	4 00@ 8 00
Asparagus Plumosus	per bch., 25c
Carnations	1 00@ 2 00
Orchids, per doz	3 00
Sweet Peas	25@ 50
Rubrum Lilies	2 00@ 6 00

ST. LOUIS, May 5.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	1 00@ 1 50
Orchids	35 00@50 00
Violets	25@ 40
Asparagus Sprengeri, per bu.	25@50
Asparagus Plumosus, per bu.	25@60
Harrisii	6 00
Sweet Peas	25@ 50
Callas	6 00@ 8 00
Ferns	per 1000, 2 50
Leucothoe	per 100, 60
Galax	per 1000 1 25

Patrick Welch
Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.
American Beauties, Orchids, Valley, Carnations.
All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

CORSAGE PINS.

With either White, Pink, Nile, Orchid or Violet Color Heads.

4½-in. long, per doz. $0 15
Gross (12 doz.) 1 00

CORSAGE FOIL

Can be had in either green or violet color.

Per lb. $0 25
10 lbs. and over at 20
20 lbs. and over at 18

CORSAGE CORDS

(Violet, Green, Pink or White Colors.)

	Per doz.	Per gross
Large size	$0 35	$4 00
Small size	25	3 00
Baby Cords		1 25

—Write for complete list of other items.—

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Mr. Brunswick, of the M. Rice Co.'s force, in his enthusiasm, got into the game with such energy that he broke his arm. We might have expected this of Bobbie Shock, who is most strenuous, but so far has escaped injury.

H. H. Battles is fitting up his new addition next door to the Century as a show room for garden and other pottery. The finest work in this line will be seen here.

The department store cut flower counters or departments are carrying large stocks these days and appear to be handling quantities of flowers at low prices.

Jos. Heacock has lately handled some immense cuts of roses from Roloff's greenhouses. A number of new sorts will be planted the coming season.

Edward Reid says: "We are ready, and will have the best quality of white carnations in town, bar none—the genuine Reid brand. K.

Bayside, N. Y.

Frederick M. Richter, who two years ago leased the "Oaks" greenhouses, formerly known as the Taylor estate, has put the range into good shape. He is growing orchids, lily of the valley, roses and carnations. The range comprises about 60,000 square feet of glass. He is also running the farm which comprises 200 acres.

Charles Thienel is preparing the ground for a new house, 25x151 feet. The construction will be by the Lord & Burnham Co.

S. Szybillo is already planting chrysanthemums, also asters. He will plant nearly 20,000 chrysanthemums.

At O. J. Mertt's a good general stock was noted and Mr. Mertt is already very busy with spring work.

Wholesale Flower Markets

PHILADELPHIA, May 5.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus, per bunch.	50

PITTSBURGH, May 5.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00@ 1 50
Carnations	1 50@ 2 00
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00@ 4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Iris	4 00
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch,	35@40

Frank Finger is now quite busy planting out carnations, asters and other outdoor stock.

George Muhlbradt makes a specialty of sweet peas and his stock looks fine.

Mrs. C. Smith has a neat retail store on Bell avenue.

A. F. F.

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, May 5.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@ 8 00
" Ward, Sunburst	3 00@ 8 00
" Mrs. Chas. Russell	10 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	3 00@ 5 00
Lilies	8 00@10 00
Snapdragon, per bunch, 25c @ 50c	
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Tulips, Freesia	2 00
Daffodils, Trumpets	2 00
Romans, Paper Whites	2 00@ 3 00

HUTCHINSON, KAN.—To encourage the "central" girls at the Missouri & Kansas Telephone Company to take an interest in the development of the little beauty spot which surrounds the exchange building, prizes are to be given to the girls setting out and raising the prettiest flower beds.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, $6.95

300 Bulbs, $18.00
1200 " 70.00

C. S. & CO. NEW YORK

LILY OF THE VALLEY PIPS

1000 Pips, $15.00
2500 " 35.00

$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

DULL BUSINESS CONTINUES.

From one stanza of Louis Carroll's humorous poem on the Walrus and the Carpenter, we learn that:

"The time has come," the walrus said,
"To talk of many things:
Of shoes—and ships—and sealing-wax,
Of cabbages—and kings—
And why the sea is boiling hot—
And whether pigs have wings."

At the present time nearly everybody in the wholesale cut flower district would rather talk of "many things" than the condition of business, for business continues very dull. There is considerable stock moving but at sacrifice prices. Saturday, May 1, there was some improvement, not so much in prices, but there was nearer to being a clean-up than on any previous day of the week. The latter part of the week was quite cool and generally cloudy, which may, for a few days, somewhat check the influx of stock. The market is yet flooded with lilac and will be for some time, as the native crop is now coming in. In addition to this there is a good supply of various flowering shrubbery. American Beauty and other roses, gardenias and carnations continue cheap. It would appear that good sweet peas go better than most other stocks.

May 3.—Saturday, May 1, seems to have been the best day for business that the trade has seen for a number of weeks. Though there was no great advance in prices, business was active and there was a fair clean up. A number of important weddings are booked for this week, but there are few other social functions that will call for decorations. Arrivals of stock are light today and there has been a fair movement in the wholesale district.

CUT FLOWER EXCHANGE.

The annual meeting of the stockholders of the cut flower exchange, was held at Moquin's restaurant, Sixth avenue and 28th street, May 1. The following directors were re-elected: G. C. C. Schrader, Elmhurst; Jasper McMullen, Whitestone; P. Haas, College Point; Victor S. Dorval, Woodside. It was the largest vote cast since the organization of the exchange. George Golsner, College Point, and Adam Greener, Woodside, were elected inspectors of election. After the stockholders' meeting adjourned the directors held a meeting and the president, secretaries and treasurer were re-elected as follows: John Schneider, Astoria, president; Charles Beckman, Elmhurst, treasurer; Victor S. Dorval, secretary; P. F. Kessler, Woodside, assistant secretary. The financial condition of the exchange was shown to be good. Thomas Jackson continues as marketmaster.

NOTES.

A visit to the florists that are near Holy Cross cemetery, Brooklyn, found them all busy and apparently prosperous. The range, formerly the property of the late D. Y. Mellis, which comprises between 50,000 and 60,000 square feet of glass, is in very fine condition. There is an immense stock of geraniums, coleus, bedding begonias and all other stock necessary for successful bedding work. There is a nice store for design and counter trade. W. D. Boyd, late of Rochester, N. Y., recently took the position of foreman at this range. We judge that he is a clever man and a capable grower. The business details are managed by Mrs. A. D. Mellis. Thomas J. Dixon, also near Holy Cross, has a neat range and a good stock of bedding plants. A third firm, H. Giese & Son, are engaged largely in cemetery work.

On May 1, J. H. Small & Sons arranged an elaborate decoration in the ball room of the Waldorf-Astoria hotel, the occasion being a "white breakfast" by the Rubinstein club, a musical organization. The eight columns were banked with dogwood and the same blossoms were profusely and artistically used in festoons, on the balconies. As there were 1,500 ladies present the capacity of the ballroom was overtaxed. The overflow was seated in the foyer, where around a sunken garden and a group of statuary a large circular table had been arranged. The sunken garden was a mass of white blossoms. The table decorations were of American Beauty roses and white carnations.

In one of the large show windows of David Clarke's Sons' store, 2139-2141 Broadway, at 75th street, we noted a fine representation of a wedding decoration. In the background and along the aisle approaching the prie dieu, there was a wealth of white hydrangeas. White daisies, palms and ferns completed the decoration. This firm has just issued the following notice to its customers: "Hereafter no orders for cut flowers or plants will be taken for Sunday delivery. All cut flowers intended for Sunday's use will be delivered Saturday afternoon late, extra precaution being taken in packing same in order that they may keep fresh, if box is placed in a cool room unopened until wanted."

John B. Nugent, of Young & Nugent, 42 West 28th street, is making great improvements in this store. He recently extended the show window and made other improvements in front. Now the wooden ice box in the store has been removed and is being replaced by a new one with a plate glass front. Mr. Nugent and his staff have been very busy recently with decorations and funeral work.

Louis Schmutz and his son, Louis, Jr., Brooklyn, have a great stock of foliage plants, all in good condition. Ferns, dracænas, Pandanus Veitchii and many other plants are seen at this range in variety. Louis Jr. recently had the misfortune to have his right wrist badly sprained and is carrying it in a sling but keeps at work with the other hand.

Charles Habermann, 2608 Broadway, has been quite busy recently with wedding decorations and outdoor planting. It is not too late to state that Mr. and Mrs. Habermann are the proud parents of a son now six weeks old. Their only other child is a daughter, aged fourteen years.

We found our old Brooklyn friend, G. Messeberg, busy and cheerful as usual. He grows a mixed stock of cut flowers and bedding and flowering plants and all are in good condition.

Secretary John Young, of the S. A. F., in addition to his other duties is now very busy on the plans for the national flower show to be held at Philadelphia in the spring of 1916.

With other good stock, we have noted at the store of Guttman & Raynor, Inc., a very fine lot of Ulrich Brunner roses from Victor Zuber & Sons, Whitestone, L. I.

Trepel & Bershad, Brooklyn, at their store, called the "Blossom," in addition to cut flowers are now handling a large stock of fruit trees and flowering shrubs.

John J. Misner, who now conducts the retail store known as Hartman's Rosery, 2654 Broadway, is showing very clever features in floral arrangements.

Otto Mueller, Woodside, who now has the S. Schiloskie range, is growing a fine stock of table ferns and vegetable plants.

The news of the death of Prof. John F. Cowell came as a shock to his friends in this city.

James Coyle has removed from 104 West 28th street to 102, one door east.

John Mallon is now quite recovered from his recent illness.

At the closing meeting of the season, the following scores were rolled by the New York Florists' bowling club:

H. C. Riedel	174	178	189
P. Jacobson	146	161	150
J. Miesem	149	163	158
C. W. Scott	152	178	149

A. F. F.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

J. K. ALLEN

Established 1878
118 West 28th Street
New York

Wholesale Commission Dealer in Cut Flowers.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Consignments Solicited. Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer

Phones 1664 Madison Square, 1665
34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.
Mention the American Florist when writing

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.
Mention the American Florist when writing.

Paul Meconi

Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

New York Autocar Station.

One of the largest and most completely equipped motor truck garages and service stations in the country was formally opened at 553-557 West Twenty-third street, New York, last month. It is the new quarters of the Autocar Sales Co., a factory branch of the Autocar Co., Ardmore, Pa., makers of the celebrated Autocar delivery vehicle, now used by many of the prominent florists throughout the country. The Autocar Sales Co. was formerly located on West Nineteenth street. Rapidly increasing business necessitated larger quarters to take care of the big list of Autocar owners in the metropolitan district and the old Twenty-third street building of the United States Express Co., a block long, was purchased. For many months it has been in the hands of the Autocar Co.'s engineers and workmen undergoing remodeling, until now in its completed state it represents the most advanced ideas in facilities for the exhibition, housing and maintenance of commercial motor vehicles. Invitations were sent out to Autocar owners and other business men in New York and vicinity to visit the building on the opening days as the guests of Walter T. Savoye, the local branch manager. Service to owners, as developed by the Autocar Co., consists of a very complete programme, all looking to the prolongation of the life of each car and the maximum of usefulness in all lines of delivery work. At this new building in New York, just as at the company's branches in other cities, Autocar owners are encouraged to take advantage of the garaging service, which includes daily inspection of cars, washing and polishing, caring for minor troubles, and the adjustments which every piece of machinery requires from time to time. The sales and show rooms are at the Twenty-third street front and the entire rear of the ground floor of the immense building is given over to garaging space.

Geo. C. Siebrecht

WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, May 5.	Per 100
Roses, Beauty, special	8 00@20 00
" " extra and fancy	5 00@ 6 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	1 00@ 6 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	4 00@ 6 00
" Mrs. Geo. Shawyer, special	3 00@ 6 00
" " extra	2 00@ 3 00
" " " No. 1 & No. 2	50@ 2 00
" White Killarney, special	4 00@ 6 00
" Killarney, My Maryland... special	4 00@ 5 00
" " No. 1 and No. 2	50@ 2 00
" " Queen, special	2 00@ 5 00
" " Brilliant	50@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 5 00
" Sunburst	50@ 6 00
" Taft	50@ 6 00
" Milady, special	50@ 6 00
" J. L. Mock	1 00@ 6 00
" Hadley	1 00@15 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	50@ 2 00
Cattleya Orchids, special	25 00@50 00
" " inferior grades	15 00@20 00
Jonquils	1 00@ 1 50
Lilies, Longiflorum and Harrisii	3 00@ 5 00
Lily of the Valley	1 00@ 3 00
Tulips	1 00@ 1 50
Gardenias.....per doz., 75c@$1.25	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	1 25@ 1 50
Sweet Peas, per doz. bunches.	35@ .50
" Spencer type, 100 flowers.	.50@1.00
White Lilac .....per bunch.	50@ 75

United Cut Flower Co., Inc.

WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

HORACE E. FROMENT

WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER

Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company

FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing.

George B. Hart

WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford

121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing.

Mention the American Florist when writing.

Removal Notice

IT is with pleasure that we announce the occupation of our handsome new factory building at 1302-1308 West Division Street (near Elston Avenue), which will hereafter be our headquarters. Our new factory is well lighted, easily reached, sanitary in every respect, and considerably larger than our old quarters on South Peoria Street, which enables us to take even better care of all orders than in the past. Get in touch with us in regard to your next supply of folding flower boxes, for the quality of the stock we are offering is so reasonably priced that you cannot possibly afford to place your order elsewhere.

Write for Samples and Prices Now.

A. A. ARNOLD PAPER BOX CO.
1302-1308 West Division St., CHICAGO, ILL.

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

THE SEFTON MFG. CO.,
1333 W. 35th St., CHICAGO, ILL.

Baltimore.

STOCK MOVES SLOWLY AND PRICES LOW.

Fine weather has caused an overproduction in the local cut-flower market, and what little is moving goes at a very low price. The only outlet for any of the varieties was in design work, which has been about normal. Garden planting and landscape gardening has started with the favorable weather, and the gardeners and nurserymen are working their full forces. The florists have enjoyed a splendid season in blooming plants and have cleaned up on this stock. With Mothers' day near at hand, local florists, realizing the impossibility of securing white carnation stock in supply equal to the call, are doing all in their power to educate the public to the fact that Mothers' day is a flower day not limited to one color or variety, and are talking roses and other flowers effectively.

J. Bolgiano & Son are taxed to their full capacity in all departments in keeping up with orders. Spring bulbs have been in heavy demand and stock in many lines is depleted.

Edwin A. Siedewitz has a full force working at the nurseries, and it keeps them busy keeping up with the demand. He reports a splendid sale in all blooming plants.

Samuel Feast & Son are much pleased with business conditions, having had a splendid season. They anticipate excellent Mothers' day business.

Thomas Vincent has had a successful season. He sold out completely in plants.

R. J. B.

FLORISTS' REFRIGERATORS—CATALOG FREE

BUCHBINDER BROS.,
518 Milwaukee Ave., Dept. F, CHICAGO

Decorative Evergreens

Long Green Leucothoe, $2.00 per 1000.
Medium Green Leucothoe, $1.50 per 1000,
Short Green Leucothoe, 75c per 1000.
Ferns (Fancy and Dagger) 70c per 1000, or $3.25 per case of 5000.
Galax (Bronze and Green) 45c per 1000, or $3.75 per case of 10,000.

Fresh Fancy Stock. Your Business is Solicited

HAMPTON & PERKINS,
ROAN MOUNTAIN, TENNESSEE.

JAMESTOWN, N. Y.—Heelas' Flower Shop, opened here recently, reports business up to expectations.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers.** and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

Southern Wild Smilax

New Crop now ready for shipment. $2.50 per case
Natural and Perpetuated Moss.

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing.

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing.

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing.

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing.

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing.

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing.

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. **CLEVELAND**

Mention the American Florist when writing.

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. T. J. JOHNSTON & CO. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing.

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

FLOWERS

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing.

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Addres4, DARDSFLOR.

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

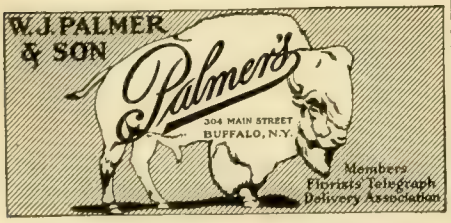
Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,
1415 Farnum St. TELEPHONES 1501 and L 1582
Members of The Florists' Telegraph Delivery.

Pittsburgh.

HEAVY CUTS IN STOCKS AND PRICES.

The market here has held up remarkably well of late, considering the warm weather we have experienced for the past two or three weeks. Cuts on everything have been enormous, and it is certainly surprising to the wholesalers how well it moves, but when prices are kept down as low as they are at present, it can always find an outlet. The supply of roses and American Beauties is exceptionally strong, and it does not take long for roses to fly wide open during these warm days. Carnations continue to hold their own and we are expecting a good supply for Mothers' day, but, it seems, there never is quite enough stock to go around for this event. Most of the local carnation growers report that they are entirely over their heavier spring crops, but will, however, have a fairly good supply for the end of the week. The planting season is now over, but the greenhouse men are kept quite busy disbudding their plants, as the troublesome side-shoots seem to thrive best at this season of the year. The season for sweet peas is about over now, and we might add that this has been one of the best, if not the very best, seasons for peas. Bulbous stock is not much in evidence and it is very seldom that one sees any more inside tulips, daffodils or narcissi now. Good lilies are scarce, and are seldom seen any more.

NOTES.

Ross Adgate, traveler for the McCallum Co., has entered a new venture for traveling men, by adopting a Ford roadster with large sample case attached, for use in calling on his trade. This is probably the first instance in the business of this means of travel, and he will cover his Ohio, Pennsylvania, Indiana and West Virginia territory in much better time and ease than heretofore.

Albert T. Lorch has installed an electric light plant in his boiler house which furnishes light and power to his greenhouses, stable and residence. Mr. Lorch designed and built the entire system himself and is justly proud of it.

We are looking for a large attendance at the next meeting of the florists' club, May 4, when Dr. Jennings, of Carnegie Institute, will give an illustrated lecture on "Rambles in Northwestern Ontario."

J. M. Johnson has kept things hustling at his three stores, in McKeesport, Braddock and Homestead. He always takes advantage of the gluts, and moves large quantities of goods at low prices.

T. P. Langhans has sold his summer cottage at Allison Park and expects to locate his summer home in Bakerstown soon.

Nick Marron has added a department for cut flowers to his large confectionery business. G. C. M.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for FLOWERS. Delivered to all parts of the country. Special care, select and artistic work.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

WASHINGTON
D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

913 Grand Avenue

All Orders Given Prompt and Careful Attention

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing.

Kansas City, Mo.

Geo. M. Kellogg Flower & Plant Co.

1122 Grand Ave. Kansas City and Pleasant Hill, Mo.

Will fill all orders for Cut Flowers, Funeral Designs Wedding and Birthday Gifts, that may be entrusted to them.

Mention the American Florist when writing.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing.

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing.

Washington, D. C.

Blackistone.

14th and H. Street.

JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

Mention the American Florist when writing.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing.

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing.

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing.

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist

2221-2223 W. Madison St. CHICAGO.

All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,

FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City.

Little Rock, Ark.

PAUL M. PALEZ,

FLORIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

Mention the American Florist when writing.

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heinl)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing.

DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.

DULUTH, MINN.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF **HEINL'S**

New York.

MYER, FLORIST, 609-611 Madison Ave

Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Memphis, Tenn.

The Flower Shop The Leading Florists

69 MADISON AVENUE

KANSAS CITY, MISSOURI.

ROCK'S FLOWERS

Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice

Trade discounts. First-class stock.

Mention the American Florist when writing.

GEORGE RYE

"Some Florist"

16 N. 6th St., **Ft. Smith, Ark**

Mention the American Florist when writing.

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

DENTON FLORAL CO., S. W. KANADY, Mgr. **DENTON, TEX.**

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist

1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON

TORONTO, CANADA

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

Members of Florists' Telegraph Delivery.

Funeral Emblems Cut Flowers

Brown Bros. & Co.,

Ltd.

FLORISTS, NURSERYMEN AND SEEDSMEN

Bulbs Seeds

48 Hastings St., E.,

Vancouver, B. C.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

---

Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery.

"Get them at Dreer's"

Roses for Outdoor Planting

Two-year-old plants, potted up into 5 and 6-inch pots during the winter months, stored in cold houses and frames and now in best possible condition to sell to your retail customers. Over 200 varieties, in Hybrid Tea, Hybrid Perpetual, Moss, Rugosa, Wichuraiana, Rambler, Baby Rambler, Pernetiana and Tea Varieties.

New Hybrid-Tea Rose Willowmere.

Hardy Perennials

The best collection of serviceable varieties in the country. Large planters, among whom we include the leading Landscape Architects throughout the country, appreciate the advantage of the **Dreer Pot Grown Plants** over the socalled Field Grown Clumps. No doubt, you are familiar with our stock, if not, give it a trial. Specialties in this line are, **The New Anchusas, Anemone Japonica, Aquilegias, Hardy Asters, Astilbes, Hardy Chrysanthemums, Delphiniums, Digitalis, Hardy Ferns, Funkias, Hardy Grasses, Double Gypsophila, Heleniums, Helianthus, Giant Hibiscus or Mallows, Iris Germanica, Iris Kaempferi, Poppies, Penstemons, Paeonies, Hardy Phlox** (over 150,000 of these in stock), **New Phlox Arendsi, Hardy Pinks, Primulas, Double and Single Pyrethrums, Salvias, Saxifraga, Scabiosa, Spiraeas, Stokesia, Trollius, Tritomas, Veronicas, Violas,** etc.

Artemisia Lactiflora.

Hardy Shrubs

All the popular varieties. **Hardy Azaleas, Andromeda, New Buddleias, Hydrangeas, Japanese Maples, Rhododendrons** of tested hardy varieties, **Altheas, Deutzias, Philadelphus, Spiraeas, Viburnums, Weigelias,** etc.

Aquatics

We are headquarters for **Water Lilies,** both **Hardy** and **Tender. Nelumbiums, Victorias** and **Sub-Aquatic Marginal Plants.**

Ornamental Plants

Boxwoods in **Pyramids, Trees, Balls** and **Bushes, Palms, Ferns, Crotons, Dracaenas, Pandanus,** etc.

Bulbs

Amaryllis, Tuberous Begonias, Caladiums, Dahlias, Gladiolus, Lilies, Cannas, etc.

Hardy Climbers

Ampelopsis, Aristolochias, Bignonias, Clematis, Honeysuckles, Hardy Ivies, Hardy Jasmines, Polygonum Auberti, Kudzu Vines, Climbing Hydrangeas, Wistarias, Vitis, etc.

All of the above and many other seasonable **Plants** and **Bulbs** are fully described in our January 1st. Wholesale Price List, which will be mailed to anyone in the trade on application.

HENRY A. DREER

714-716 Chestnut Street, Philadelphia, Pa.

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

GREENSBORO, N. C.—C. Scott & Co., seedsmen, have added a wholesale department.

THE Marlow Seed Co., Wichita, Kan., has taken over the business of the Wichita Central Seed Co.

KANSAS CITY, MO.—Lively business is reported by local seedsmen. Prices on clover are 25 per cent higher than last year.

THE Dutch government has prohibited the exportation of grass seeds. It is thought this may be revoked after the sowing season is over.

NEW YORK.—Some seedsmen are offering in the daily papers first size named gladiolus bulbs, as low as 75 cents per hundred bulbs, prepaid.

BROADVIEW, MONT.—The Broadview Seed Co. has been incorporated by Thomas S. Hunt, M. I. Warden and M. J. Kastenholz; capital $30,000.

NASHVILLE, TENN.—J. R. Peay & Co., seedsmen, say: "We are having all we can do to keep up with the demands made upon us. Business is good with a vengeance."

ROSWELL, N. M.—The Roswell Seed Co., the Roswell Produce Co., and the Farmers' Supply Co., following a merger, are now trading as the United Seed and Fruit Co.

DUTCH seeds to be exported from that country must be of Dutch origin (not German) and so certified to by the local burgomaster, this to prevent seizure by the allies.

AN order has been issued by the German chancellor, prohibiting the exportation of field beet seed, a step evidently taken to prevent enemy countries from getting German seed.

VENTURA, CALIF.—The Hogue-Kellogg Co. is inviting members of the American Seed Trade Association to visit the bean fields of Ventura county on their California convention trip next month.

SOUTHERN FRANCE cables of May 5 indicate an asking price by the Syndicate Agricole of 90 francs per 1,000 for whole crop white Roman hyacinth bulbs, 19 francs for Narcissus Paper White Grandiflora, 20 francs for freesias.

MILWAUKEE, WIS.—Richard Wagner, president of the Wisconsin Sugar Co., has returned from abroad with a large supply of sugar beet seed. Wisconsin is assured of a quantity sufficient to supply beet growers in that state for two years.

ALBANY, N. Y.—Ten thousand packages of seeds and bulbs for the school children of this city have been supplied on contract by Louis H. Schaeffer & Son, seedsmen. They also supplied flower seeds, bulbs and lawn grass seed for the governor's mansion and the city parks.

CHICAGO.—Prices for grass seed on the Board of Trade May 5 were as follows: Timothy, $5.50 to $7.00 per 100 pounds.—A. H. Goodwin, of the W. W. Barnard Co., who has been fishing at his country home in Indiana, returned to this city May 3.

LOUISVILLE, KY.—P. W. Hardin, president of Hardin, Hamilton & Lewman, seedsmen, whose store was destroyed by fire, April 1, places the firm's loss at $40,000, practically covered by insurance. The firm is now located at 228 West Main street.

SPRINGFIELD, ILL.—The proposed Illinois seed law was withdrawn by the agricultural committee May 4, after a conference with the seedsmen represented by Geo. S. Green, of the Illinois Seed Co., Chicago; Leonard H. Vaughan, of Vaughan's Seed Store, Chicago; John M. Clark, of the Leonard Seed Co., Chicago, and H. W. Buckbee, of Rockford.

LOS ANGELES, CALIF.—Walter Bodger, of the John Bodger & Sons Co., has returned to his home from the hospital, where he was operated upon for appendicitis, but it will be some weeks before he is able to resume work. This firm reports the loss of a considerable acreage of sweet peas and many of its other flower seed specialties were destroyed by winds early in April and had to be sown again late.

Potato Group Classification.

"Group Classification and Various Descriptions of Some American Potatoes," a professional paper by Wm. Stuart, horticulturist, has been issued by the bureau of plant industry, United States department of agriculture, as Bulletin No. 176, dated March 27, 1915.

In dwelling upon the almost hopeless state of potato nomenclature and the growing need of some simple and fairly reliable method by which the student and grower can recognize well enough at least to place potatoes in the groups in which they belong, the bulletin presents a classification key and 29 plates, reproductions to exact scale of the following varieties: Irish Cobbler, Bliss' Triumph, Quick Lunch, Early Michigan, Early Rose, grown in Maine and Minnesota; Early Ohio, Prize Early Dakota, Late Beauty of Hebron, Columbus, Pride of Multnomah, White Beauty, Burbank's Seedling, Russett Burbank, Green Mountain, Gurney's White Harvest, Rural New Yorker, Carman No. 3, Pearl, Blue Victor, Improved Peachblow, grown at Carbondale, Colo.

Varietal descriptions are also given of many varieties of potatoes of present or past commercial importance. The increasing necessity for intelligent study of the numerous varieties is clearly demonstrated by the large number of old varieties offered to the public each year under the guise of new names, which has naturally led to much confusion. The recognition of old varieties under new names is almost certain to result from such study, and should tend to discourage the tendency to manufacture new varieties out of old ones.

Federal Plant and Seed Law.

The new federal law intended to protect agriculturists and horticulturists from the importation of vegetable pests, such as the San Jose scale and other forms of plant life, became effective April 8, 1915.

The new law provides that it shall be unlawful for any firm, person or corporation to deposit in the United States mails, any package containing any plant or plant product addressed to any place within a state maintaining an inspection thereof, without plainly marking the package so that its contents may be readily ascertained by an inspection of the outside.

Omission to mark a package of this kind is punishable by a fine of $100. On receipt of a package containing plant matter, it is sent to the state department of agriculture, where it is inspected. If no signs of plant disease are found, the sender is notified, and on receipt of the necessary postage, the package is again sent to the postoffice, where it is forwarded to the consignee. Where scales or vegetable life is found, the entire shipment is at once destroyed.

Ants Steal Seeds.

An observant plant grower recently stated that he believed the seedsmen were often blamed for selling poor seeds when the actual facts were that ants carried away the seed after it was sown. He said that he had recently sown about $30 worth of seed, in flats, and he was willing to believe that the ants would get half of it be-

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Contracting Growers Crop 1915

PEAS, BEANS, CUCUMBER.

Strictly first-class quality.

Alfred J. Brown Seed Co.

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

BETTER STRAINS IN
Thorburn's Seeds
THORBURN successes each season, are due to modern seed testing machines, "proving" grounds, years of experiment and some of the best horticultural men in the seed business.
Have we your name? You would like our valuable seed literature.
J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

Growers and Specialists
CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.
Sioux City Seed & Nursery Co.
Established 1883.
Mention the American Florist when writing.

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm.
Bristol, Pa.

New Price List of my celebrated Winter-flowering
ORCHID SWEET PEAS
will be out in June. If you are not on our mailing book, send your name and proposal.
ANT. C. ZVOLANEK,
Sweet Pea Ranch, Lompoc, Calif.

fore it had a chance to come up. This is the little red ant so well known to florists. The industry and co-operation of ants are proverbial. My informant stated that he had watched their work with much interest and when a seed proved too heavy for an individual ant, two or three others would turn in and help.

BALTIMORE, MD.—Taxed to capacity, and in one instance using a night and day force, local seedsmen report that there seems to be no let up to orders, notwithstanding the fact that dry weather has caused a lull in the call for garden seeds. A good rain would bring a big demand from market gardeners.—Downs & Co. report a very good season, and are working a full force.—Griffith & Turner Co. report a successful season, the demand continuing good in all lines.—J. Bolgiano & Son are busy in all departments. An extra force is needed to keep up with orders.—R. J. B.

FERTILIZERS, ETC.
BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.
SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50· 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.
ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.
THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO
Mention the American Florist when writing.

LILY OF THE VALLEY
For June Weddings
Special from cold storage. $13.00 per 1000; $7.00 for 500; $4.00 for 250; $32.00 per case of 2500.
H. N. BRUNS, 3032 Madison St., Chicago
Mention the American Florist when writing.

LILY OF THE VALLEY PIPS
Extra fine qualities. New crop.
Danish and German.
Ask for quotations.
LOECHNER & CO., 11 Warren Street, NEW YORK
Mention the American Florist when writing.

BEANS, PEAS, RADISH
and all Garden Seeds
LEONARD SEED CO.
226-230 W. KINZIE STREET, CHICAGO
ONION SETS
GROWERS FOR THE TRADE
Write for Prices

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
Mention the American Florist when writing.

TOMATO SEED
Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.
Mention the American Florist when writing.

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

KENTIA SEED

FORSTERIANA AND BELMOREANA

New crop, fresh, good seeds.
Case lots, 2¼ bushels per case.

Write for prices and particulars.

McHutchison & Co.,
The Import House
17 Murray Street, NEW YORK

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

Mention the American Florist when writing.

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.
Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of
POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

CHAS. H. TOTTY

MADISON, NEW JERSEY.
Wholesale Florist

Chrysanthemum Novelties My Specialty

MRS. FRANCIS KING.

GLADIOLUS
Mrs. Francis King

Best, biggest, most effective decorative Gladiolus for Home Gardens and Retail Store Window Work.

A big seller wherever offered for the next 30 days.

Bulbs of our own growing—

	Per 1000
First size, above 1½-in.	**$ 9.00**
Regular blooming size, nearly 1½-in.	**7.00**

Every retailer will make money by planting a few thousand.

These flowers sold on the Chicago wholesale market the week of April 25 at $1.50 per doz.

A General stock of all other Gladiolus.

Cold Storage Lilies.

	No. in case	Per 100	Per 1000
Giganteum, 7-9 inch	100	$6.00	
Giganteum, 7-9 inch	300		53.00
Giganteum, 8-10 inch	225		75.00
Giganteum, 9-10 inch	200		90.00
VALLEY PIPS (best grade for forcing)			16.00

CHICAGO. **Vaughan's Seed Store,** NEW YORK.

THE
J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

BRUNNINGS

Leading Suppliers of
EUCALYPTUS
and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.

Special quotations on application.

BOXWOODS

Exceptionally fine stock in the following shapes and sizes:

Bushes, 10-in.....25c, $3.00 per doz.
Bushes, 12-in.....30c, 3.60 per doz.
Bushes, 12-in. extra heavy, 10-in. wide, 40c, $4.80 per doz.
Bushes, 15-in.....50c, $6.00 per doz.
Bushes, 18-in .....$1 00 each
Bushes, 24-in..... 1.25 each
Bushes, 2½-ft., extra special..... 3.00 each
Bushes, 3½-ft., extra special..... 6.00 each
Pyramids, 30-in..... 2.00 each
Pyramids, 36-in..... 3.00 each
Pyramids, 3½-ft..... 3.50 each
Pyramids, 4-ft..... 4.00 each
Pyramids, 5-ft..... 6.00 each
Pyramids, 6-ft..... 12.00 each
Standards, 2-ft. stem, 12-15 in crown.....$2.00
Standards, 2-ft., 18-24-in. crown.....$3.00 each
Globe, 12 in..... 1.75 each
Globe, 15-in..... 3.00 each
Globe, 18 in..... 5.00 each
Standard Globes, 16-in. heads..... 3.00 each
Globe, 24-in..... 6.00 each

Bay Trees.

3 ft. stem, 30 in. crown.....$10.00 each
18-in. stem, 32-in. crown..... 10.00 each
4-ft. stem, 30-in. crown..... 10.00 each
4-ft. stem, 36-in. crown..... 12.50 each
4-ft. stem, 42-in. crown..... 15.00 each

Cyclamen.

Pure White; Grandif. Alba; White, carmine eye; Excelsior, white, red eye; Glory of Wandsbek, 3-in. pots, ready now, 8c each. Wonder of Wandsbek, Rose Von Marienthal, Brilliant Red, Bright Red, Dark Red, Rosy Morn, for June delivery, in 3-in. pots, 8c each.

Cyclamen.

Seedlings, Transplanted.—Mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl.....$4.00 per 100

Coleus.

Assorted, 2-in.....$2.50 per 100
Yellow Pfitzer..... 2.50 per 100

Single Petunias.

3-inch.....$6.00 per 100

Aucuba Japonica.
15-in., 60c each; 2-ft., $1.00 to $1.25 each

Laurus Cerasus.
75c to $1.00 each.

Mahonia Bushes.
18 to 24 inches, 50c each

—ORDER TODAY—

THE GEO. WITTBOLD COMPANY

L. D. Phone, Graceland 1112

737-39 Buckingham Place, CHICAGO

S. M. Isbell & Co.,

Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade
CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.
S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

MANN'S
Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to
OTTO MANN, Leipzig, Saxony, Germany

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to
S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK. and Orange, Conn.

Forcing Roses

Why not place that order now for your present need and future wants? GET THE HABIT. We will do the rest.

	Per 100	Per 1000
Hoosier Beauty, grafted, strong, 2½ inch.....	$35.00	$300.00
Russell, " " "	15.00	125.00
Sunburst, " " "	12.00	100.00
Ophelia, " " "	15.00	130.00
Hadley, " " "	15.00	120.00
Milady, " " "	12.00	110 00
Mrs. Geo. Shawyer, " " "	12.00	110.00
Aaron Ward, " " "	12.00	110.00
Killarney, " " "	12.00	110.00
White Killarney, " " "	12.00	110.00
Killarney Brilliant, " " "	12.00	110.00
Richmond, " " "	12.00	110.00
SUNBURST, the King of Yellow Roses, Own Root	9.00	85.00

Special attention given on 3 inch and 4 inch stock for forward delivery.

VAUGHAN'S SEED STORE

31-33 W. Randolph Street, CHICAGO.
43 Barclay Street, NEW YORK.
Greenhouses, Western Springs, Ill.

SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets
IN BEST VARIETIES.
Prices low. Send for list.
Wood Brothers, FISHKILL New York
Mention the American Florist when writing.

Vinca Variegata

The best stock you can buy. 3-inch strong plants, $4.00 per 100. Cash.
Mrs. Carl Hirsch, Hillsdale, Mich.
Mention the American Florist when writing.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

COLUMBUS, O.—At a meeting of market gardeners held in this city, April 10, a committee to plan the organization of a state vegetable growers' association was named.

M. L. RUETENIK, of Cleveland, O., president of the Vegetable Growers' Association of America, is being endorsed for membership on the board of control of the Ohio State experiment station.

Prices of Indoor Fruits and Vegetables.

Chicago, May 4.—Mushrooms, home grown, No. 1, 75 cents per pound; lettuce, 17½ cents per box; radishes, 35 cents to 50 cents per dozen bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, $1.00 per dozen.

NEW YORK, May 4.—Cauliflower, per dozen, $2.00 to $3.00; Cucumbers, 90 cents to $1.00 per dozen; mushrooms, 50 cents to $1.25 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 50 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Mexican Tomatoes for United States.

A shipment of 9,400 cases of tomatoes raised near Atlanta, Sinaloa, Mexico, has been distributed among the Pacific coast cities during March, according to the Los Angeles Examiner. As previously reported by the department of commerce of the United States, during the shipping season which ended in June, 1912, fresh tomatoes to the amount of 257 carloads, having a net weight of 5,860,232 pounds were exported from Mexico to the United States. Last year, the importations amounted to 196 carloads; net weight, 4,289,619 pounds.

Soil Troubles.

Vegetable greenhouse men have no end of trouble from their soils, something that florists avoid by rapidly changing their soils each year. The depth of solid beds and the extent of vegetable houses make a change each year a big job, but decrease of yields or total losses are too serious to be ignored. We have had some trouble ourselves for the first time. Starting with a wornout soil, we found it practically impossible to overdo the feeding. However, as our soil became changed gradually, we have now approached the limit. The first signs of trouble may be found in the reluctance of newly transplanted plants taking a hold. This is emphasized when they are well watered. In fact it is much better to carry such plants along by light and frequent syringing and very little soil moisture until they have a good root system. We believe that the theory that soil moisture is needed in proportion to fertility holds good in practice—the richer the ground, the less moisture and vice versa.

A bad case of sickness is easily induced by an over supply of water. Green house soils become overcharged with food elements because they are not subject to the rigors of the weather. Out-doors, we annually loose very much by heavy rains and snows, often during the dormant period. An overcharged soil out doors is soon corrected by the weather, but not inside. In our own case we have so far received prompt relief from the free use of lime, and believe vegetable growers use far too much manure and not enough lime for best results. Lime should have a place in the yearly rotation, and an annual removal and replacement of a part of the soil is advisable. If possible, this should be also a corrective, thus an intensely black soil would be benefitted by some yellow clay, loam and sand, while a sandy soil would respond to a black soil top-dressing. It is cheaper to correct wrong tendencies as we go than to have to resort to radical measures. As regards sterilization we agree with an old grower who said that the best sterilizer is a gang of Italians with wheelbarrows.

MARKETMAN.

Minneapolis, Minn.

CHEAP SALES ARE FEATURED.

Market conditions have been very unsatisfactory to both growers and retailers, the weather being warm and business quiet, with a heavy supply of bulbous stock in evidence. Cheap sales were a feature in many stores and signs on the window called attention to sweet peas at 15 cents a bunch and tulips, 25 cents a dozen. Carnations and roses were also offered at 25 cents a dozen, and the stock good, which will make it look much like a hold-up when Mothers' day prices are quoted. Sweet peas have already advanced from $3 to $10 per thousand, roses jumped from two cents and six cents, and are now quoted at four cents to 10 cents. Carnations have stiffened in price, the best grade advancing from $2.50 to $4 per 100.

Some of the older florists think Mothers' day a very nice addition to the flower business, but that if the prices are going to be prohibitive at this time of the year, it will soon die out of its own accord, instead of growing as it should do. Who is to blame?

Hans Rosacker has his two new houses, 28x260, well under way. The wind storm, April 28, blew one of them down, owing to the ends not being securely anchored. The loss is mostly in the delay and labor as there was no glass in. He is also going to put up two more the same size when these are finished, using Foley construction.

Several of the boys went fishing last Saturday to Lake Minnetonka and report the croppies being the best and the largest catches in years.

Wm. Desmond of Donaldson's leaves for Hutchinson, Minn., to look after the planting of the parks in that city.

The boys are not showing up at the bowling alleys—most of them say they get enough exercise hustling plants.

John Rovick, father of J. S. Rovick, of Rice Brothers' staff, died suddenly Saturday, May 1, aged 58 years.

The florists' windows have been very attractive of late, with a great variation of taste in the displays.

Oscar Amundson was on the sick list last week, but is around again.

Visitor: Mrs. Della McDonnell, of Osage, Iowa.

T. C. R.

MINNEAPOLIS, MINN.—The Chicago Avenue Floral Co. has petitioned the city for permission to annex two houses of semi-iron construction to its range.

CHRYSANTHEMUMS

50,000 rooted cuttings and plants from soil Leading market sorts. Write for prices.

William Swayne, Kennett Square, Pa.

CABBAGE PLANTS

Early and late Flat Dutch All Head, Wakefield, early and late Drumhead, Danish Ball Head and other varieties. 30c per 100, by Parcel Post. By Express 75c per 500; $1.00 per 1000; 10,000 and over, 85c per 1000.

Beet Plants, 75c per 500; $1.25 per 1000.

Cash with order. Send for list of varieties.

R. VINCENT, JR. & SONS CO., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT

170 Pages.—Price $1.00—29 Illustrations.

AMERICAN FLORIST COMPANY

440 S. Dearborn Street, Chicago.

Watch for our Trade Mark stamped on every brick of

Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

Trade Mark **American Spawn Co. St., Paul, Minn.**

Landscape Gardening

PROF. BEAL.

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

Send for catalogue. Address

The Home Correspondence School

Dept. C. F., Springfield, Mass.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

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Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in, cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub. 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

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Rooted Cuttings and Plants.

See May 1st Issue

Express Prepaid on Rooted Cuttings.

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Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

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Robert Craig Co...

High Class **PALMS**

and Novelties in Decorative Plants.

Market and 49th Sts., Philadelphia, Pa.

GERANIUMS

Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and Buchner	$10 00 per 1000
Ricard and Poitevine	12 50 " "
Asparagus Plumosus	25 00 " "
Smilax	12 50 " "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

NAPLES, N. Y.—Walter Wilgus, of Rochester N. Y., has purchased the greenhouse of Levi Lyon.

BRAINTREE, MASS.—Herman Waldecker, of the firm of Waldecker Bros., has received a letter from his brother Carl, the other member of the firm, stating that he is at Arras, France, with the 14th German Army Corps. He had not been heard from since last July.

OMAHA, NEB.—Mrs. Mattie M. Mackey of Excelsior, Minn., has entered suit to oust Paul B. Floth, florist, from a lot at Thirty-first and Burt streets she claims is hers. Floth claims ownership of the property for twenty years, and says although it was a hole and swamp when he acquired it, he has improved the property.

Cut Flower Roses

Fine Stock from 2¼-inch pots. Ready Now.

Sunburst	$40.00 per 1000
Prince Charles de Arenberg	40.00 per 1000
Lady Alice Stanley	40.00 per 1000
Ophelia	50.00 per 1000
Francis Scott Key	50.00 per 1000

Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,

The Largest Rose Growers in the World. Springfield, Ohio

Mention the American Florist when writing.

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
White Killarney	$4.00	$35.00	Richmond	$3.00	$25.00
Pink Killarney	4.00	35.00	Maryland	4.00	35.00
Mrs. Aaron Ward	4.00	35.00	Sunburst	4.00	35.00

CHOICE 3½-IN. PLANTS.

Mrs. Aaron Ward	$6.00 per 100;	$50.00 per 1000
Sunburst	6.00 per 100;	50.00 per 1000

Specify Plants When Ordering.

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BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

VISITED CHICAGO.—Jas. Meiklejohn, representing H. Frank Darrow, New York.

DES MOINES, IA.—Fire, which started in packing material, caused small damage at the Watrous Nurseries, April 24.

PROSPECTS for fruit in Nebraska this year are the best for the past five years, according to J. R. Duncan of the Nebraska State Horticultural Society.

STITHTON, KY.—The Kentucky Farm & Orchard Co. has been incorporated by S. L. Smith, F. J. Watts and W. M. Brown, of Louisville. The capital stock is $50,000.

MOBILE, ALA.—Growers from three states who are interested in orange growing, pecan culture and truck farming, gathered in this city, April 27, for the second annual meeting of the Gulf Coast Horticultural Society.

NEW ORLEANS, LA.—Mrs. Uriah J. Virgin, wife of the well known Canal street florist, has the distinction of being the first woman commissioner appointed in this city for the park beautification plan. She is commissioner of public parks on and along Canal street.

MISSOULA, MONT.—State Horticulturist M. L. Dean reports that the fruit outlook in the surrounding valleys was never so promising at this season of the year. Weather conditions in western Montana have been especially favorable for both grain and fruit.

PITTSBURGH, PA.—Twenty thousand trees, the gift of the city council, were planted May 3, by school children here. Many of the trees were placed in school yards, where appropriate exercises were held. This is the largest number of trees ever planted here at one time and is part of a plan to make the city attractive.

Early Flowering Trees and Shrubs.

It is interesting to note that our gardens depend almost entirely on foreign trees and shrubs for their greatest beauty in early spring. To this general statement, however, there are a few exceptions. The ground under the red maples (Acer rubrum) is now red with their fallen flowers, while the Norway maple (Acer platanoides) is just opening its bright yellow flowers, which will make this tree conspicuous for another week. Two interesting native shrubs, too, the Spice bush (Benzoin aestivale, sometimes called Lindera Benzoin), and the leatherwood (Dirca palustris), have been covered for several days with their small bright yellow flowers which appear before or with the unfolding of the leaves. There are large groups of these plants on the right-hand side of the Bussey Hill road, opposite the upper end of the lilac group. Not very often cultivated, they deserve a place in every spring garden. Among early-flowering American plants is also to be mentioned the shad bush of the southern states, Amelanchier canadensis. This is the largest and earliest flowering of the whole genus, and is often a tree of considerable size. It is now in flower on the left-hand side of the Meadow road, entering from the Jamaica Plain gate, where the general collection of these plants has been arranged. In another week the Arboretum will be gay with the flowers of the shad bushes, for these plants have been largely used in the mixed plantation along the drives. With these few exceptions, however, the shrubs which make the greatest show here in the early spring, the magnolias, Forsythias, cherries, peaches, apples, pears, azaleas, honeysuckles, lilacs and berberis are from the old world.—Arnold Arboretum Bulletin, April 28, 1915.

Chestnut Bark Disease Quarantine.

The chestnut bark disease has become so serious that in the opinion of the United States department of agriculture it is desirable to quarantine New England, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, Ohio, North Carolina, Iowa, and Nebraska, or such portions thereof as may be found to be essential. A public hearing on this question will be held in Washington, D. C., at 10 o'clock, May 18. The proposed quarantine will restrict the movement from this territory of chestnut nursery stock and chestnut lumber with the bark on.

The chestnut bark disease is comparatively recent in this country. Its origin is not absolutely known, but it is believed that it was brought in indirectly from China, where it exists also. In 1908 it was found widely distributed in the Hudson river valley and in the vicinity of New York City. It is caused by a fungus which rapidly kills the native chestnut trees and is spread chiefly by the distribution of nursery stock. Once it has been established, however, it is spread locally by wind, birds, and insects. Migratory birds may also carry the disease for long distances.

Since this disease is proving fatal to the native chestnuts in the infected area, it is quite probable that their place may be taken by chestnut orchards grown for the nuts in areas that have not as yet been infected and from which it is hoped that the proposed quarantine will keep out the infection. At the present time the native chestnut grows in practically all of the territory east of the Mississippi except a section of the costal plain of the southern states, the northern half of Maine, and parts of Illinois and Michigan. For two years after the tree has been killed by the fungus the timber remains valuable, but deterioration sets in after that time.

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists — Largest Growers in America
Box 404, DUNDEE, ILL.

WANTED
2 Year Asparagus Roots.
Spiraea A. Waterer.
Mountain Ash Trees.
C. B. Whitnall, 419 East Water St., MILWAUKEE, WIS.

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CROMWELL, - CONN.
Mention the American Florist when writing.

Spring List **Roses**
Ferns, Plants, Vines, Bulbs, Etc.
THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO.

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
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NURSERY STOCK for OUTDOOR PLANTING
Roses, Vines, Clematis, Perennials, Shrubs, Shade Trees.
Send for list—We sell to the Trade only.
Jackson & Perkins Company
NEWARK, NEW YORK

The Wagner Park Nursery Co.
SIDNEY, OHIO,
—Growers of Choicest—
Nursery Stock, Conservatory and Greenhouse Plants.

Headquarters for
HEDGE PLANTS
I still have on hand a hundred thousand California Privet, 2 to 3 feet and 3 to 4 feet; fine stock at low prices. Also a few thousand Amoor Privet, 1½ to 2 feet and 2 to 3 feet.
Contracts solicited for California Privet, Amoor Privet and Berberis Thunbergii in car lots for fall delivery.
J. T. LOVETT,
Monmouth Nursery
LITTLE SILVER, - N. J.

READY NOW. READY NOW.

500,000 Superb Strain

PANSIES

Field-grown, in bud and bloom. This strain is the result of twenty years of careful breeding, and is absolutely the best for commercial purposes. Price: $1.25 per 100; $10.00 per 1000. Some extra large plants, $15.00 per 1000.

Vinca Var., out of 4-in. pots, $10.00 and $12.50 per 100
Geraniums, out of 3½-in. pots..... 7.00 per 100
Salvia Splendens, out of 3½-in. pots. 5.00 per 100

Cash. By express only.

LEONARD COUSINS, JR.,
Concord Junction, Mass.

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

2½-in. Rose Plants

GOOD STOCK

Pink Killarney White Killarney and Richmond at $3.00 per 100; $25.00 per 1000.

2-yr. old Asparagus Plumosus Clumps from bench, $3.00 per 100; $25.00 per 1000.

GEORGE REINBERG,
162 N. Wabash Ave., Chicago.

For the Best New and Standard

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Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

If you are short of Blooming Plants, such as

Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,

Wire your order to

GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

CARNATIONS

F. DORNER & SONS CO.,
LaFayette, - - Indiana

Manhasset, N. Y.

Henry Lustgarten, who has quite a large range, is cutting fine Enchantress and Victory carnations. Considering the unseasonably hot days of the past two weeks his stock is holding out well. He is also cutting fine Spencer peas. Mr. and Mrs. Lustgarten are somewhat disturbed by their children being sick with measles. There does not, however, seem to be any cause for alarm.

A. F. F.

SPECIAL

A WITTBOLD Boston Fern—30 inches high, in a substantial, self-watering, wooden tub—at the special price of $1.00.

Just the thing for porch, sun-parlor or out-door decoration—this combination is a big retail value at from $2.00 to $2.50.

The price to you is only $1.00.

HOW MANY CAN YOU DISPOSE OF?

Write, wire or phone today.

L. D. Phone Graceland 1112.

THE GEO. WITTBOLD CO.
737-739 Buckingham Place, Chicago

Watch for Our Advertisement on Self-Watering Flower Boxes.

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

Weiland & Risch
154 N. Wabash Ave., CHICAGO

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000, Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1 00. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

MUSCATINE, IA.—The members of the senior class at the high school are contributing to a fund to fill urns in front of the building with pot plants. Five cents is asked of each pupil.

Geraniums

S. A. Nutt and 5 varieties, 2½-in. pots $3.00 per 100; 3-in. pots, ready, $4.00 per 100.
Cannas, 10 varieties, from 3 and 4 in. pots, $3.50 per 100; King Humbert, $5.00 per 100.
Vinca, variegated, 4-in. pot, $10 per 100.
Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.
Coleus, 10 varieties, ready, 2½-in. pots, $2.00 per 100.
Alternantheras, red and yellow, ready, $2 00 per 100.
Pansy Plant, Giant flowering, transplanted plants, $1.00 per 100.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

Mention the American Florist when writing.

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids.** Special lists on application.

LAGER & HURRELL, Summit, N. J.

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ROOTED CHRYSANTHEMUM CUTTINGS

Our stock is exceptionally fine this season and is the best that you can get anywhere for the money. Select what you want from the following list and let us have your order as early as possible. The early buyer usually gets the pick of the cream, but that is not the case here for all of our stock is of uniform quality and everybody is treated alike until the supply is exhausted. Get busy. Order now.

WHITE.	Per 100	1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15 00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00

WHITE.	Per 100	1000
Chas. Razer	$2.00	$15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00

PINK.	Per 100	1000
Unaka	$2.00	$15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION COMPANY, Joliet, Ill.

Oklahoma City.

IMMENSE BEDDING PLANT TRADE.

We are having an abundance of rain, so unusual, and everything outdoors is growing immensely. The florists are kept very busy in their bedding plant lines; every store claims that there is much more business in this branch of the trade than has ever before been experienced here. There is also a fairly good demand for flowers right along with a good wedding decoration coming along occasionally.

NOTES.

The State Civic Improvement Association has been formed, with headquarters in this city, its object being to promote a love for the beautiful in out-door surroundings, and developing a true appreciation of flowers, shrubs, trees and lawns in every available location. Dr. Charles Evans, Edmond, Okla., is president, and S. S. Butterfield, Oklahoma City, is corresponding secretary.

Cushing, an oil town about 100 miles northeast, is developing into a good flower buying town; much cut stock is being shipped there and is being handled there by tradesmen in other lines of business—a good chance for some enterprising youth to start a florists shop there.

The Stiles Co. had quite a large wedding decoration to arrange at Paul's Valley this week. This town is 61 miles south of here. C. Bickes, with one of the helpers in the store, had charge of the arrangement.

The Women of '89, an association that does a great deal of good work along civic lines are preparing plans for their annual flower show to be held sometime in June. S. S. B.

Cincinnati.

TRADE CONDITIONS UNIMPROVED.

The market last week showed no improvement over that of the few weeks previous. Supplies of all lines were still very plentiful and kept the market very crowded, while the demand, though fairly steady, was fairly strong. Roses, including American Beauties, are all in a heavy supply. Carnations are very plentiful and lilies sufficient for all present needs are coming in, but there is apparently no especially strong demand for them. Some very fine orchids may be had. The first of a new crop of sweet peas has just made its appearance and is very good. Other offerings are lily of the valley, callas, snapdragons, gladioli, peonies and irises. New ferns are in the market.

NOTES.

C. E. Critchell has been having some very fine eastern American Beauty roses of good foliage and color. He was the first in town to offer southern ferns this spring.

Frank Kyrk and Miss Edna Ganzmiller will marry on June 22. The prospective bridegroom is receiving the hearty congratulations of his many friends in the trade.

Wm. Taylor has been cutting some fine pink and white peas, as well as excellent Gladiolus America.

The local florists' society's regular meeting will be held Monday evening, May 10, at the Hotel Gilson. H.

Free

This Fine

BUDDING KNIFE

With 2 New Subscriptions.

American Florist Co.

440 S. Dearborn St., CHICAGO

A Few Good Things You Want.

Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $15.00; 5-in. $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in , $2.00 per 100.
Salvia Zurich, Mme Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.
Cash with order.

GEO. M. EMMANS, Newton, N. J.

Flowering, Decorative and Vegetable Plants

BY THE THOUSAND.

Liberal Extras for Early Orders,

Size of pots.		Per 100	1000
2¼ in.	**Abutilons,** Savitzii or 8 varieties mixed	$2.25	$20 00
2¼ in.	**Ageratums,** white, light and dark blue	2.25	20.00
2¼ in.	**Alyssum,** Large Giant or Little Gem	2.00	18.00
2½ in.	**Asp. Plumosus** or **Hatcheri**	3.00	25.00
4 in.	**Asp. Plumosus** or **Hatcheri**	7.50	70 00
2½ in.	**Asp. Sprengeri,** large plants	2.50	22.50
4 in.	**Asp. Sprengeri,** large plants	6.50	60.00
3½ in.	**Begonia,** flowering, 8 lead'g vars	10.00	90.00
3 and 3½ in.	**Cannas,** King Humbert	5.00	45.00
3 and 3½ in.	**Cannas,** Brandywine, Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in.	**Centaurea,** Dusty Miller	2.25	20.0
2½ in.	**Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed	2.50	22.50
2½ in.	**Cupheas,** Cigar Plants	2.25	20.00
	Dracaena Indivisa, 4, 5, 6 in., $10.00, $20.00 and $25.00 per 100.		
2¼ in.	**Fuchsias,** dbl. and sgl. 12 vars.	2.75	25.00
4 in.	**Fuchsias,** dbl. and sgl., 12 vars.	7.50	70.00
	Funkia, variegated clumps	5.00	45.00
2¼ in.	**Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc.	2.25	20.00
3½ and 4 in.	**Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc.	7.00	65.00
2¼ in.	**Heliotropes,** white, light and dark blue	2.75	25.00
4 in.	**Heliotropes,** white, light and dark blue	7.50	70.00
4 in.	**Lantanas.** 6 vars	7.00	65.00
2½ in.	**Marguerites,** white, yellow and Mrs. Saunders	2.50	22.50
	Pansy Plants, transplanted, choice varieties, in bloom	1.25	10.00
2¼ in.	**Petunias,** sgl., mixed vars	2.50	22.50
2¼ in.	**Petunias,** dbl., 12 vars., mixed	3.00	25.00
3½ in.	**Petunias,** dbl., 15 vars., mixed	6.50	60.00
	Rudbeckias, Golden Glow	3.00	25.00
2½ in.	**Salvias,** Bonfire and Splendens.	2.50	22.50
3 in.	**Salvias,** Bonfire and Splendens.	5.00	45.00
2½ in.	**Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00
2½ in.	**Vincas,** variegated and green, fine stock	3.50	30.00
4 in.	**Vincas,** variegated and green, fine stock	7.00	65.00

Golden-leaved Privet OVALIFOLIUM aurea, Excellent for filling urns and porch boxes. From 6-in. pots, 18 to 24 in. high, very bushy, 35c each; 4-in. pot plants 15 in. high 15c each. Young plants for potting, $6.00 per 100.

Vegetable Plants by the Million.

Big Boston and Grand Rapids **Lettuce Plants** $1.50 per 100.
abbage, Early Winningstadt, Wakefield, Henderson Early, Summer etc., $2.50 per 1000.
Cauliflower Plants, Early Paris and Snowball, $5.00 per 1000.
Tomato Plants, Earliana, Jewel, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2 25 per 1000.
Pepper, Egg Plants, Sweet Potatoes, Etc.

—Correspondence solicited.—

ALONZO J. BRYAN

Wholesale Florist

WASHINGTON, - NEW JERSEY

Mention the American Florist when writing.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

STRONG, WELL-ROOTED CUTTINGS.

	Per 100.	Per 1000.
P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

DAVIS FLORAL CO., DAVENPORT, IA.

Alternantheras, red and yellow, fine 2-inch plants, $2 per 100; $18 per 1,000. Fred Sammet, Upper Sandusky, Ohio.

Alternantheras, red and yellow, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, fine stock, Robusta compacta, large plants, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri, 2¼-in., $2.50 per 100; $22 per 1,000; 3-in., $5 per 100; $48 per 1,000; 4-in., $10 per 100; $98 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

Asparagus plumosus, 2-year-old from bench, $3 per 100; $25 per 1,000. Geo. Reinberg, 162 N. Wabash Ave., Chicago.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

ASTERS

ASTERS, Henderson's Invincible, a fine aster for cutting and trade pullers for your customers' own planting. Separate colors, strong transplanted plants, $5 per 1,000. Thinly sown seedlings ready to set out, $3 per 1,000. Semple's Branching in four colors, $3 per 1,000. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEDDING PLANTS.

Bedding plants: Alternantheras, alyssum, ageratum, begonias, Cobæa scandens, coleus, caladiums, dusty miller, Dracæna indivisa, geraniums, rose geraniums, pansy geraniums, heliotrope, English ivy, German ivy, lobellas, marguerites, marigolds, pansies, primulas, phlox, petunias, ricinus, salvias, smilax, torenia, Vincas, verbenas, Wandering Jew. For prices see double page advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding plants: Ageratums, alyssum, asparagus, begonias, cannas, centaureas, coleus, cupheas, dracænas, fuchsias, funkias, geraniums, heliotropes, lantanas, marguerites, pansy plants, petunias, rudbeckias, salvias, verbenas, Vincas. For varieties and prices see advertisement elsewhere in this issue. Alonzo J. Bryan, Washington, New Jersey.

Bedding stock: Fuchsias, alyssum, swainsona, achyranthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Mellor, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIAS, single tuberous begonias, separate colors, red, white, pink, yellow; one-inch diameter; fine condition. Will make beautiful pot plants for summer sales. Speak quick if you want them. Price $1 per 100, postpaid. THE TEMPLIN-CROCKETT-BRADLEY CO., Sta. A, Cleveland, O.

Begonia Glory of Cincinnati, $18 per 100, net. J. A. Peterson & Sons, Westwood, Cincinnati, O.

BOXWOOD.

Boxwoods—Bushes: 10-inch, 25c each; $3 per doz.; 12-inch, 30c each; $3.60 per doz.; 12-inch, extra heavy, 10 ins. wide, 40c each; $4.80 per doz.; 15-inch, 50c each; $6 per doz.; 18-inch, $1 each; 24-inch, $1.25 each; 2½ ft., $3 each; 3½ ft., $6 each. Pyramids: 30-inch, $2 each; 36-inch, $3 each; 3½ ft., $3.50 each; 4 ft., $4 each; 5 ft., $6 each; 6 ft., $12 each. Standards: 2 ft. stem, 12-15-inch Crown, $2 each; 2 ft., 18-24-inch Crown, $3 each. Globe: 12-inch, $1.75 each; 15-inch, $3 each; 18-inch, $5 each; 24-inch, $6 each. Standard globes, 16-inch, heads, $3 each. THE GEO. WITTBOLD CO., 737 Buckingham Place, Chicago.

BOXWOOD, Pyramids and Bush Form. Nice heavy bushes, 8 to 10 ins., $1.75 per dozen; 10 to 12 ins., $2.50 per dozen; 12 to 15 ins., $3.50 per dozen; 15 to 18 ins., $5 per dozen. Pyramids: 2 to 2¼ ft., $1 each; $10 per dozen; 2½ to 3 ft., $1.50 each; $16.50 per dozen; 3 to 3½ ft., $2 each. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Boxwoods, extra fine stock. Write for list and prices. Vaughan's Seed Store, Chicago and New York.

BULBS.

Bulbs, cold storage lilies: Giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonias, single tuberous rooted, in separate colors, per doz., 40c; per 100, $2.50 Caladiums, sound bulbs with live center, 5-7-inch cir., per 100, $2; 7-9-inch cir., per 100, $3.50. A. Henderson & Co., 369 River St., Chicago.

FISHER'S PURITY FREESIA BULBS. Large stock; prices right. Place your orders now. CURRIER BULB CO., P. O. Box 102, Seabright, Calif.

BULBS.

Bulbs, cold storage, giganteum and manificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, amaryllis, tuberous begonias, caladiums, dahlias, gladiolus, lilies, cannas, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CALCEOLARIAS.

Calceolaria grandiflora pumila compacta, robusta and Jams'; 4-inch, 15c. Fine stock. Cash please. Toledo Greenhouses, 2829 Chestnut St., Toledo, O.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000. King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc Improve, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 3-inch, large plants, King Humbert, F. Vaughan, Wallace, Kate Gray and Express, $5 per 100. Cash, please. Harry Heinl, West Toledo, Ohio.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Cannas, 10 vars., 3 and 4-in. pots, $3.50 per 100; King Humbert, $5 per 100. Jos. H. Cunningham, Delaware, Ohio.

CARNATIONS.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.

158 N. Wabash Avenue, Chicago, Ill.

FIELD-GROWN CARNATIONS.
READY NOW.

Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.

CHARLES H. TOTTY,
MADISON, N. J.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

CHRYSANTHEMUM R. C.
IMMEDIATE DELIVERY.

2000 Timothy Eaton
3000 Florence Pullman
3000 Yanoma (late white)
1500 Silver Wedding
1000 Maj. Bonnaffon
1000 Higginbotham (pink)

$1.00 per 100; $10.00 per 1000.
MEMPHIS FLORAL CO., MEMPHIS, TENN.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. The best cut flower varieties that grow. Send for a complete list, pot plants, $2 per 100; rooted cuttings, $1.25 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, the best bedding kinds that grow, including Firebrand, Golden Bedder, Verschaffeltii, Trailing Queen and 10 other varieties; strong 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Coleus, Golden Bedder and 20 other good varieties from 2 to 2½-inch pots, $2 per 100; $17.50 per 1,000. 500 at 1,000 rates. Coleus Brilliancy, 3-inch, $3 per 100. Fred Sammet, Upper Sandusky, Ohio.

Coleus, assorted, $2.50 per 100; Yellow Pfitzer, $2.50. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Coleus, Trailing Queen, rooted cuttings, 60c per 100, prepaid. D. W. Leatherman, Anderson, Ind.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, Golden Bedder, Verschaffeltii and others, 2½-inch, 3c. Fine plants. Cash with order. Gus Schlegel, Olney, Ill.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

Cyclamen seedlings, transplanted, mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl, $4 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for present delivery, thrifty young plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

Dahlias for sale cheap to close out; whole field clumps; true to name. Send for list. George Popp, Jr., Fort Recovery, Ohio.

DAISIES.

Daisies, Sanders and Alexandra, strong 2½-inch, 4c; 3-inch, 6c; 4-inch, 10c. Vincas, 4-in., 10c. Pansies, $8 per 1,000 in bloom. Cash, please. T. NELSON, Morris, Ill.

DRACAENAS.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $15; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EVERGREENS.

EVERGREEN SEEDLINGS.

Try some of these strong, well-rooted, American grown Evergreens seedlings for lining out—they are sure to please you.

	Size inch	100	1,000
Abies Balsamea (Balsam Fir)	4-8	$1.00	$5.00
Abies Concolor (Concolor Fir)	3-6	1.25	8.00
Abies Concolor (Concolor Fir)	6-12	1.65	9.00
Abies Douglassi (Douglas Fir)	3-6	1.00	4.00
Abies Douglassi (Douglas Fir)	4-8	1.25	5.00
Larix Europea (European Larch)	12-18	1.00	4.50
Picea Alba (White Spruce)	4-8	1.50	8.00
Picea Canadensis (Black Hill Spruce)	3-6	1.50	7.00
Picea Englemanni (Engleman Spruce)	3-4	1.50	4.00
Picea Englemanni (Engleman Spruce)	3-6	2.00	8.00
Picea Excelsa (Norway Spruce)	4-8	1.25	3.50
Picea Pungen (Colo. Blue Spruce)	4-6	1.50	5.00
Picea Orientalis (Oriental Spruce)	3-6	1.00	5.00
Pinus Austriaca (Austrian Pine)	6-10	1.25	5.00
Pinus Banksiana (Jack Pine)	3-6	1.00	2.50
Pinus Banksiana (Jack Pine)	6-12	1.25	5.00
Pinus Flexilis (Limber Pine)	4-8	1.00	4.00
Pinus Mugho (Dwarf Mt. Pine)	4-6	1.00	4.50
Pinus Ponderosa (Bull Pine)	3-6	1.00	3.00
Pinus Ponderosa (Bull Pine)	6-12	1.50	6.00
Pinus Resinosa (Norway Pine)	3-5	1.00	5.50
Pinus Strobus (White Pine)	2-5	1.00	4.00
Pinus Strobus (White Pine)	4-8	1.25	5.00
Pinus Sylvestris (Scotch Pine)	3-6	1.00	3.00
Pinus Sylvestris (Scotch Pine)	6-12	1.25	4.00
Pinus Sylvestris (Scotch Pine)	10-20	1.50	5.00
Thuya Occidentalis (Am. Arbor Vitae)	3-6	1.00	7.00
Thuya Orientalis (Chinese Arbor Vitae)	2-5	1.00	4.50

Terms—net, cash with order, or satisfactory references.

50 at 100 rates; 500 at 1,000 rates.
THE D. HILL NURSERY CO., INC.,
EVERGREEN SPECIALISTS,
Box 404, Dundee, Illinois.

FERNS.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-in., fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

GERANIUMS, Buchner, white, 4-inch, bud and bloom, 8c. Nutt, 3½-inch, 7c. Nutt, Buchner, white, bud and bloom, 2½-inch, 3c. All good stocky plants. Beaute Poitevine, Ricard, Viaud, 2½-inch, 3c. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, S. A. Nutt, $10 per 1000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt and 5 varieties, 2½-in., $3 per 100; 3-in., $4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12½ each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLUS.

GLADIOLI.

	Per 100	Per 1,000
America, first size	$1.40	$12.00
America, blooming size	.85	8.00
Augusta, first size	1.60	14.00
Augusta, blooming size	.85	8.00
Francis King, blooming size	.85	8.00
Princeps, first size	1.60	14.00
Panama, first size	4.50	40.00

A. HENDERSON & CO.,
369 River Street, Chicago.

Gladiolus, Mrs. Francis King, 1st size, above 1½-in., $9 per 1,000; regular blooming size, nearly 1½-in., $7 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, long leucothoe, $2 per 1,000; medium, $1.50; short, 75c. Ferns, fancy and dagger, 75c per 1,000, or $3.25 per case of 5,000. Galax, bronze and green, 45c per 1,000, or $3.75 per case of 10,000. Hampton & Perkins, Roan Mountain, Tenn.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild slimax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

IVIES.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

English Ivy, 4-in., 2 to 4 leads, $8 per 100. Cash, please. Harry Heinl, West Toledo, O.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

Lily of the valley, extra fine quality. New crop, Danish and German. Loechner & Co., 11 Warren St., New York.

LILY OF THE VALLEY.

From Storage.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Hardy climbers: Ampelopsis, aristolochias, bignonias, clematis, honeysuckles, hardy ivies, hardy jasmines, Polygonum. Auberti, Kudsu Vine, climbing hydrangeas, Wistarias, Vitis, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Nursery stock for outdoor planting. Roses, clematis, shrubs, vines, perennials, shade trees. Send for list. We sell to the trade only. Jackson & Perkins Company, Newark, New York.

Hardy Shrubs; hardy azaleas, andromeda, new buddleias, hydrangeas, Japanese maples, rhododendrons, altheas, deutzias, philadelphus, Spireas, Viburnums, Weigelias, etc. Henry A. Dreer, 714-716 Chestnut St., Philadlphia, Pa.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

Conifers, shade and ornamental trees. Bobbink & Atkins, Rutherford, N. J.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.
Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$ 0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	.... 3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$ 0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7.	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28 ..	$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs. 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Balmoreana. McHutchison & Co., 17 Murray St., New York.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c; 6-in., $1.25 to $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

PANSIES.

PANSIES—225,000 large, stocky (September transplanted), field-grown, blooming pansy plants. Henry Mette's Strain, all salable stock. Satisfaction guaranteed. $1 per 100; $10 per 1,000. Cash. Prompt shipping. BRILL CELERY GARDENS, Kalamazoo, Mich.

Pansy plants, giant flowering, transplanted, $1 per 100. Jos. H. Cunningham, Delaware, Ohio.

Lily of the valley for June weddings, special from cold storage, $13 per 1,000; $7 for 500; $4 for 250; $32 per case of 2,500. H. N. Bruns, 3032 Madison St., Chicago.

PANSIES.

PANSY PLANTS—Mammoth varieties, all shades and colors imaginable. Strong plants in bloom, delivered to you, all charges prepaid, Doz., 25c; 100, $1.75; 1,000, $15. Plant catalog free. GLICK SEED AND PLANT FARM, Smoketown, Pa.

Pansy plants, best strain, giant fall transplanted, in bud and bloom; just nice size plants, $12 per 1,000; any quantity same rate. Cash, please. Taylor's Truck Gardens, 217 Judson St., Elmira, N. Y.

Pansies, field-grown in bud and bloom, $1.25 per 100; $10 per 1,000; extra large plants, $15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PEONIES.

Peonies, 3 to 5 eye roots, Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

Primula Veris, 2¼-in., in bloom, $2.50 per 100; Shasta daisy, 2¼-in., $2.50 per 100; Coreopsis, 2¼-in., $2.50 per 100; Phlox, 2½-in., $4 per 100; Aquilegia, California hybrids, $3 per 100; Delphinium, Chinese, $2.50 per 100; Delphinium Bella Donna. Gold Medal, $3 per 100; Pinks, $3 per 100; Napoleon III, Carnation, $4 per 100; Lychnis Chalcedonica, $3 per 100; Oriental Poppy, hybrids and red, in pots, $3 per 100. Hollyhocks, separate colors, double, and hollyhocks, mixed single, $2 per 100; Digitalis, strong, August sown plants, $1.50 per 100; Sweet Williams, clumps, $4 per 100; Shasta daisies, Tritomas, Campanulas, Baby Breath, Pentstemon, Asters, strong August sown plants, $1.50 per 100; Anthemis Daisy, clumps, $4 per 100; Coreopsis, clumps, $4 per 100; Phlox, clumps, $4 per 100. Cash please. ERNEST ROBER, Wilmette, Ill.

Hardy perennials, field clumps; new anchusas, Anemone Japonica, aquilegias, hardy asters, hardy chrysanthemums, delphiniums, digitalis, hardy ferns, funkias, hardy grasses, double gypsophila, heleniums, helianthus, giant hibiscus or mallows, Iris Germanica, Kæmpferi, poppies, pentstemons, peonies, hardy phlox, new Phlox Arendsi, hardy pinks, primulas, dbl. and single pyrethrums, salvias, saxifraga, scabiosa, spireas, stokesia, trollius, tritomas, Veronicas, Violas, etc. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

PETUNIAS.

Petunias, single, 3-in., $6 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small	$4.00 per 100
1-year, medium	6.00 per 100
1-year, strong	8.00 per 100
1-year, extra strong	10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery.

ERNEST ROBER, WILMETTE, ILL.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RHODODENDRONS.

Rhododendron Catawbiense — Extra heavy bushy stock, full of buds, 2 to 2½ ft., fine, $1 each; $10 per dozen; 2½ to 3 ft., specimens, $1.50 to $2 each. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ROSES.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Richmond, White Killarney, Pink Killarney, Radiance, A-1 stock, 2¼-in., $35 per 1,000. L. B. CODDINGTON, Murray Hill, N. J.

ROSES.

GRAFTED PLANTS.

Choice young stock in large 2½-inch pots ready to shift into 4-inch or plant direct in the benches and all grafted on selected English manetti:

OPHELIA, per 100	$12.00
WHITE KILLARNEY, per 100	10.00
PINK KILLARNEY, per 100	10.00
RICHMOND, per 100	10.00
BULGARIA, per 100	9.00

BENCH PLANTS.

We are now replanting and can offer good two-year-old stock fresh dug every few days, Beauties, Pink and White Killarney and Bulgaria at $5 per 100. The Bulgaria makes the best outdoor rose of any greenhouse variety. All plants shipped from Hinsdale.

BASSETT & WASHBURN,
131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

FORCING ROSES.
Grafted strong 2½-inch.

	Per 100	Per 1,000
Hoosier Beauty	$35.00	$300.00
Russell	15.00	125.00
Sunburst	12.00	100.00
Ophelia	15.00	130.00
Hadley	15.00	120.00
Milady	12.00	110.00
Mrs. Geo. Shawyer	12.00	110.00
Aaron Ward	12.00	110.00
Killarney	12.00	110.00
White Killarney	12.00	110.00
Killarney Brilliant	12.00	110.00
Richmond	12.00	110.00
Sunburst, own root	9.00	85.00

VAUGHAN'S SEED STORE,
CHICAGO, NEW YORK.

ROSES.
Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	8.00	75.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO

Roses for out-door planting. Two-year-old plants, potted up into 5 and 6-inch pots during the winter months. Over 200 varieties in hybrid teas, hybrid perpetual, moss, rugosa, Wichuriana, Rambler, Baby Rambler, Pernetiana and tea. Henry A. Dreer, 714-716 Chestnut St., Philadelphia, Pa.

Roses, cut flower roses; fine stock from 2¼-inch pots ready now: Sunburst, $40 per 1,000. Prince Charles de Arenberg, $40. Lady Alice Stanley, $40. Ophelia, $50. Francis Scott Key, $50. The Good & Reese Co., Springfield, O.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

ROSES.

Roses, 2½-inch plants: White Killarney, Pink Killarney, Mrs. Aaron Ward, Maryland, Sunburst, $4 per 100; $35 per 1,000. 3½-inch plants: Mrs. Aaron Ward, Sunburst, $6 per 100; $50 per 1,000. Richmond, 2½-in., $3 per 100; $25 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

SALVIAS.

Salvias, Bonfire and Splendens, fine stock, 2¼-inch, 2½c. Cash with order. Gus Schlegel, Olney, Ill.

Salvias, four best bedding kinds, 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

SEEDS.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

Seeds, contract grower, pepper, egg plant, tomato, vine seed and field corn. Edgar F. Hurff, Swedesboro, N. J.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, peas and beans. Alfred J. Brown Seed Co., Grand Rapids, Mich.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

Fall bearing STRAWBERRIES, Superb and Progressive, $1.50 per 100; postpaid. Cash. GEO. H. SCHENCK, Elsie, Mich.

VEGETABLE PLANTS.

Vegetable plants, Big Boston, Grand Rapids lettuce plants, $1.50 per 100. Cabbage: Early Winningstadt, Wakefield, Henderson Early Summer, etc., $2.50 per 1,000. Cauliflower: Early Paris, Snowball, $5 per 1,000. Tomato: Earliana, Jewell, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2.25 per 1,000. Pepper, egg plant, sweet potato, etc. Alonzo J. Bryan, Washington, New Jersey.

Vegetable plants, cabbage: Early and Late Flat Dutch, All Head, Wakefield, Early and Late Drumhead, Danish Ball Head and other varieties, 30c per 100 by parcel post; by express, 75c for 500; $1 per 1,000; 10,000 and over 85c per 1,000. Beet plants; 75c per 500; $1.25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready April 15, $2.50 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

VERBENAS.

Verbenas, mammoth, good 2¼-inch plants, 2c. Cash with order. Gus Schlegel, Olney, Ill.

VINCAS.

Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heini, West Toledo, O.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 4-in. pots, $10 and $12.50 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca variegata, 3-inch strong plants, $4 per 100. Mrs. Carl Hirsch, Hillsdale, Mich.

Vinca var., 4-in. pots, $10 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

STOCK WANTED.

Stock wanted—2-year asparagus roots. Spirea A. Waterer, mountain ash trees. C. B. Whitnall, 419 East Water St., Milwaukee, Wis.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.
MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass. Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Liquid—NICO-FUME—Paper, for thrips, aphis, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

TOBACCO STEMS, full strength, prompt shipment. Address, LEON S. BOUCHER CIGAR CO., Joplin, Mo.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers, bone beal; sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

Pots, bright red color, porous and strong. The Cambridge Tile Mfg. Co., Covington, Ky.

PRINTING.

500 Letterheads (ruled or plain) and 500 Envelopes, only $2. Printing for Florists a specialty. Satisfaction guaranteed. GLENN H. SNOW, Camden, New York.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

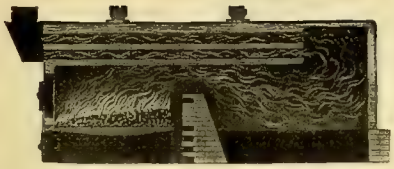
WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

KROESCHELL
BOILER



Made of Fire Box Flange Plate
Can Not Crack

Water Space in Front, Sides and Back
The Most Popular Boiler Made
SEND FOR CATALOGUE

Kroeschell Bros. Co.
452 W. Erie Street, CHICAGO

Connecticut Horticultural Society.

The bi-monthly meeting of the Connecticut Horticultural Society was held in the County building, Hartford, President Warren S. Mason officiating as chairman. Plans were made for the spring flower show to be held, Thursday, June 10, the proceeds to be divided with the Union for Home Work, a charitable society. This show will be held in Unity hall on Pratt street.

There was an exceedingly fine exhibit of pansies staged by John C. Willard, of Wethersfield. John F. Huss, superintendent of the James J. Goodwin estate, exhibited a rare specimen plant Australian Glory Pea (Clianthus Dempieri). The plant attained a height of about three feet and had six deep red blooms with black centers. Mr. Russ dilated on the cultivation of this plant, explaining the necessity of using extreme care in every detail of its growth to the arrival at maturity, and that it was his ambition to raise about six such specimens, and then he would be content to tackle another such delicate operation. President Warren S. Mason, superintendent of the Pope estate, Farmington, staged a fine collection of the following spring flowers: Narcissi Golden Spur, Victoria and Von Sion; hardy Salvia Greggii, grape hyacinth, Italian hyacinth and Dutch hyacinth, May, flesh color; Gertrude, a rose pink, and King of Blue, a deep purple. In this collection were also white tulips, Banksia rose, and squills. The combined exhibits made an excellent showing. President Mason named Alexander Cumming, Jr., Ed. A. Brassill and A. Righenzi as judges, and they awarded the pansies a certificate of merit, the spring flowers a first-class certificate, and the Australian Glory Pea a first-class certificate, which was duly ratified by vote of the members. The judges also received a hearty vote of thanks. One new member was elected. The next meeting will be held May 14, and will be Darwin tulip night. ALFRED DIXON, Sec'y.

CLYDE, O.—The Wagner greenhouse has been purchased by Joseph Wetzel and E. H. Stout, of Fremont, O.

FT. SMITH, ARK.—The South-west American, in its issue of April 7, carried an advertisement of George Rye, "Some Florist", covering four full columns, in calling attention to his innovation—"A Dollar Box of DeLuxe Flowers." The display and copy features of the ad were both catchy.

What Retail Florist Establishment
Is Complete Without a Display Conservatory?

The conservatory furnishes the attraction which distinguishes the florist shop from other stores. It is the best advertisement.

Your stock in an ordinary store deteriorates very rapidly.

A conservatory not only keeps it from spoiling but improves it at the same time.

Get our designs and figures, we can help you to make more money.

384-page Catalogue, cloth-bound, covers every phrase of the greenhouse proposition. Estimates and blue prints free.

JOHN C. MONINGER COMPANY

CHICAGO 902 Blackhawk St. | **CINCINNATI** Union Central Life Bldg. | **NEW YORK** Marbridge Bldg.

EVERYTHING FOR THE GREENHOUSE

I-B Mill Co

BUILDING CONDITIONS ARE FAVORABLE NOW.

It may be to your interest to build now while the prices are low yet. Write us for sketches and estimates and let us prove to you that you can erect first class, up-to-date houses without paying a price so high that the interest on the outlay would consume too large a part of your returns.

ICKES-BRAUN MILL CO.

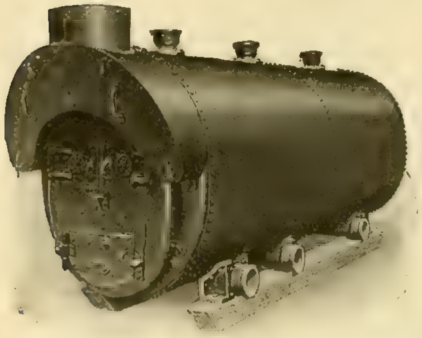
2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO

Greenhouse Material **Hotbed Sash**

"SUPERIOR"

INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
846-848 W. Superior Street
CHICAGO

Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

Lot No.

XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½ 100 running ft........ ....$ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft..................... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas..... .... 27.00
XJ-45—Standard Hot Bed Sash, 1⅜-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each...... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll................................$1.90 to 1.13
XJ-48—First-class second-hand Heating Boilers in any desired size. Very lowest prices.

HARRIS BROTHERS COMPANY, Owners
Chicago House Wrecking Co.,
35th and Iron Sts., Chicago

Providence, R. I.

BRISK DEMAND KEEPS TRADE BUSY.

Trade has been very brisk the past week; floral work has been keeping every one in the trade busy. There have been several large weddings and cut flower sales have been satisfactory. Mothers' day business should be good, and there will be plenty of flowers of all kinds. White carnations will be in supply equal to the demand for this flower and there are still plenty of Easter lilies. Sweet peas are shortening up now, but are still good and daffodils and tulips are still coming in. Geraniums are now starting, and the demand for them is excellent.

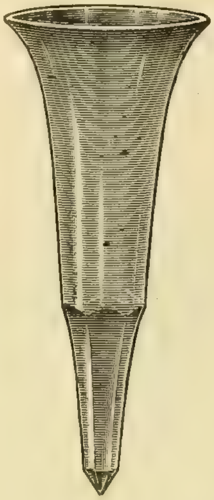
NOTES.

H. Howard, of the Melrose Rose Gardens, will give a lecture entitled, "Rose Gardens of America," in the Cranston street Baptist church, May 7, and will also tell about the care and planting of rose bushes of all kinds.

A. Neubrand, representing A. N. Pierson, Inc., Cromwell, Conn., visited the trade the past week, taking orders.

The seed stores are doing a rushing business. Seed and plant orders for the spring trade are heavy.

H. A. T.



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

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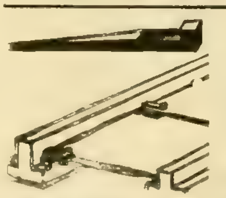

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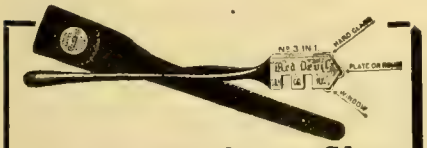

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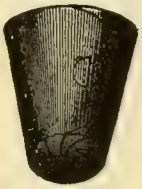

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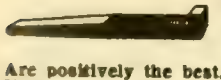
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THE AMERICAN FLORIST

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

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Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

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CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November 10-14, 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

Memorial Day Preparations

Memorial Day.

This, the last floral holiday of the season, is a very important event to the florist. It has long been regarded as a sort of clean-up day, as it were—a day, when by some unwritten law, the flower beds must be finished and all work in the beautifying of the lawn and grounds surrounding the residence completed. The lot in the cemetery, the little flower bed or the filled vase, must all be ready for inspection on that day, the grass cut and all trimming attended to, so that the lot will look as well as those of hundreds of others, who, in respect for the day, have taken pride enough to help and ordered the work done.

Memorial day is an opportunity that the trade generally does not work up to anything like its possibilities. In some localities there is a much greater demand than in others. For example, in most of the New England states and principal cities, it is the greatest flower day of the year, while in other equally populous districts the business, particularly in cut flowers or designs for cemetery decorations, is nominal, and the public interest in the floral feature of the day is very small, indeed. There is no apparent reason why Boston and its environs should lead in this respect, but the fact remains that the great extra demand exists, and taxes the facilities of the whole trade to enable them to meet it. The beautiful custom of decorating the graves of soldiers and setting aside a day as a national holiday for the purpose, gives the florist an opportunity that should be taken advantage of and worked up until the custom becomes universal, including as well as those of the heroes, the graves of all loved ones. To establish a custom such as this can not be done in a year; it must come gradually, but it can be hastened by the judicious work of the trade interested. People do not as a rule have a desire or buy what they do not see and the florist must therefore first see the opportunity, study it, and after awakening to its possibilities, immediately set about to bring his customers to his point of view.

There is no better educational medium than the columns of the newspaper. Well prepared matter, relating to the day and its observance and the beautiful custom of decorating, not only the grave of the soldier, but also that of the civilian as well, will make good copy, which will find space as news matter without cost in the reading columns of the best papers. Such articles must have touch and go to them, and enough novelty to draw comment and hold the interest of the general readers to the end. This should be backed up by intelligent efforts of the trade with a generous display of wreaths in variety, priced for all classes of customers, cemetery vases that hold water, with flowers arranged in them, palm leaves with miniature flags and similar decorations, such as G. A. R badges and corps marks, etc. Such displays will be sure to attract attention and get people more in touch with the observance of the day.

The veterans themselves, who have always taken an active interest in seeing that the graves of their old comrades were covered with flowers, will not much longer march behind the martial music; their ranks are fast becoming depleted, and to see that the beautiful custom is kept alive other hands must take it up; it must be made more general, but, with the honored memories of the defenders, always held to be first.

APPROPRIATE EMBLEMS.

The wreath of magnolia leaves is very appropriate for cemetery decoration, and with the addition of a little statice and red, white and blue immortelles, with miniature flags, or tied with tricolor ribbon, an ideal piece is produced that can be made ready in advance, and has simply to be handed out on the busy day. Palm leaves, tied with a knot of tricolor ribbon, and the addition of the same colors of immortelles and small flags, is popular. The magnolia or galax wreath, with fresh cutflowers and the patriotic ribbons and flags, is also a good seller, many preferring the fresh to the dried stock or imitations.

It is astonishing what a quantity of waxed roses and carnations are sold for design work for Memorial day. They

are cheap, and many seem not to care what is used, natural or unnatural, so long as the effect is good. Metal wreaths are also favored in some localities and are used in large quantities on account of their brilliant coloring and lasting qualities.

Many persons will always take a few plants with them when they visit their cemetery to fill the vase or hanging basket that is the standard decoration in so many of the lots. All this brings grist to the florist's mill and should be encouraged in every legitimate way by all branches of the craft. K.

Handling of the Stock.

Too much importance cannot be placed on the finishing, care and final handling of the different lines of stock intended for this occasion. A great deal of trouble is saved by having everything in readiness beforehand, and the rush of business which comes during the last ten days can then be taken care of quickly and smoothly.

A good supply of market baskets should be arranged for, so that when the customers are so inclined they can carry their plants. Pansies, verbenas and other seedling plants should be fitted up in small baskets holding one dozen plants, and a good supply should be on hand each day, making sure to have them fresh looking all the time. By having these plants in readiness in this manner the salesman does not have to go to the frames with each customer, consequently, a lot of time is saved. A neat appearing place, with everything handy to serve the customers, is both a satisfaction to the proprietor and a pleasure to the buyers.

Bedding plants grow very rapidly at this time while standing on the greenhouse benches, and if not enough room is given them, they quickly become drawn and spindly. They ought to be cleaned and spaced over whenever there is need of it, so as to have them short, stocky plants. The same applies to late seedlings in flats; they must be transplanted as soon as large enough to handle safely or they spoil quickly. All bedding plants ought to be well hardened off before planting them out in the open ground so that they will not suffer from the change, and will respond quickly to the transplanting. The cold frames can be brought into use for this hardening process, and is a better place now than the greenhouse. For many of the plants, the sash can be taken off or allowed to remain on, according to the weather conditions. Another very important thing is to be sure all the plants are free from aphis before offering them for sale; it is the poorest kind of an advertisement, if the customer, after having purchased some plants, finds them covered with black or green fly. Many of the plants, such as petunias and fuchsias, will need a stake to support them, and this should be attended to in time to allow them to straighten out again before being offered for sale. One stake in the center, supporting the main stem of the plant, with the side shoots drawn up to it with green thread, is the best way of tying the plants.

The question of shading the glass for bedding plants is a problem that is hard to give advice on, due to the changeable conditions of the weather at this season of the year. Last week it was so very warm and a shade would have been very beneficial, but this week the weather is just the opposite, dark, cloudy, cold days with lots of rain. To have shade on the glass under these conditions would be detrimental to the plants. This subject should therefore be goverened according to local weather conditions.

Where considerable outside planting is a part of the business, whether it be flowerbeds, vases or window boxes, it is a good plan to have some sample plantings fitted up at the greenhouses to show customers and to take orders from. The cemetery greenhouse departments follow this plan with their grade and lot plantings, samples of each style and combination of plantings being made up at the greenhouses, thus giving the customer some idea of the different plantings. These samples are usually fitted up with the plants and the grass around them the same as they will be outside, but on a smaller scale. They are made up the latter part of April, in frames, and covered with sash to protect them when necessary against weather conditions.

The routine work of watering, airing, etc., in caring for the geraniums and other plants now in full bloom should receive constant attention; in the rush do not allow them to suffer for want of water or from close conditions in the houses, as plenty of air should be allowed at all time when the weather will permit, always avoiding extreme dampness. Large numbers of the more pretentious flowering plants, such as hydrangeas and rambler roses, in full bloom, are sold for this occasion. These should be prepared for sale before hand so that it will not be necessary for the salesman to have to stop and do any staking or tying up of the plants when he is needed all the time to wait on customers.

A few words regarding the best method of planting and after treatment of the plants is generally greatly appreciated by customers. This can be done in a way to arouse their interest for larger purchases of plants. One of the most important details of the finishing up work of bedding plants, is that of careful planting. This work has to be done with a rush, but that does not signify that it should be done in a careless manner. The plants should be set deep enough in the ground to withstand the wind and so that the watering will not lay bare the roots. Be particular to get the rows even and straight—do not plant several sizes of plants in one bed and expect a neat job. Smaller plants, properly planted, will give a better effect than larger plants planted without any care as regards uniformity.

The cut flower business for Memorial day is a big item to be provided for, but the call is generally for medium price flowers or cheap bouquets. Short stem roses, Shasta daisies, columbines and late tulips are very useful for making up into these bouquets. The better grades of roses, carnations and lilies are best sold by the dozen. Outdoor lily of the valley will sell

WREATH ON EASEL.

easily when a good supply can be had. Peonies are the leading sellers when the quality is right, but we cannot always count on the home grown stock being ready and much of the stored stock has not proved satisfactory of late years.

Boxwood, magnolia and galax wreaths are in good demand with the best class of trade and a good supply should be on hand to meet the call.

C. W. JOHNSON.

Floral Designs.

While the florist will probably have demands for many different floral designs, yet the wreath is by far the one most desired for Memorial day. Crosses are often ordered and pillows are also the designs selected by some for Memorial day, but the wreath is adapted for so many locations that it is always, next to the bouquets and sprays, the most popular floral design. Floral wreaths can be made of all the flowers of the season, depending greatly upon the price obtained, but the dealer must be prepared to arrange them at all prices, many desiring this arrangement, for they can be used to fasten upon the monument, lay upon the grave or stand upon an easel. The several green and colored leaves are used in large quantities on this occasion; the galax, both green and bronze, can be made up in beautiful arrangements; the magnolia leaves also are to be had in green and bronze and these make one of the richest wreaths when nicely arranged. Another green that makes up in artistic work is the leucothoe and the cycas fronds are beautifully adapted for backgrounds or intermingling with flowers or other foliage. These prepared and natural leaves have the great advantage of standing the rigors of the weather, whether hot or stormy, and lasting in fine condition a long while. A spray of flowers on one side of these foliage wreaths are a great ornamentation, and can be made so as to please the most fastidious customer.

Cemetery Vases.

The florist located near a cemetery will have many customers come to purchase flowers who have not beforehand provided themselves with any receptacles in which to place them. These people will always be anxious to obtain some vessel which will hold water in which they can place the flowers so that they will not immediately wilt, and if they can obtain such a receptacle so that the flowers will last so much longer it is a great satisfaction to them. We have often seen almost everything from fruit jars to pitchers pressed into services at such a time, and these people who perhaps have purchased their flowers of some other dealer or cut them from their own plants at home, will gladly purchase a suitable vase, if easily procurable. A dealer so situated should have a stock of these vases on hand. They can be obtained in different materials, glass, pottery or iron, and are made very ornamental, will stand hard usage and can be bought so that they can be sold at a very moderate price. Having these on hand and making a good display of them may also materially assist in disposing of much stock, for many persons will often buy when the flowers can be properly cared for who would let the matter go by default or refuse to purchase unless they had the necessary fixtures. Demands for some vase or receptacle in which to place the flowers are often made and the dealer having a Memorial day trade should have a good supply in various sizes.

GALAX CROSS.

Bedding Plants, Etc.

The floral work for Memorial day is not nearly as large in some localities as is the plant trade. In the northern sections of the country the last of May is too early for the setting out of many bedding plants, but throughout the intermediate and southern sections all the plants ordinarily used for beds can safely be transplanted outside, and the demand for these is exceedingly large. The dealer must be fully prepared to meet the call, but of one thing he must be assured, and that is that the plants must be in bloom. At this time the lot owners will desire that the beds make a fine showing. While it is possible at other times to sell plants enough to fill the bed with a few in flower and the rest showing bud, in the beds set out for Memorial day the customer will desire all the flowers possible and the promise of a beautiful showing later will be of no avail. Geraniums will probably be in greatest demand and the popular varieties S. A. Nutt, Alphonse Ricard, Beaute Poitevine and Mme. Buchner will in many cases be far short of the demand for plants in bloom. Pansies are another flower that are used largely in cemeteries and these are particularly adapted for planting in beds that are shaded by trees, but to make a pansy bed last through the season they must be planted in such a location and not in the full sun, and arrangements must be made to keep the bed watered through the warm weather and attention given the bed as far as picking off the old flowers and seed pods or the plants will go out of bloom, and the beds, instead of being a thing of beauty, will be a blot on the lot. Echeverias are used extensively in some cemeteries and they are especially adapted to warm and dry locations and require but little attention, and the other bedding plants such as coleus, alternantheras, heliotropes and stock suitable for

small beds, will be in great demand. A plant that the dealer having a good cemetery trade must always have in supply is grave myrtle, Vinca minor. This plant is used in great quantities all over the country to plant over graves and when once established makes a very ornamental feature on a cemetery lot and does not require any great atention. Urns and vases are popular with many who can give them the necessary attention throughout the summer, or in cemeteries where per-

FLORAL PILLOW.

petual care is the rule and these will be attended to by the help. If these are not given the proper care, however, they are never satisfactory. Vines are a necessary stock for the dealer having vases to fill. Vinca major and English ivy are the two best and the other vines so freely used in window boxes and vases are also in good demand. One necessary feature which the dealer should impress upon the minds of those ordering vases or urns filled is the replenishing of the soil with good, live compost. It is useless to suppose that plants set out in exhausted soil in the hot sun and whipped by the wind can survive and be ornamental.

The plantsman will surely have demand for specimen plants to place upon the lot or plunge in ground at the base of monuments or foot of the graves, and there are some beautiful plants at this time that can be used for this purpose. The hydrangeas are particularly suited and they make a grand show. The rambler roses are also fine plants and can be easily bloomed at this time. For cheaper plants the spireas are adapted and are very satisfactory. There is one thing in selling these plants that should never be neglected and that is that the plants be given a good soaking of water before leaving the greenhouse, and if this is attended to properly the plant will be in good condition when the lot owner visits the cemetery on Memorial day, but if this is not done and the plant placed on the ground in a dry condition the chances are that it will be wilted when the purchaser sees it and a dissatisfied customer is the result. When the buyers take the plants themselves impress this necessary detail upon their minds.

Sprays and Bouquets.

While there is always a large demand for cut flowers which are taken by the purchasers to the cemetery and arranged, yet as a rule the greatest call is for bouquets and sprays which are placed upon the graves. Those that have provided themselves with vases at the cemetery generally prefer the round bouquet while those not having these will purchase the flowers in spray form, that they may lay them on the grave or fasten them to the monuments. Many of these will be of low price and it is necessary that a large quantity of the cheaper flowers be employed, but generally there is some outside stock, such as lilacs and shrubbery, flowers that can be advantageously used for filling up the bunch. The demand will naturally be in both bouquets and sprays for something that is rather showy and not for the more select flowers and smaller work, as it is the desire of the purchaser to make as good an effect as posible at a distance and not for close inspection. The greenhouses in some cities that are located at the entrance or near the cemeteries do an immense business in bouquets and sprays, the number sold reaching into the thousands and the force frequently having to work all night arranging bouquets. While there are many of them low in price, the majority being one and two dollars each, yet where such a quantity is sold and the necessary stock obtained, the trade, although it entails much labor, is very remunerative. Large quantities of roses, carnations and late bulbous stock are used as well as the cheaper greenhouse flowers such as stocks, spirea and candytuft, and the size of the sprays is increased by the liberal use of green and lilac, Spiræa Van Houttei, deutzia or any outside stock that is procurable. Peonies are one of the flowers, par excellence, and when the season is far enough advanced to procure them in large numbers at fair value, large quantities are used, for they make an admirable display. But the florist is not restricted to any of the several flowers, for everything that is in bloom can be adapted to their use. The outside stock is sometimes quite unsatisfactory, especially if the weather is warm, on account of its wilting, but this can be overcome to a great degree if it is picked the day before and allowed to stand in deep jars of water overnight in a cool place, thereby becoming well filled with moisture. A large supply of greens is necessary, hardy ferns to back the sprays or finish the bouquets, and as well to fill in, and quantities of asparagus, both A. plumosus and A. Sprengeri, are used. Another green that is very useful is the foliage of Spiræa Japonica, the bright, shiny leaves adding materially to the work.

Immortelle Designs.

Wreaths and other designs made of immortelles and other dried flowers are a prominent feature of the Memorial day trade with many dealers. There is one great use that the florist can make of these—they can be arranged some time before, for they will last in good condition for a long time, and a great display can be arranged in the window

GALAX PILLOW WITH CLUSTER.

the week before Memorial day, which will remind many a shopper of the approach and observance of the day and induce many a sale that would not otherwise be made. The immortelles can be obtained in several colors and very pretty combinations arranged and these flowers, as well as cape flowers, can be wired by the force during leisure moments and arranged long before any rush, and if well displayed are sure to attract attention. They can be further ornamented with the preserved adiantum and other vines and they will find much favor with some people. If made up in this manner they are inexepensive either as regards material or labor and will prove to be a paying investment and attract a customer who would not buy flowers on account of their being so perishable, or having to be sent a long distance with no one to take proper care of them. The metal floral work is also shown in large quantities and is popular with some people, for we have seen large numbers of the different designs in many cemeteries. Where there is a demand for this class of work the florist should have a stock on hand, for the purchasers are sure to desire it, and he might just as well obtain the sale as to leave it to some other tradesman, yet if it interferes with the sale of flowers it had better be discontinued as far as the florist is concerned, and let him devote his energies to the rightful product of his business.

The Gladiolus.

When any flower has had a mania all to itself, and in addition has standing to its credit two national societies and a magazine, we may safely say, without even knowing its name, that it is one which has made some stir in the floral world. This is the present position in which the gladiolus finds itself. Although both the early and the late varieties have for many years been inmates of our gardens, I am very much inclined to think that I may, notwithstanding its age, truthfully describe it as a coming flower. The following words are an extract from the last "Gladiolus Annual," which is the official organ of the National Gladiolus Society of Great Britain: "It is pre-eminently a flower for the amateur gardener, and the sole reason that its culture has been so neglected until quite lately is that there has existed a quite erroneous impression that it is difficult to grow, and, secondly, that there has been no simple advice obtainable as to the best method of cultivation. Another cause . . . is the high price hitherto asked by the bulb salesmen, for the bulbs." This is doubtless all very true, but the points urged do not seem to be quite a sufficient cause for its not having been more grown in the past. I would like to add to the Annual's reason that of fashion. It is impossible to say why it has not been more popular in gardens, for what the tulip is to May the gladiolus is to September.

Now perchance the gladiolus is going to enjoy an eminence and popularity which have hitherto been denied it. The hard-headed, steady-going Dutch dealers got it into their heads in 1911 that such a time was coming, and from the summer of that year until the autumn of 1913 the fun was fast and furious on the wholesale bulb exchange of Haarlem. The oldest inhabitant had had no experience of anything like it, and to find anyone who had we would have had to call up from their graves the participators in the hyacinth mania of 1734-5. The following facts were told me by a prominent dealer. The whole stock of Glory of Nordwijk sold for 20,000 guelders, and a row of five bulbs of Meteor Bos (now named Scarlet Emperor) sold for £100. Small bulblets were freely dealt in. A hundred of these, of a variety called Panama, were valued at 150 guelders, and one man from Lisse bought £2,000 worth. The pale flesh-pink called America also obtained fabulous prices.

The two national societies are those of Britain and America. Our own came into being in the early part of 1911, and it is run by a lady, or, in other words, a lady is the secretary, namely, Mrs. G. H. Atkinson, The Flagstaff, Locksheath, Southampton. The list of members is not a long one, but it is wonderfully cosmopolitan. England, Ireland, Wales, Guernsey, the United States, France, Canada, South Africa, Egypt, Holland, and New Zealand, all figure in it, showing that many people in many lands have begun to realize the value of the gladiolus in the garden.—Joseph Jacob, in British Nurseryman and Seedsman.

SPRAY OF ROSES, LILIES AND CYCAS LEAVES.

Louis Bauscher Retires.

Louis Bauscher, for many years a florist and market gardener at Freeport, Ill., has tendered his resignation as secretary and general manager of the Freeport Floral Company, which position he has held since 1909. His successor will be Adolph Pitterle of

Madison, Wis., at one time an employe of the company.

Louis Bauscher, son of one of Freeport's pioneer gardeners, is one of the best known citizens of that city, and has a wide acquaintance among members of his profession. He founded the Freeport Market Garden in 1883, establishing himself on a fine tract of land. He was very successful and from time to time enlarged the business, adding greenhouses and other improvements. In 1910 he and a number of other well-known Freeport men organized the Freeport Floral company, Mr. Bauscher's greenhouses being included in the merger. He retained the vegetable business.

He is not able as yet to announce his plans for the future. He has always been a hard worker, his sterling business qualities won for him the confidence and respect of all he came in contact with, and the rest that comes with the retirement from the firm he has made so successful is well deserved. A host of friends wish him well.

MISS FANNY D. WHITE'S NEW STORE, LEXINGTON, KY.

Floral Decorations at St. Paul Cathedral.

After active competition between the leading florists of the Twin Cities, the order for decorating the new St. Paul cathedral, said to be the largest on the American continent, on its natal day, was awarded to Agnes O'K. Spencer, St. Paul, Minn., successor to August Swanson. As shown in the accompanying illustration, the arrangement was carried out principally with Easter lilies, a suggestion of pink being brought out by using pink azaleas and Pink Killarney roses in pots. The altar arrangement was outlined with palms and Boston ferns, with trailing vinca vines at the upper portions of the altar. The style of architecture of the edifice is what is termed classical renaissance.

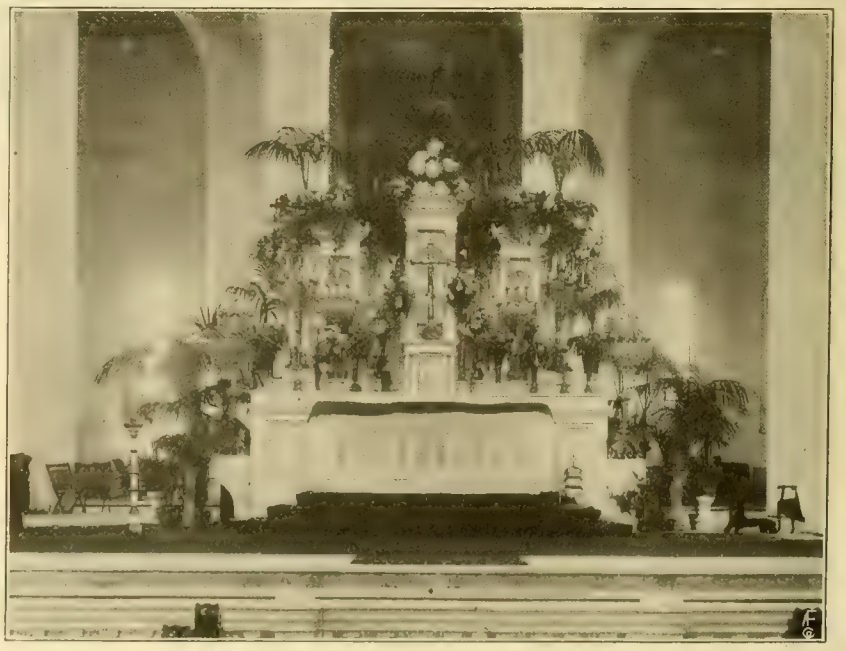
DAYTON, O.—Local florists, members of the Montgomery County Floral and Gardening Association, have endorsed the attitude of Toledo florists, who are asking the legislature to modify the law which requires a state license for engineers operating engines of more than 30 horse power.

San Diego Exposition.

For many years the writer of these notes has been called upon to describe horticultural features of many kinds in many lands, but has never felt that a pen picture was so inadequate as when starting to write of the landscape work at the Panama-California Exposition at San Diego, our southernmost Pacific seaport. In the first place, the setting is absolutely unique. A city of Old Spain has been built on a high mesa, surrounded on all sides by deep picturesque canyons and overlooking the "Harbor of the Sun." To the north is the broken outline of historic Point Loma, while beyond stretches the mighty Pacific. To the south are fertile olive and orange valleys, and in the distance can be seen the mountains of Old Mexico on one side the snow-capped Sierras, and the foothills on the other. Three years ago the site was practically a cactus and sagebrush desert, the soil a most unpromising adobe, hardpan and rock. Today there is a garden in the fullest sense of that good old word over all these hundreds of acres. The buildings fit the site and the gardens are in complete harmony with the buildings. The whole scheme is a most satisfying and perfect picture, worked out with such consummate skill that it has the appearance of an old-world, old-time garden instead of a new planting.

The principal entrance is over a viaduct of seven arches spanning the Canyon Cabrillo, the piers rising from a laguna about 140 feet below. The sides of this canyon, which is nearly a quarter of a mile across, have been thickly planted to eucalyptus, acacias and many other trees, shrubs and semi-tropical plants. It is all green, but the variety in tint and shape of foliage is wonderful. Here is a grey-green expanse showing where the glaucous foliage of Acacia Baileyana and the younger leaves of the blue gum mingle. In other places the funereal looking Italian and Monterey cypresses help to lift the planting and change the line and light, while again the great fleshy leaves of the New Zealand flax stand out stiffly against the softer greens of grevilleas and leptospermums. In a very few weeks the great masses of flower of the scarlet Eucalyptus ficifolia will form a billowy, glorious sea of bloom, this striking tree thriving remarkably well here. Here and there the waving plumes of Phœnix Canariensis give movement and the feathery fronds of Cocos plumosa rise on their slender stems clear of everything else. In the near distance the bronzy tints of lantanas and Abelia rupestris form a delightful foil to the brighter greens. This planting alone, seen as the visitor is entering the grounds, is so fine and so restful to the eye, that even the attractions ahead cannot prevent a tree lover lingering there.

Passing the beautiful Southern California building and entering the Prado, an entirely satisfactory planting and lighting system is cleverly combined.



CHURCH DECORATION BY AGNES O'K. SPENCER, ST. PAUL, MINN. SEE TEXT

MOTHERS' DAY WINDOW DECORATION AT J. F. SULLIVAN'S, 214 WOODWARD AVENUE, DETROIT, MICH.

By day the lamps are practically hidden, while at night, when lit, they throw a broken light through to the road and shine back clearly to the white buildings, which are thus thrown into fine relief. The road is flanked with smooth bluegrass lawns, the principal tree planting being a line on each side of black acacia—A. melanoxylon. These are backed up by the glossy green Coprosma Baueri, a wonderful plant for seaside places, but unfortunately too tender for northern or eastern resorts. A good deal hardier and also a magnificent plant where ocean breezes are hard on ordinary vegetation, is Escallonia macrantha. But the coprosma is everywhere in San Diego and it is such an accommodating plant that the landscape men have used it, not only as a hedge or as an individual shrub, but also as a drooping vine and a climber. It calls forth the greatest praise from visitors from the east seeing it for the first time here. Broad shady arcades run the whole length of the Prado, and from these most beautiful vistas of the grounds and the hills and country beyond are obtained. The arches are covered with bougainvilleas, the showy flowers being well thrown out by the white walls of the buildings. As one walks in the cool shade of these cloister-like arcades, a constantly changing view is given. Here, a court with showy little formal garden; there, the entrance to some winding walk that takes one away through the beauties of nature aided by man, and again, a sheer drop down into the canyons, clothed with many varieties of plant and tree, yet losing none of their natural rugged beauty.

The plaza is large and open, and hundreds of pigeons strutting about and flying to the tops of the buildings give a touch of life and movement that is very pleasing. Vines of the solanum and bougainvillea types reach up and over the arches and arcades, and one marvels at the rapidity with which these have covered the space and attained the appearance of having been there for many years. The "art which doth mend nature" is surely exemplified here at its best. Leading out of the plaza to the south gate is the pepper grove. The California pepper, as Schinus Molle is called, is always a great attraction to eastern and foreign visitors to southern California, and here the visitor can not only feast his eye on this lovely grove, but can enjoy a rest, either in sun or shade, and fill his lungs with the salt breezes that sweep up from the Pacific. It is an ideal retreat for anyone tired from a long tour of the many and varied attractions that this great show offers. Here, too, can be seen a lawn that never needs the lawn mower. It is covered with the creeping lippia (L. repens), a plant that never grows above three inches high and is covered in early summer with pretty pink flowers. Californians are indebted to Dr. Franchesci, late of Santa Barbara, for this pretty plant that thrives with practically no water, and very little attention in any other way.

The Botanical Building consists of a large lath structure and conservatories. In front of it is La Laguna de las Flores (lake of flowers) and a charmingly arranged garden. Inside the building is a large collection of tropical and semi-tropical plants, arranged more for effect than for botanical study. Lofty palms and bamboos, aralias, bananas and similar foliage plants, elegant tree and other ferns, are growing with great freedom, while below is a choice collection of dwarfer plants. Perhaps the principal points of interest to a horticulturist is the watering system. Pierced pipes run all over the roof on the under side of the lath, and when the water is turned on an extremely fine mist is produced, almost like a heavy fog. A visitor could remain in it for quite a little while without getting wet to any extent, but still when kept going for any length of time, every part of the atmosphere and building is thoroughly saturated with moisture.

Many of the choicest water lilies and other aquatics are planted in a pool in this house, while dependent from the roof, almost into the water, is a tropical growth of vitis and other vines. In front, quite exposed, is a very telling planting of Nandina domestica, which all winter long has been covered with its pretty, red berries, like those of the skimmia or ardisia. The beautiful palmate foliage of this plant, turning to bright red in autumn, and then the showy winter berries, make it one of the most pleasing.

The Southern California exhibit is a decidedly good one. One of the points it was sought to bring out was the citrus industry, and this has been done by planting long lines of oranges, lemons and others just as they are grown in the commercial groves in this locality. Many varieties of oranges, kumquats, lemons, grape fruits, limes, tangerines and others can be examined here, the peculiarities of habit being one of the interesting points to be noted. Then there is a large number of tender fruits, such as the olive, the alligator pear, the fig and the date, each being planted in sufficient numbers to be an instructive exhibit. Here and there are gateways, with trellises covered with Cherokee roses and yellow jasmines, a pretty combination. A

ranch house, typical of hundreds in this section, has been built, furnished, and a garden planted around it, showing how quickly a beautiful home can be made in this favored clime. In the garden proper, near the Southern California building, a choice collection of flowers has been planted. The Matilija poppy, Romneya Coulteri, is one of the hardest subjects known to transplant, but it has been done here, and great specimens are vying with the roses and others in this section.

One might go on writing almost indefinitely of the charms and the beauties of this unique work, but no good purpose would be served. It may be well though to give a thought to the man who has possibly worked harder than anyone else to produce these fine effects. Paul J. Thiene, a young man but a capable one, has worked hard, long and conscientiously in the discharge of his duties here. Mr. Thiene started in February, 1910, and practically everything has gone through his hands. Most of the smaller stock has been raised on the place in the home nursery, but the biggest work has been the removal to the grounds of large trees, picked up in the surrounding country. Practically all the eucalypti were large trees 30 to 35 feet high, while Phœnix Canariensis and other palms weighing from 40 to 50 tons each, have had to be dug, boxed, cared for, and eventually planted to give immediate effect. This is no light job, when the number of plants used is considered. Neither must the good work of John Morley be forgotten. Having proved his ability in the parks here, much of his work in the exposition grounds up to the time of the opening, was of an advisory nature, but since the opening he has had entire charge of everything. Needless to say, that with two such men as Morley and Thiene, the absolute success of the horticultural end of this great show is assured.

H. R. RICHARDS.

Prize Rose Gardens in Los Angeles.

For the purpose of encouraging the people to produce more roses and better roses in Southern California, the Los Angeles Times gave away about 80,000 bushes about a year ago. At the same time it was announced that prizes would be awarded for the best rose gardens. The committee completed its inspection, having reviewed nearly 250 gardens. The judges were Fred H. Howard, Montebello; Frank Lewin, Hawthorne, and Wm. R. Ruess, Los Angeles, and the winners and prizes awarded were as follows:

First. W. P. Bemus, 5732 Harold Way, Hollywood, $200.00.

Second. L. A. McCray, 2100 Canyon Drive, Hollywood, $75.00.

Third. Miss Helen Rosekranse, 211 East avenue, 31, $50.00.

Fourth. Mrs. C. A. Richie, Garfield avenue, Ramona, $25.00.

Fifth. Mrs. Douglas Bradley, No. 4610 First avenue, rose bushes, value, $25.00.

Sixth. Alfred Braun, 207 North Normandie avenue, rose bushes, value, $20.00.

Seventh. H. Cardell, 537 South Manhattan Place, rose bushes, value, $15.00.

Eighth. Mrs. Gertrude M. Loennecker, 3417 Maceo street, rose bushes, value, $15.00.

Ninth. Mrs. W. A. Taylor, Ramona Park, rose bushes, value, $10.00.

Tenth. S. Q. Conkle, Garden Grove, rose bushes, value, $10.00.

With so many gardens entered and so many of them of approximately the same degree of excellence the judges decided at the beginning of their work not to rely entirely on general impressions, but to judge each garden on points with 100 points as the standard of excellence. Size and quality of bud and length of stems were among the principal considerations. Appearance of the plants and foliage, their freedom from mildew or insects, and the character of the trimming was regarded as another important factor. Neatness of the garden, artistic appearance, and the general quality of the collection were the other points considered. A great many of the gardens presented beautiful aspects, but were little more than jungles

Pretty Walk at San Diego Exposition.
Mrs. John Morley in the Foreground.

from a rosarian's viewpoint. In many of them the blooms were allowed to come haphazard. Failure to disbud and properly trim the plants had sacrificed length of stem as well as size and quality of buds.

"It was a fine showing," said Mr. Howard, "but not so good as could be made if full advantage of Southern California's favorable soil and climatic conditions had been taken. The Times has rendered an important service in distributing rose bushes and encouraging rose culture by offering these prizes. The contest was interesting because of the wide range of territory represented and the revelations that it brought of the keen interest in rose culture. It has been instructive, also. A great many of the contestants now know many things about the proper care of rose plants, and if another such show is held I predict that the prize-winning gardens will be 50 to 100 per cent superior."

Frank Lewin also expressed gratification not only with the results secured by amateur growers, but at the interest taken in roses and the tendency to grow more and better roses. Mr. Lewin has set a high standard in rose excellence on account of his many years experience with them, and on this account he has frankly criticised a large number of otherwise excellent gardens because the plants had not been handled as well as they could have been to produce fine, long-stemmed blooms.

On the second floor of the Times building, the cut roses were on exhibition free to all rose lovers. After the show, all the blooms were taken to the County Hospital, where their beauty will brighten the rooms of hundreds of sick persons.

In the fiesta parade held May 1, Howard & Smith took first prize, and Staiger & Munweiler second in the division representing special businesses or organizations. HAL STRAW.

San Francisco.

DECORATIVE WORK HELPS MARKET.

During the past two weeks trade may be safely said to have a fairly satisfactory trend upwards. While it is true that a very large quantity of new stock appeared on the market, this was compensated for by the disappearance of such stock as violets, tulips, daffodils and other out-door flowering plants. There has been quite a few large decorations going along and these have been pretty evenly divided among the leading buyers of flowers, and has had the effect of cleaning the market up fairly well daily. The heavy rain storm, and it might be added that it was a very unusual one for this season of the year, put the finishing touches on a great deal of cheap outdoor stock. The supply of roses is not so steady as last reported, and this has helped to stiffen prices over a few weeks ago. Carnations, also, are not in over-supply at the present time, but without any increase in prices. Irises, both Spanish and German, are very plentiful. There seems to be enough of gladioli, also. There are enough orchids to go around, with prices firm. There are plenty of liliums of all varieties, and from personal observation, there will be an abundance for some time to come. Spencer sweet peas are coming in and have completely displaced the winter flowering type at most of the leading stores. The quality is simply grand and very good prices are being received. Last season the Spencer crop was almost a total failure with the growers who supply this market, but all report splendid results this season. Lily of the valley is none too plentiful, but greens of all kinds are in very large supply.

NOTES.

The California State Floral Society and the Alameda County Floral Society, in conjunction with the department of horticulture of the Panama-Pacific exposition, will hold a very elaborate show at the Palace of Horticulture, exposition grounds, May 7-9. They have issued a schedule that shows many generous prizes for stock that is ready at this time. The prizes consist of cash awards and silver and bronze medals. The committee in charge, and they have the services of the veteran H. Plath, are doing their utmost and from the number of entries at hand, we may expect a splendid exhibition.

The schedule of the prizes offered by the Chrysanthemum Society of America have reached most of the 'mum men in this section and has proved a great stimulus to their work. It is safe to say that no better chrys-

SAN DIEGO EXPOSITION.

View from the West Side of the Canyon Cabrillo.

anthemum show ever held in the west will equal it. Most of the leading eastern chrysanthemum growers are having their stock grown close to this city by our best specialists, all of which goes to show that the competition is going to be very keen. The adding of Percy Ellings, John R. Fotheringham and Martin Poss to the exhibition committee is well received, as these growers know 'mums from the ground up.

Plans for the sweet pea exhibition at the Palace of Horticulture are running along smoothly. C. C. Morse & Co. have a large crew of men at the exposition grounds under the guidance of Frank G. Cuthbertson and are sparing no effort or expense to make their exhibit a splendid one. Several of the leading eastern seed houses specializing in sweet peas have firms here also looking out for their interests. The very extensive exhibit of sweet peas by America's leading specialists, W. Atlee Burpee & Co. of Philadelphia, Pa., is being grown by the Lynch Nursery Company of Menlo Park, Calif. This collection is also in splendid condition and promises some surprises in Spencers not yet in commerce.

Frank R. Mills, of Palo Alto, is cutting a grand lot of carnations just now, his Gorgeous being especially fine. He is also going in extensively for Spencer sweet peas this season. These are being grown at his nursery in San Mateo county, where he also grows his 'mums. He has just finished cutting a grand lot of tulips. Arthur Bearsby, the popular financial secretary of the Menlo Park Horticultural Society, is in charge here, and the appearance of the two nurseries reflects the greatest credit on this genial foreman. Chas. Bearsby is secretary and San Francisco salesman.

The MacRorie-McLaren Co. is cutting quite a lot of cattleyas just now and working up a large stock of flowering plants for next season. The young stock is in the best possible condition and under the guidance of Bill Brown we have no doubt but that it will remain so.

The Art Floral Co. had a very elaborate decoration at the Indiana building which they had to maintain for one week. It was very costly and beautifully executed under the personal supervision of Manager Matraia.

Chas. C. Navlet, of San Jose, is using a good deal of space in the Sunday papers in this city. This is pretty costly advertising, but Charley says he is well satisfied with the results.

Final arrangements have been completed for the flower show to be given in Redwood City, May 8. The exhibits promise to be large and varied.

P. Orr, of the A. O. Stein store, says they have been very busy with decorations at the exposition grounds during the past two weeks.

Pelicano, Rossi & Co. had a very large decoration. Besides great quantities of roses, etc., it required one thousand yards of smilax. G. N.

Los Angeles Horticultural Soc'ety.

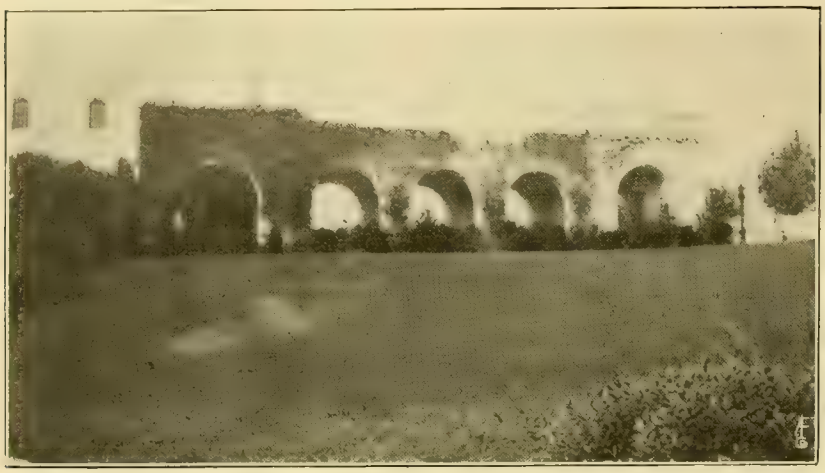
The monthly meeting of the society was held at 237 Franklin street May 5. As the city election occurred May 4, the regular meeting night, President Richards ordered the meeting held one day later. The minutes of the previous meeting were read and duly approved.

The subject of the picnic was brought up for discussion. Chairman Dietrich stated that he had received permission from Mr. Shearer of the park board to hold the picnic in any part of Griffith park the society desired. Moved and seconded that we accept the permission and extend our appreciation to Mr. Shearer. Some discussion arose as to whether this society should give a picnic and invite the Pasadena Horticultural Society or whether we should accept their invitation to their picnic. The minutes of the meeting of April 6 show that this society was invited. Further discussion came up that this society wanted to give a picnic and invite Pasadena, and also they were told to hold a picnic and invite this society, making two picnics. No definite action could be taken at this time. In lieu of same the chair left the matter in charge of the picnic committee.

The matter of the float was brought up for settlement. For lack of sufficient time and funds it was impossible to enter. The funds that had been subscribed were placed to the respective members' dues.

The subject of the evening was a talk on general gardening in California by James MacGillivray. In this talk he brought out clearly the importance of laying out the grounds, grading, walks, water systems, etc., following with the planting and naming of many different varieties of trees and plants to get a succession of bloom. Mentioning some of the best evergreens for grouping he listed the cedrus, sequoia, oak, Cupressus Lawsoniana, and abies. The flowering trees: The acacia, in variety; cydonia, and Eucalyptus ficifolia. The shrubbery: Pittosporrum, in variety; spirea, weigelia, abelia, crataegus, deutzias, Carpenteria Californica, etc.

The flowering plants and bulbs to give bloom every day in the year: Starting in January—White narcissus, Roman hyacinth, sweet peas, calendulas, roses, carnations. February—Trumpet narcissus, freezias, and through March and April, with anemones, stocks antirrhinums, liliums, iris and sparaxis, followed with iris in variety, coreopsis, gladioli, myosotis, amaryllis and verbenas. Then in June and July, asters, zinnias and salpiglossis, and in August, cannas, dahlias amaranthus, begonias, etc. In September follow with early chrysanthemum and later with the sorts which will keep blooming to Christmas. At the close of this valuable address the chair called on Messrs. Barnhardt, Felgate, Houghton and Robertson for comments on the address. These discussions were all greatly applauded, thus showing the great appreciation of the members.



LANDSCAPE AT THE SAN DIEGO EXPOSITION.

No speaker was appointed for the next meeting, but it was hoped it could be arranged to have Theo. Payne talk on California native flowers, on which subject he is in a class by himself. All members were asked to bring as many wild flowers as possible.

HAL. S. KRUCKEBERG, Secretary.

Detroit.

ADVERTISING BIG AID TO MOTHERS' DAY.

Mothers' day trade by far exceeded in volume that of the same event a year ago, and also the highest expectations of the local florists who made extensive preparations for it. Co-operative advertising was done on a large scale in the daily papers, and this, with appropriate window decorations and circularizing commemorative of the event, led the public mind to the thought of "flowers for mother" to a degree highly pleasing to wholesalers and dealers alike. It might be said that carnations were the most popular flowers, and this despite the fact that the prices were firmly maintained at a dollar and a dollar and a half per dozen. Even the poorer grades brought good prices, and long before the closing hours of Saturday, the inevitable shortage was seen, and Sunday found many retailers with only a fraction of the stock that could easily be sold. Roses were more plentiful and afforded the only relief to the florists unable to supply the incessant call for the "Divine flower." The appropriate color line was recognized by the public, but many got mixed on the proper color for mother deceased, but this was easily adjusted by the florist according to the stock on hand, and all efforts made to dispel the necessity for using any particular color, "just flowers of any color or any variety," was the educational slogan maintained, and the result was most satisfactory to the trade and public alike. Even street fakirs did a good business, and this city never before had so many of these "necessary evils" as many called them. It is freely predicted by those who have closely observed the growth of Mothers' day business, that it will in future compete closely with Easter in point of popularity and scope of business transacted.

J. F. S.

Toronto.

MOTHERS' DAY OBSERVANCE GENERAL.

Business during the early part of the past week was rather quiet, but the latter part turned out to be an exceptionally busy one. The demand for flowers for Mothers' day was exceptional, and a heavily supplied market was well cleaned up, many orders for roses and carnations not being filled. The local papers and churches had been commenting favorably for some time past, and with the advertising of local florists, the sale of flowers was greatly stimulated. A number of firms gave each patron a flower with each sale. The churches also gave a flower to each worshiper Sunday. Fairly good weather no doubt helped some, and aside from Easter has been the best day for general business since Christmas. Roses continue to arrive in excellent quality, and are plentiful. Carnations are fairly plentiful, and the prices are getting lower. Lily of the valley and orchids are good, while sweet peas are beginning to feel the effects of the season.

NOTES.

The remains of Capt. Darling, a member of the 48th Highlanders, who was killed at the front, was brought to Toronto and the funeral called for many floral tributes. The regimental crest of the Highlanders was arranged by Dillemuth, and proved a most artistic piece. The mayor and corporation and many notables sent elaborate designs, most of the florists having some of the work.

Many of our parks and private grounds are at present very beautiful. Tulips wintered well and many of the beds are now in their prime. Forsythias are in flower. Many of the shrubs are beginning to leaf, and one feels that spring is here. A few bedding plants are being put out; but it is a little early except for hardy varieties.

There is a large demand here for bay trees, and the supply is limited, as very few shipments came through. Boxwoods have arrived in good shape.

The seed houses are very busy; the Steele Briggs Seed Co., J. A. Simmers and Carter & Co. working overtime to catch up with the orders.

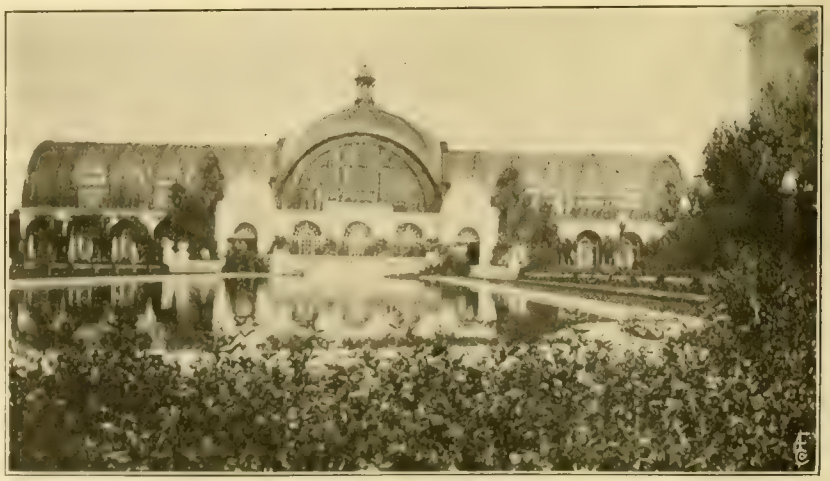
Frank Duffort has been marketing some very good hydrangeas.

H. G. D.

Buffalo.

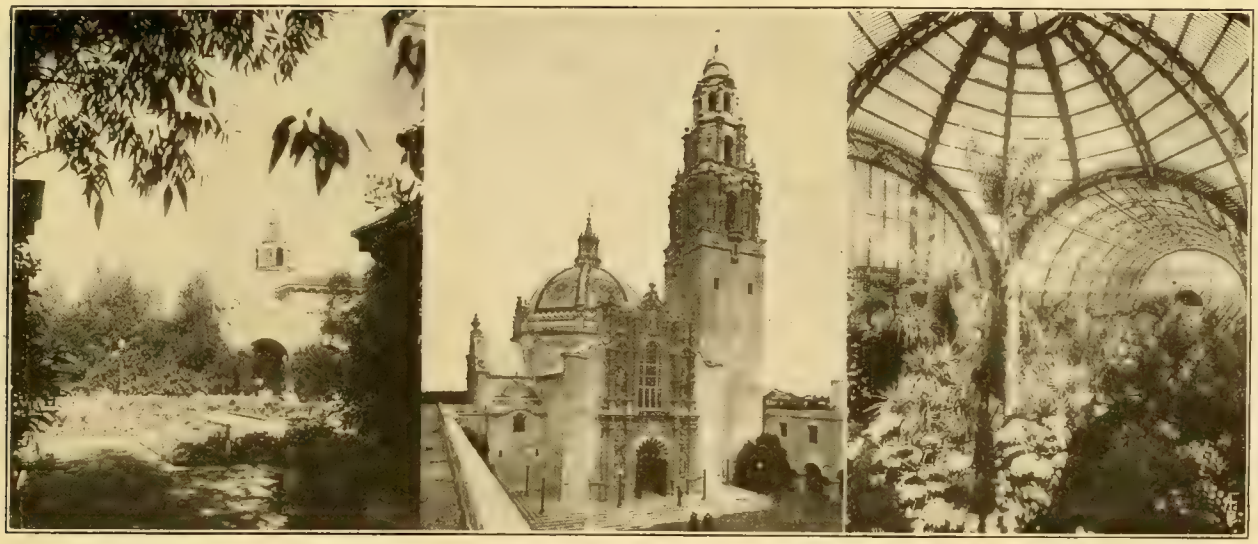
MOTHERS' DAY SALES SHOW INCREASE.

The past week has been variable as far as the weather was concerned, consequently the supply of flowers was greatly lessened. On May 1, carnations were on sale at all prices, ranging from 25 for 25 cents to 25 cents per dozen. Daffodils and tulips were also in profusion, and at your own price, but the past week has found a shortage of carnations and no daffodils, the scarcity of the latter due to the rainy weather. Roses have been equal to all demands, and the cheaper and short-stem grades were on sale at 5 cents. Lilies are very scarce, which is to be expected. Everything in the plant line is about over with, a



SAN DIEGO EXPOSITION.

The Botanical Building Showing La Laguna de las Flores.



THREE VIEWS AT THE SAN DIEGO EXPOSITION.
Left to Right: Las Jardines de Montezuma, The California Building, Interior of Botanical Building.

few genistas in good bloom being about all there is to offer. Activity in the greenhouses has begun, and consequently no recreation until July 1. A few warm days the last of April started inquiries about the veranda box and the cemetery vase.

Judicious advertising for the past three years in this city has made Mothers' day one to be counted on as a day to prepare for a big sale. This year was in excess of last year, due not only to the call for carnations, but from advising the public to send a box of flowers, a dozen roses or any pretty arrangements in basket form to "Mother." If the florist were to confine his Mothers' day business to the sale of carnations alone, the demand would make the price prohibitive; so to protect himself one has to suggest the use of flowers in different ways; also the sale of any color of carnation. This year was better than other years, and the wise florist will make a note to put on another car for Saturday and Sunday, also a few extra boys next year.

S. A. Anderson, wife and the boys, are enjoying their annual trout fishing in the wilds of Michigan.

BISON.

Albany, N. Y.

At the May meeting of the local florists' club, E. P. Tracey of the special committee appointed to see Commissioner Erving, of the department of public safety relative to street fakirs, said that the matter was in the hands of the mayor and that a further report would be rendered at the June meeting. On April 9, the committee visited Commissioner Erving with a view to securing the elimination of fakirs from the streets. Commissioner Erving referred the committee to Mayor Stevens. The mayor, it is understood, is in favor either of increasing the license fee for peddlers or eliminating them from the streets.

The garden committee of the Albany Woman's club is interested in plans to make the city more beautiful. The committee is agitating the use of window boxes for both residential and business streets. Albanians are urged to procure and fill window boxes and have them in position before May 30. The committee has interested 1,000 children in the city to plant gardens. Prizes will be awarded in the fall.

The flower show committee was instructed to organize and to proceed with the preparations for the flower show which the club expects to hold in November. Louis H. Schaefer of the entertainment committee announced that refreshments will be a feature of the meeting, June 3.

A report from E. P. Tracey on Mothers' day was to the effect that the local florists prepared for good business and that one local daily paper had devoted a special page to the subject on May 7.

R. D.

Richard Vincent, Jr.
President American Dahlia Society.

Newark, N. J.

At Bergerow's, 964 Broad street, business seems to be moving along nicely. They have a nice stock in their greenhouses, noteworthy being a new carnation, which is promising.

Phillips Brothers, 938 Broad street, have been doing a large amount of funeral work and have been fairly busy.

While business is not particularly active, all the retailers find something to do. Around the Center market there is considerable activity in plants. There a number of florists and gardeners bring in pansies and various greenhouse plants and sell from their wagons.

J. J. Wilson, of the Wilson Seed Co., 79 Orange street, is showing his friends a handsome silver cup won in the floral class of the automobile pageant, which took place in this city on the evening of April 10.

John Crossley, 37 Belleville avenue, has been quite busy since Easter with funeral work. We found him engaged in making up a large number of corsage bouquets for a social function.

The Broad street retailers, as a rule, are cheerful, and while all of them could do more than they are doing in this season of depression, they are not finding fault.

At Wolfinger's, no fault was being found, and they seemed to be prosperous. Our old friend, William Strahan, is yet an active man in this store.

H. C. Strobell & Co. did not think that business was what it should be, but they were keeping reasonably busy.

A. F. F.

Hartford, Conn.

Although John Coombs has been in business 47 years and is now 72 years old, he is yet active and may daily be found at his greenhouses with the rest of the boys. He has just broken ground, one mile further out Benton street, for a new range. The entire length of the initial structure, which will be erected as rapidly as possible by Hitchings & Co., will be 420 feet, the width 55 feet. A battery of boilers and boiler house will be placed amidships, as our nautical friends say. This will bring his glass area well up to 100,000 square feet. The new houses will be devoted to rose growing. At the old range on Benton street we found a good stock of plants and cut flowers. His son, Joseph F. Coombs, manages his two down town stores.

Miss Helen F. Whiting, of Whiting street, West Hartford, has leased her range of 100,000 square feet to her foreman, Charles Peterson, who has been with her for 18 years. The present condition of the stock speaks well for Mr. Peterson's ability as a grower. He will assume control on July 1. This business was established in 1852, we believe, by Miss Whiting's father.

Charles K. Swenson has a great stock of plants at his Elmwood greenhouses, near the Fair grounds. He

started the spring business with 6,000 geraniums, 2,000 vinca variegata and many other plants as well as cut flowers.

The florists of Hartford seem prosperous. The plant trade is now active and every greenhouse visited recently showed good stocks of geraniums and various other bedding plants.

We found Spear & McManus, the retailers, of 242 Asylum street, quite busy and they report that business has been satisfactory.

At E. W. Newton's Park street greenhouses we found a fine stock of plants. A. F. F.

Nassau County Horticultural Society.

The monthly meeting of the Nassau County Horticultural Society was held in Pembroke hall, Glen Cove, Wednesday evening, April 14, President Westlake in the chair. The euchre and dance held under the auspices of this society was reported to have been a success in every way, great credit being due the committee in charge for the able manner in which they conducted the affair. It was agreed to hold three shows this coming season: a rose show to be held in the week of June 6, dahlia show October 7, and fall flower show October 28-29. Offers of special prizes for the fall show were received from the following: Hitchings & Co., New York; W. E. Marshall & Co., Stumpp & Walter Co., New York; Vaughan Seed Store, Chicago and New York; Pino-Lyptol Co., New York; John Wilk, Weeber & Don, Burnett Bros., New York; Bon Arbor Co., Paterson, N. J.; Harry A. Bunyard Co., J. M. Thorburn Co., Peter Henderson & Co., New York; C. H. Totty, Madison, N. J.; Julius Roehrs Co., Rutherford, N. J.; Lord & Burnham Co., Pierson U. Bar Co., New York; Cottage Garden Co., Queens, N. Y., and Carters Tested Seed, Inc., Boston, Mass.; also from F. Edmonds, W. R. Kinnear, Rev. J. W. Gammack, E. M. Underhill and Kohler Bros., Glen Cove, N. Y.

Frank Honeyman was awarded first prize for the best vase of roses (mixed). Exhibits for next meeting will be three heads of lettuce, three heads of cauliflower and one vase of outdoor flowers.

JAMES GLADSTONE, Cor. Sec'y.

Horticultural Society of New York.

The Horticultural Society of New York held a very creditable exhibition in the museum building, botanical gardens, Bronx park, May 8-9. There were good exhibits of cut flowers and plants. In the commercial class, Lager & Hurrell, Summit, N. J., took first prize for 12 vases of cut orchids of different varieties. In the private gardening class, Mrs. H. I. Pratt, Brooklyn, N. Y., A. J. Manda, gardener, also took first prize for 12 vases of cut orchids of different varieties. An interesting feature was the exhibit of calceolarias. Mrs. F. A. Constable, Mamaroneck, N. Y., James Stuart, gardener, took first prize for 6 pots. A special prize was awarded Mrs. H. Darlington, Mamaroneck, P. W. Popp, gardener, for three pots of Spirea rubens. William Shillebaer, Essex Falls, N. J., J. P. Sorenson, gardener, was awarded a special prize for a vase of passiflora. A diploma was awarded F. C. Littleton, Mamaroneck, Samuel Batcheler, gardener, for a vase of carnations. Enchantress shade, named Baroness de Brenner. A profusion of lilac and various other flowering shrubs, tulips and jonquils were also exhibited. T. A. Havemeyer, Glen Head, N. Y., A. Lahodny, gardener, exhibited a fine collection of flowering shrubs for which he was awarded first prize. A. F. F.

Wichita, Kans.

MOTHERS' DAY SALES INCREASE.

Mothers' day is surely on the "flower-day calendar," and the problem now is to provide the stock and keep the prices down so that everybody may have the flower needed to properly observe the day and thus perpetuate the custom. Local florists were sold short on carnations by the morning of May 8, and by evening everything in cut flowers was cleaned up. Even culls and stock that would ordinarily have been dumped, were placed on the counters at the last and sold at a cheap price to customers who took it as the best to be had rather than do without. Roses came in for their share of the trade, and, with other good flowers, were in demand for gift boxes to mothers. The number of buyers was very large, hundreds buying a single flower to wear. The number of children with a nickel, dime or quarter was unusual, and speaks well for the future of the custom.

Plants as gifts were in good demand, which covered whatever was good, from geraniums and daisies, to pot roses and hydrangeas. The volume of business was probably 25 per cent more than last year, and would have been much heavier if stock could have been secured.

NOTES.

Samuel Seligman, representing Wertheimer Bros., New York, was a visitor this week. He admits that "Sprinkleproof" is his middle name and that business is very good, indeed. Likewise, the same day we were favored with a call from Morris H. Le Vine of Lion & Co., New York. "Birds of a feather," etc., and they sure are a pair of birds.

The month of April just past has been one of unusual mildness—no frost and plenty of rain. All farm crops are at maximum for the season, and nothing much short of a miracle will prevent another stupendous wheat crop; in fact, it is hard for a Kansas man not to use big words whenever he attempts to describe crop prospects at this time.

Emil Kuechenmeister is planning a motorcycle trip to San Francisco, with stops at Denver and other points.

Harrie Mueller is driving a new touring car. C.

Morganton, N. C.

After a cool March, ending with cold and backward weather conditions, April came in cold and blustery, and was freakish throughout. We had snow on March 3, followed by frost the following day, with frost again in evidence on March 14. More careful working of land, better handling of the crops, together with a perfectly reliable water-table, worked wonders in resisting the severely drying out winds and deficient rainfall, during one of the dryest Aprils on record. The precipitation for the month was only 0.41 inches, but despite this, vegetation suffered little compared with other periods of severe drought experienced in this section. Fruits are all set and safe, and small fruit of all kinds, especially strawberries, give promise of a large crop. J. B. P. M.

Santa Rosa, Calif.

This city was in gala attire and filled with excursionists at the formal opening of the annual rose carnival, May 6. The festivities this year were continued over three days and were conducted on a more elaborate scale than ever before. Tons of roses and other flowers had been collected for the grand floral display. The coronation of Queen Zelma, a juvenile floral parade and a baby show were features of the programme, which reached its climax Saturday morning, May 8, with the great rose carnival pageant.

H. T.

Milwaukee Florists' Club.

The Milwaukee Florists' Club will continue in its efforts to organize the state florists into one association. A committee, consisting of H. V. Hunkel, chairman; C. C. Pollworth, A. Leideger, W. C. Zimmermann, C. Dalwig, Nick Zweifel and W. A. Kennedy, has been appointed to further plans and to communicate with dealers in the various cities in the state. It is expected that another month will be required to perfect plans for a state organization.

OBITUARY.

John Krumholz.

John Krumholz, well known florist of Detroit, Mich., died Thursday, May 6, in Grace hospital, after a long illness. He was born in Detroit 55 years ago, and since boyhood was engaged in the florist business, first with his father and later on his own account. He was a good rose grower, and his success in this line was most notable at the time Catherine Mermet, Perle des Jardins, Niphetos and William F. Bennett were grown extensively. He was a hard worker, a great lover of flowers of all kinds, and greatly devoted to his family, the members of which worked industriously with him in the business. His greenhouses for the past 20 years, were on the Conners Creek road near Gratiot avenue, and his retail store on Superior street, where also was his residence and the place of his birth.

Mr. Krumholz was a man of most kindly nature and well liked by the local trade, all of whom regret his early demise. Mr. Krumholz is survived by his widow, Augusta, and five children, Robert, Katherine, Cecilia, Ida and Mrs. Frank Neuhauser. Two brothers and three sisters are also living, Henry of Grosse Pointe, Mich., Joseph of Highland Park, Mich., and Mrs. Frank Ray, Mrs. Joseph Siegel and Mrs. Mary Walsh of Detroit. Funeral services were held from his late residence, 823 Superior street, and St. Elizabeth's church, Monday, May 10. Interment was in Mt. Olivet cemetery.

J. F. S.

Bernard Beer.

Bernard Beer, head of the Colfax Floral company, and 20 years a Denver, Colo., resident, died April 29 in Detroit, Mich. For many years Mr. Beer was identified with the stock raising industry. He was 65 years old. Funeral services were held in Denver Sunday, May 2, in the Fairmount cemetery chapel, and were conducted by the Masonic fraternity.

Charles E. Wadsworth.

Charles E. Wadsworth, for 20 years a retail florist of Brooklyn, N. Y., died, May 4, aged 46 years. He was a native of Newburgh, N. Y.

A. F. F.

Mrs. Susan C. Smith.

Mrs. Susan C. Smith, mother of W. and T. Smith, of the firm of W. & T. Smith Co., nurserymen, Geneva, N. Y., died at her home in that city, Sunday, April 25, at the age of 98 years.

Texas State Florists' Association.

The florists of Texas extend a most cordial invitation to all florists to attend the Texas convention at Ft. Worth, July 6-7, 1915. We especially appeal to the southern florists, as we want them to see for themselves the great good derived from these conventions from year to year. Remember, we do not want to detract from the S. A. F. meeting in San Francisco, Calif., and, of course, if you are going to San Francisco it would not be consistent to attend both conventions. But if you are not going to San Francisco this would be an excellent opportunity for you to attend a live gathering of southern florists.

Take particular note of our program and you will notice that President Welch, Vice-President MacRorie and August Poehlmann of the S. A. F. will be with us. We would be glad to have a card from anyone who expects to attend. We assure you of a good time, and a very instructive meeting. Address your card to L. J. Tackett, Secy., Ft. Worth, Tex.

We hope to hear from a large number of southern florists outside of Texas in the near future, stating that they will attend. The programme is as follows:

FIRST DAY—JULY 6. 9 A. M.

Meeting called to order by Vice- President Baker.
Opening Invocation.
L. J. Tackett, president of Ft. Worth Florists' Club, welcomes the convention to Ft. Worth.
Address of welcome in behalf of the City of Ft. Worth, by the mayor of the city.
Response by H. B. Beck, Austin, Tex.
President Robert C. Kerr takes the chair.
Patrick Welch, president of the S. A. F. & O. H., address on "Co-operation of the S. A. F. and the Southern Florist."
Dan MacRorie, vice-president of the S. A. F. & O. H., "What we may expect at the San Francisco Convention."
August Poehlmann, member of the board of directors of S. A. F., "What the Big Growers Think of the South as a Market."
"The Florists' Part in the Texas Arboretum", by J. S. Kerr, Sherman, Tex.
"The Possibilities of an Experimental Range of Glass at College Station", by E. J. Kyle, College Station, Tex.
"How I am Growing Carnations Successfully in South Texas", by Mrs. E. O. Wessinger, Beaumont, Tex.
"The Effect of the War on the Southern Florists", by H. O. Hanna, Sherman, Tex.
Round Table Discussion—"The Retail Flower Store and its Management and Some Methods of Saving Time and Materials", by H. Greve, Dallas, Tex.

FIRST DAY—AFTERNOON.

Report of the secretary-treasurer.
Appointing of committees.
Reports of the Presidents of the Texas local florists' clubs.
Report and recommendation of Tom Wolf, chairman of the flower show committee.

FIRST EVENING.

Dinner at 8:30 p. m. in honor of the President, by local florists.

SECOND DAY—JULY 7, 9 A. M.

Invitation for next convention.
Invitation for annual flower show.
Election of officers.
Report of standing committees.
Report of special committees.
Unfinished business.
New business.
Adjournment.

SECOND DAY—AFTERNOON.

Entertainment by local florists.

R. C. KERR, Pres't.

FAR AND NEAR.

GUTHRIE, OKLA.—The city federation will hold its annual flower show in June.

CLEVELAND, O.—The Joseph M. Stern Co., florist supplies, has incorporated for $10,000.

SAN FRANCISCO, CALIF.—H. Giatras has opened a flower stand in the Phelan building.

TORONTO, ONT.—S. W. J. Matthew has opened a flower shop in the Manning arcade.

WHEELING, W. VA.—A flower store has been opeend in the Feinler building by G. L. Greiner.

EAU CLAIRE, WIS.—The Eau Claire County Horticultural Society has been incorporated; no capital.

PHILADELPHIA, PA.—A greenhouse to cost $600 will be erected by Dr. Samuel C. Blair, 7362 Ridge avenue.

GALENA, ILL.—B. F. Vandervate suffered a loss of about $4,000, April 28, when fire destroyed part of his range.

PLAINFIELD, ILL.—A flower shop has been opened in Bartlett avenue, under the management of Miss Mary Cropsey.

INDIANAPOLIS, IND.—William Watson Woolen has opened a flower shop in Delaware street, opposite the city market.

HOUSTON, TEX.—Under the direction of Manager Hewitt, the Brazos Greenhouses are doing considerable construction work.

DIXON, ILL.—Charles O. Engle has sold his business, known as the Rosery Floral Co. to J. W. Swartley & Sons, of Sterling, Ill.

BUFFALO, N. Y.—Charles W. Henning has a permit to erect a greenhouse 20x100 feet at Seneca street and Mineral Springs road.

WINDSOR, ONT.—D. Parent, 261 Goyeau street, will erect a new greenhouse and install a hot water heating system at his range.

GALENA, ILL.—J. V. Wickler will dispose of his florist stock, and remove to Johnstown, Pa., where he will reengage in the business.

FULTON, N. Y.—A petition in bankruptcy has been filed by Theo. Foederer, 7 South Second street. Liabilities, $1,525; assets, $400.

WORCESTER, MASS.—A petition in bankruptcy has been filed by C. O. Everberg, florist, listing liabilities at $10,255, and assets, $1,890.

WICHITA, KAN.—The Riverside park greenhouse, 20x80 feet, has been completed and the plants have been moved from their former quarters.

PINE BLUFF, ARK.—The Davis Floral Co., which commenced business in 1913 with only window space now occupies a building 30x154 feet.

COLUMBUS, O.—J. N. Bradford, university architect, is preparing plans for a range of greenhouses for Ohio State University. They will cost $12,000.

TOLEDO, O.—H. E. Klunder, of the Art Floral and Decorating Co., is operating six acres of land in the suburbs, growing flowers, fruit and vegetables.

GREENWICH, CONN.—The summer show of the Westchester and Fairfield Horticultural Society, will be held at the town hall, June 18-19. J. B. McArdle is secretary.

LITTLE ROCK, ARK.—Flowers will replace rubbish and bricks on the site of the burned Capital theater, when the plans of the city gardening committee are fulfilled.

SAN ANTONIO, TEX.—The spring flower show given under the auspices of the San Antonio Woman's Club, April 22-23, was a success and will be repeated next year.

FT. WORTH, TEX.—L. J. Tackett, of this city, has been appointed secretary-treasurer of the Texas State Florists' Association, to fill the unexpired term of George M. Cosh.

BUNCETON, MO.—E. C. Stammerjohn is adding another house, 30x110 feet, to his range. The building complete will cost $3,000 and will be completed by the middle of May.

DOTHAN, ALA.—Miss Causey, formerly of Memphis, Tenn., is manager of the Dothan Floral Co., a new firm, which intends to erect a range of greenhouses this summer.

SPRINGFIELD, MASS.—Alexander Cummings has resigned his position at the Ethelwyn greenhouses, having accepted the foremanship of the Guggenheimer estate at Elberon, N. J.

HAVERHILL, MASS.—James Allen has added a new house to his range at Bradford station.—A flower department that is meeting with success has been opened in Mitchell & Co.'s department store.

CHIPPEWA FALLS, WIS.—F. S. Wiegand, proprietor of the Chippewa Falls Greenhouses, and wife, celebrated their silver wedding anniversary, April 28. They were married in Milwaukee, Wis., 25 years ago.

BAY CITY, TEX.—A float representing a miniature greenhouse, on ornamental grounds, showing flower beds and shrubbery, designed by R. D. Baker, was a prize-winner in the San Jacinto day celebration.

LEWISTON, ME.—The flower section will be a feature of the exhibition of the Gardeners' Union of Lewiston and Auburn, Me., August 26-27. The premium list is a liberal one, awards being offered in 119 classes.

NEW YORK.—The Gibson Development Co., agricultural, horticultural and sylvicultural, has been incorporated with a capital of $10,000, by A. G. Wigren, H. D. and C. E. Gibson, 39 West Nineteenth street.

PARIS, FRANCE.—Alexander Ribot, minister of finance, appointed a commission April 23, to assess the value of wormwood plants producing absinthe. This step is preliminary to the purchase of these plants by the government under a recent act of parliament.

WASHINGTON, PA.—. Ionzo J. Bryan, who entered the florist business here in 1905 with one small greenhouse, now has 40,000 square feet of glass, covering eight large houses. Three million plants are ready now for spring shipment, 134 acres being devoted exclusively to growing flowers and vegetables.

TORONTO, ONT.—J. H. Dunlop, who recently took a long lease on the property, as announced in a previous issue, at 8-10 Adelaide street, has already moved his wholesale department to that location. The retail department will not change until fall. At the greenhouses at Richmond Hill stock is in excellent condition.

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Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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MAKE arrangements to protect your tender stock, planted outdoors, in advance of the usual time.

UNCLE NIC HALLOCK, who is sojourning in California at the age of 88 years, complains of the lack of fragrance in flowers there and says that even calendulas have no odor.

Personal.

H. Bayersdorfer and wife, of Philadelphia, Pa., are at San Francisco, Calif., this week, with passports for Japan.

President S. S. Pennock, of the American Rose Society, is one of the directors of the Rittenhouse Trust Co., of Philadelphia, Pa.

Bob Newcomb, the well known representative of Vaughan's Seed Store, Chicago, was in Billings, Mont., this week, returning from the Northwest, and says business is fine.

Mothers' Day Gains in Favor.

From reports received from all parts of the country, Mothers' day sales this year show that the event is gaining in popularity, some of the trade reporting increase in sales as high as 25 per cent as compared with 1914. White carnations, as in former years, were short of supply, but in many cities window displays and appropriate newspaper advertising did much to make the occasion a general flower day, and in nearly every such instance stock of all kinds sold well. Stock as a rule was of good quality, commanded good prices, and the trade generally are well pleased with the volume of business done.

State Nursery Co.'s Silver Jubilee.

Well befitting the rapid and substantial growth of its business during the past quarter of a century, the State Nursery Co., Helena, Mont., is celebrating its silver jubilee, and its officers may point with pride to an organization, which started business in 1890 with five lots 50 x 150 feet, and whose present holdings comprise 500 acres, 54 greenhouses, two stores and a large seed warehouse. Some idea of the magnitude of the greenhouse plant alone may be realized from the fact that, placed end to end, the houses would extend nearly two miles, contain four miles of walks and require 10 miles of heating pipes. Thirty houses are devoted to growing plants for cut flowers only, including roses, carnations, violets, lilies, etc. The nursery department is divided into departments for shade and ornamental trees, hardy shrubs and vines, and fruit trees.

T. E. Mills, the founder of the business in 1890, was joined by his brother, W. E. Mills, in 1895, and they incorporated under the present name. In 1902, Conrad Kohrs and Walter Card became members, and constituted the company until 1912, when John Jackson, an employe of the firm since his boyhood, became a member. The above named include all who are financially interested in the company, the officers being T. E. Mills, president and general manager; W. E. Mills, vice-president; Walter Card, manager of seed department; John Jackson, manager of shipping department. Conrad Kohrs acts in an advisory capacity, taking no part in the active management.

American Dahlia Society.

At a meeting held at the Hotel Grand, New York, May 10, the American Dahlia Society was formally organized. Those present were Richard Vincent, Jr., J. S. Vincent, White Marsh, Md.; Prof. F. H. Hall, Geneva, N. Y.; John W. Merritt, Farmingdale, N. Y.; Frank R. Austin, Tuckerton, N. J.; J. R. Benjamin, Calverton, N. Y.; Harry A. Bunyard, New York; L. K. Peacock, Berlin, N. J.; E. Stanley Brown, East Moriches, Suffolk Co., N. Y.; Hugo Kind, Hammonton, N. J.; I. S. Hendrickson, Flowerfield, N. Y.; Percy Rigby, New York; James Duthie, Oyster Bay, N. Y.; Geo. W. Kerr, Doylestown, Pa.; A. F. Faulkner, New York; Geo. L. Stillman, Westerly, R. I.; J. A. Shaw, Brooklyn, N. Y.; J. J. Lane, New York; M. C. Ebel, Madison, N. J.; James Kirby, Huntington, N. Y.

As a temporary organization Richard Vincent, Jr., was elected chairman and J. J. Lane secretary. A general discussion ensued in which nearly all present, including the chairman, took part, as to the best methods of procedure. Valuable suggestions were made by the chairman, Prof. Hall, E. Stanley Brown, I. S. Hendrickson, L. K. Peacock, Harry A. Bunyard, James Duthie, Geo. W. Kerr, Geo. L. Stillman and others. E. Stanley Brown, Frank R. Austin and I. S. Hendrickson were appointed a committee to prepare a constitution and by-laws. While the committee was at work there was another general discussion. The committee reported and their report was accepted. Officers were then elected by unanimous vote as follows: Richard Vincent, Jr., White Marsh, Md., president; Joseph J. Lane, New York, secretary; Frank R. Austin, Tuckerton, N. J., treasurer. Vice-presidents: Geo. Stillman, Westerly, R. I., east; E. Stanley Brown, East Moriches, N. Y., central; L. K. Peacock, Berlin, N. J., north; W. W. Willmore, Denver, Colo., west. Executive committee: Geo. W. Kerr, Doylestown, Pa.; I. S. Hendrickson, Flowerfield, N. Y.; James Duthie, Oyster Bay, N. Y.; J. S. Vincent, White Marsh, Md.; Hugo Kind, Hammonton, N. J. Nomenclature committee: James Kirby, Huntington, N. Y.; Stanley Brown, L. K. Peacock, Prof F. H. Hall, Geneva, N. Y.; Leonard Barron, New York.

It was decided to have one exhibition a year. The entrance fee will be $1, dues $2 per year. All present were constituted a membership committee.

A. F. F.

Suffrage Flower Shop Opens in New York.

Miss Mary Robertson, a Birmingham, Ala., society girl, has started a suffrage flower shop just off Fifth avenue, which is becoming the fad of the season, says a special from New York. It is called "The Flower Girl Shop" and is located at 10 West Forty-sixth street, near Fifth avenue, in the heart of the fashionable hotel and shopping district. Opening week started with a display of cotton such as New Yorkers had never seen before.

An old plantation basket filled with cotton bolls from Stonewall Jackson's plantation was placed in the little shop window, against a background of black velvet. Cotton in every form from seed to boll, stalk and bale, together with picturesque plantation photos, fill the shop. Nothing quite like it has ever been seen here before.

The various flower girls, recruited from the ranks of young New York suffragists, in smart gray uniforms made of cotton, are selling on the street, in hotels and offices and at subway entrances.

This unique enterprise has taken on a big amount of capital—as well as daring. Miss Helen Hill, New York suffragist, is associated with Miss Robertson. Designs for the shop sign and insignia for boxes have been made by Mary Ware Dennet, secretary of the national board.

The shop is furnished with exquisitely designed willow furniture made to order. Gray is the predominating color scheme with dashes of black and gold. It's smart and it's odd and it's catching the New York eye.

Texas Jasmine Crop.

W. L. Heller, of the Alvin Cape Jessamine & Floral Co., Alvin, Tex., reports that following the freeze of March 22, the growers in that locality thought for several weeks that the crop would be a total failure, as far as sales for Memorial day were concerned. Present prospects now are favorable for the first shipments May 15, and an immense supply in June.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—By experienced capable American of irreproachable character, as head gardener or manager of ranch Best references.
Key 511, care American Florist.

Situation Wanted—German, 28 years of age, with 15 years' experience, wants private or commercial place, single, good references. Address
K, 10616 Indiana Ave., Chicago, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—As foreman to take entire charge by a first class grower of cut flowers and plants. A life's experience; single; a capable supervisor of help; excellent credentials; good wages expected. Address
FLORIST, 61 W. Ontario St., Chicago.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials.
FLORIST, 59 W. Ontario st., Chicago, Ill.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Help Wanted—A good rose grower. Wages $15.00 per week.
WM. DITTMAN, New Castle, Ind.

Help Wanted—A good rose and carnation grower to work under foreman, with good salary and a chance of advancement. State wages expected in first letter.
EDWARD TATRO, 407 E. Iron Ave.,
Salina, Kansas.

Help Wanted—Leading Chicago greenhouse manufacturing concern wants bright young man with a high school education and good at figures to learn the business. Splendid opportunity for deserving party. Good salary to start. State full particulars in first letter and address in own handwriting. Key 507, care American Florist.

For Sale—Heating plant and glass for small greenhouse. M. E. TRIMBLE, Warren, Pa.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92,
Glen Burnie, Md.

For Sale—Greenhouses, 8000 feet under glass, ten-room house, barn and other out-buildings.
H. W. STEWART, Rhinebeck,
Dutchess Co., N. Y.

For Sale—Good as new panel top Overland delivery car. $500.00 cash. Big bargain. Write quick. Guaranteed.
Key 512, care American Florist.

For Sale—At once, on account of ill health, an indoor greenhouse stock lately left me by a will. Communicate with LAURA MORGAN,
1009 W. Kimber St., Danville, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale or Rent—Near Chicago, 22,000 feet of glass planted to Killarney roses, or 14,000 feet of glass planted to carnations. Cottage on place and a bargain for responsible party. Owner has two places and will rent or sell either one. For further particulars address
Key 517, care American Florist.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober.
Key 510, care American Florist.

Wanted to Rent—A greenhouse place in some big city of the middle west; not less than 10,000 feet of glass. Key 474, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

Wanted to Rent—Greenhouse; no stock; 20 or 30 feet wide by 100 feet long; state particulars; New Jersey, New York State or Connecticut preferred. Address
Key 515, care American Florist.

TRAVELER

Experienced seedsman is open to engagement as representative of foreign seed house. For full particulars address
Key 518, care American Florist.

Growers Read This

Advertiser wants to buy or rent a large range of greenhouses within a reasonable shipping distance of Chicago. Don't write unless you want to talk turkey right away. Curiosity seekers need not answer. Address
Key 516, Care American Florist.

FOR SALE

A range of 25,000 square feet of glass with 3 acres of land. Modern 7-room dwelling, well furnished. Greenhouses well stocked. An established local trade. Reason for selling, ill health of the head of the firm. For terms and further particulars, call or write.

JOHN M. HUNTER & SON, Englewood, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

PRESENT DEMAND

IS FOR

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

ADVERTISE THEM NOW

The Season is Short

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

Boston.

MOTHERS' DAY STOCK AT TOP PRICES.

The Mothers' day trade turned out to be the firmest we have had this season. Prices ranged high on every line of stock and as there was a shortage, the market was even better at the last than when buying started Friday morning, May 7. Carnations were in heavy demand, especially whites. From $6 to $10 per 100 seemed to be about the best prices, ranging according to the quality of stock. Colored carnations sold from $4 to $6. Roses also sold very well and were more in crop than carnations. From $3 to $15 per hundred were received for the average blooms. American Beauties brought from 12½ cents to 20 cents. Yellow marguerites occupied a prominent place in the trade, prices on short stemmed stock doubling. Many first class flowers brought $3 per 100. Callas, Easter lilies, Spanish iris and snapdragons sold well and brought fair figures. Gladioli have made their appearance, Apple Blossom and a few America being seen.

NOTES.

From all appearances it looks as if the Memorial day business would repeat that of last year in the use of artificial flowers. Nearly every retailer has stocked heavily with wax flowers and magnolia leaves, and are busy pushing the sale of them for this occasion. If the growers could unite in an advertising campaign, it might help to prevent a repetition of last year's business.

John Barr, of South Natick, Mass., cut 300 of the finest Matchless seen in Boston for some time. When put in a vase, at first glance they could easily be mistaken for chrysanthemums. He secured $30 for the 300. He also had 1,000 very fine assorted carnations, which were quickly disposed of at top notch prices.

W. R. Nicholson, of Framingham, Mass., had a good cut of carnations and marguerites for Mothers' day. He is also cutting about 100 bunches per day of Gypsophila elegance, which sells readily for 50 cents per bunch. His feverfew is just showing color and will be in crop for Memorial day.

Wm. Hasting, at the Boston Flower Exchange, received a fine shipment of carnations from J. A. Nelson, of Framingham, Mass. He also is receiving from R. P. Peterson, of Saxonville, Mass., some very fine carnations, myosotis and Snapdragon Nelrose.

A. Walsh, at the Boston Flower Exchange, received from the Halifax Garden Co., of Halifax, 30,000 high grade carnations during the week of May 2-8. He is getting about 2,000 lily of the valley per day from Wm. Jurgens, of Newport, R. I.

F. Dolansky, of Lynn, Mass., is cutting a large quantity of cattleyas at present. He makes regular shipments to New York and Philadelphia. His retail store at Lynn is building up a very good trade and he did a big business there for Mothers' day.

W. R. Morris of Wellesley, Mass., was in crop for the Mothers' day trade. Friday and Saturday, May 7-8, he shipped to the Boston Co-operative Flower Market 22,000 roses and 500 bunches of Sprengeri.

R. E. Wadsworth & Co., of Westboro, Mass., have just commenced to cut from a new house of Spencer Sweet peas. For the Mothers' day trade they had carnations, marguerites, peas and snapdragons.

Patrick Welch did a big business during the past week. As Mr. Welch is so well known for his upright business principles, there is no doubt but that his new enterprise will be a great success.

L. E. Small, of Tewksbury, Mass., has purchased a seven-passenger automobile to be used as a pleasure car. His bachelor buttons are still blooming profusely and he is shipping large consignments to New York and Philadelphia.

Lively & Bond, of Randolph, Mass., had an extra good cut of carnations—8,000, during the two days. They also disposed of a good quantity of double tulips and callas.

W. F. Gude and brother, of Washington, D. C., are in Boston to attend the tournament of the bowling association.

Visitor: Geo. Hampton, representing J. G. Neidinger, Philadelphia, Pa.

F. L. W.

Columbus, O.

MOTHERS' DAY SALES ON PAR WITH 1914.

Both down-town florists and those in the residence districts advise that the Mothers' day trade this year was fully equal to that of the same anniversary in 1914. With some it was considerably better. A week, more or less, of cloudy weather had kept down the supply of carnations, the cuttings being less, proportionately, than for some time. With some of the leading florists the white variety was exhausted early on Saturday, and a good clean-up was made on all colors before the closing hour. Prices were about the same as last year, $1 to $1.10. Other flowers had a good sale. A slight scarcity of carnations now exists, the ruling price being 75 cents, as compared with 45 to 55 cents two weeks ago. The cemetery planting trade, in anticipation of Memorial day, has set in actively, with an apparently ample supply of geraniums upon which to draw. The prospects are that peonies will be on the market in abundance before May 30.

NOTES.

One of the most important local weddings for a long period, from the florist standjoint, was that of Rev. H. H. Sterrett and Miss Margaret Black, daughter of Judge Samuel Black, on the afternoon of May 8, at the church of which the groom is rector, St. Paul's Episcopal. T. J. Ludwig furnished the decorations, a feature of which was 450 annunciation lilies.

Inconvenience is being caused the flower store of the Livingston Seed Company by the choking of its entrance with timbers for the purpose of temporarily shoring up the wall of the building, incident to the excavation for a new building next door.

The greenhouse of Margaret Evans, 1179 East Main street, has been taken over on a rental basis by Johnson and McDonald. It is probable that the business will continue to be known by the Evans name.

F. C. Viereek, the East Town street florist, has discontinued his branch store at 170 South High street, which was opened at Easter time.

Tacoma, Wash.

BIG PLANT DEMAND.

Every since Easter, this market has had a great many more cut flowers of all kinds than could be sold, with the exception of good roses. There seems to be no limit to carnations, and the quality is very good since the bright warm days have practically been continuous. Our season has been earlier than usual. A large per cent of fruit trees finished blooming before May 1 and the shrubs have been beautiful in bloom for several weeks. Roses are in full bloom in many parts of the city, with a promise of more and finer flowers than ever before, if it is possible to have finer blooms than may be seen every year in this city. We promise all tourists a wonderful treat and feast of roses for the next three months and we hope many florists may come through our city on the trip to or from the Panama-Pacific exposition. Sales of cut flowers have fallen off in the last 30 days probably 25 per cent, but a great increase has come in the way of call for all small plants, and it promises to be a record-breaking spring season in Tacoma. Every sort and kind of plant seems to be in demand, and many thousands of pansies could have been sold if they were to be had at reasonable prices. One department store that sold many hundred baskets last year has failed to get any this season, and prices have been quite high. An increase of the number of 2-year-old rose plants put out is apparent, with a call for practically every new rose that has been developed in any part of the world. The price seems to cut small figure for many of our enthusiastic rose growers when they learn of any new rose. We have never learned of any rose that has not been a real success here except the Marechal Niel, which seems to be tender to the frosts for the first few seasons after the planting.

NOTES.

We all extend our deep sympathy to Lorenzo Ghilarducci of the "California Florists" who mourns while the search is being made for the body of his son, who was drowned in the waters of the Puget Sound. Up to present writing, May 3, no report of recovery of the body has come to the anxious and interested relatives and friends. Mr. Ghilarducci has the sympathy of all in the trade about Tacoma and Seattle.

The Mitchell Nursery Co. of Larchmount, our south side suburb, has placed a long and roomy tent on a vacant lot in the down-town business section and are helping to supply the demand for all sorts of small plants, as well as nursery stock. They seem to enjoy a good business.

Progress is being made toward the placing of baskets or boxes at the "White Way" lamp posts in business sections of our city, although it may not be consummated until next year. At any rate we have started the ball a-rolling.

Plans are being developed by our rose society to hold the annual rose show about June 8-12, but the date has not been definitely arranged. Local florists have under consideration the plan of making displays.

S. L. Harper is trying to "fix" a fine new rose, sport of Mrs. Aaron Ward; also a few seedlings are being developed that are from his own hybridizing.

Planting out of carnations is going forward at some places. S. L. H.

East Orange, N. J.

The Springfield Floral Co. now conducts the store, 566 Main street, formerly conducted by Simpson. The same company has another store at 272 Main street, Orange, which is in charge of J. E. Heiman, formerly with Henshaw & Fenrich, New York wholesalers.

Charles Hale has recently erected two small, but very neat houses comprising about 5,000 square feet of glass. He and his sons are bringing forward a splendid stock of bedding plants.

George Smith and his staff are quite busy in both cut flowers and plants.

A. F. F.

MORRIS, ILL.—The Morris Floral Co. reports that the recent hot weather has been very severe on chrysanthemum cuttings in the sand. The cooler weather which has come with the rain should give better results.

St. Louis.

MOTHERS' DAY STOCK INFERIOR.

The market the past week was greatly influenced by Mothers' day, which from all accounts was satisfactory. Retailers complained not so much about the high prices demanded but about inferior stock. Carnations at four and five cents were not as good in some instances as stock which sold for $5 and $7.50 per 1,000 the previous week. Several retailers stated that patrons walked out on them determined to honor mother in some other way. Roses, especially white, were scarce. Sweet peas have curtailed to a great extent and the prospects of outdoor stock is not yet to be counted upon. Peonies are arriving in limited quantities. Lilies are somewhat plentiful.

NOTES.

H. G. Berning had a fine stock in carnations and roses but stated that the stock was not up to standard, the quality in general being poor.

F. X. Gorly, of Grimm & Gorly, said he believed there was an increase over last year in Mothers' day trade.

M. M. Ayres, Miss Newman, F. H. Weber and F. C. Weber all seemed to be very busy Saturday and Sunday.

Foster, the Florist, has installed a soda fountain in his store. This will help out during the summer season.

The Mullanphy Florists had special window decorations for Mothers' day at their downtown store.

Scruggs, Vandervoort & Barney had special advertisements in the daily papers for Mothers' day.

Wm. C. Smith Wholesale Floral Co. had a large stock in roses and carnations for Mothers' day.

The West End stores had quite a call for all varieties of flowers for Mother's day.

Andy Hoffman, of George Waldbart's staff was a visitor at the market May 9.

Geo. H. Angermueller cleaned out everything Saturday and Sunday.

Sprinkleproof Sam, Jim Karins, and Julius Dilloff were visitors.

Miss Doussard, of East St. Louis, reports business good.

H. G. Berning is out with a new six cylinder pleasure car. W. F.

Cincinnati.

FIRM MARKET FOLLOWS MOTHERS' DAY.

After an exceptionally good Mothers' day business, the market for the first time in several "moons" is in a good, firm condition. The call for that day cleaned up practically everything, and the wholesalers opened their places Monday, May 10, with very little stock left over. Roses of all kinds are in a pretty fair supply and fairly good in quality. Some very excellent American Beauties may be had. Carnations were cut very close for Mothers' day and were rather short the early part of the week. Lilies and callas are plentiful. The cut of gladioli is much larger than it was. Enough sweet peas apparently come in to take care of requirements. Fine lily of the valley and orchids were offered. Other offerings include snapdragons, irises and some peonies. Business in greens is good.

NOTES.

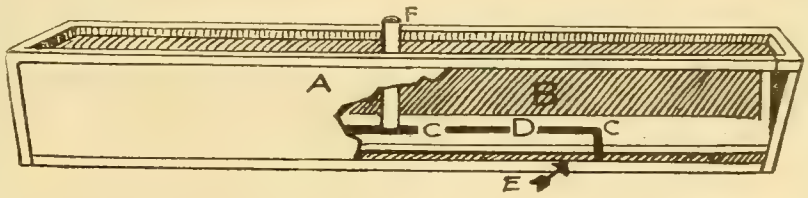
The E. G. Hill Floral Co. have been showing some very prettily arranged baskets of flowers in their window displays.

C. E. Critchell had some very fine roses and American Beauties for Mothers' day.

Visitors: Milton Alexander, representing Lion & Co., and Julius Dilloff, representing Schloss Bros., both of New York City. H.

The New Wittbold Self-Watering Flower Box

THIS Improved Flower Box has been produced to meet the most exacting requirements. Made of *wood*, it has a false bottom with a galvanized iron reservoir and a felt wick. The reservoir is easily filled by a tube running through the center of box. Cannot overflow because reservoir is only 2 inches high and is below the soil.



Water reservoir (E). False bottom with galvanized iron reservoir (D). Felt wick through false bottom (CC). Soil (B). The body of the box (A). Watering tube (F).

Handsomely finished a beautiful green color. When properly filled, this is the ideal Flower Box for the porch, windows or balconies of any building.

The stock sizes and prices are as follows:

23 inches long by 8 inches high by 9½ inches wide.....price,	$0.65
25 inches long by 8 inches high by 9½ inches wide.....price,	.75
27 inches long by 8 inches high by 9½ inches wide.....price,	.80
29 inches long by 8 inches high by 9½ inches wide.....price,	.88
31 inches long by 8 inches high by 9½ inches wide.....price,	.93
33 inches long by 8 inches high by 9½ inches wide.....price,	1.01
35 inches long by 8 inches high by 9½ inches wide.....price,	1.07
37 inches long by 8 inches high by 9½ inches wide.....price,	1.12
39 inches long by 8 inches high by 9½ inches wide.....price,	1.20
41 inches long by 8 inches high by 9½ inches wide.....price,	1.27

You can sell this Flower Box at a good profit.

Tell us how many boxes and what sizes you need.

Write, wire or phone today

L. D. Phone Graceland 1112.

THE GEO. WITTBOLD CO.

737-739 Buckingham Place, Chicago

Look for our Boston Fern Special in this issue.

MEMORIAL DAY

FOLDER samples now ready. This folder will certainly help your Memorial Day Business. Write for samples and full information.

SOCIAL OCCASIONS

SCHOOL Commencements, Weddings, etc. This folder combines four separate illustrations very harmoniously and is just the thing for your May and June advertising. Samples sent gladly on request. This folder will cause favorable comment on your advertising, give prestige and bring business. Send for sample of the Social Occasion Folder.

OUR YEARLY ADVERTISING SERVICE FOR RETAIL FLORISTS

Applications are now being received by us for our exclusive service for the various cities of the United States and Canada. Write for our plans. Our representatives are now closing contracts with one florist in each city for our exclusive service. The best proof of the success of our Florist Advertising Service is the large renewal contracts coming in from our clients and customers.

McNEFF-SWENSON COMPANY

Floral Publicity Experts

220 South Michigan Blvd., CHICAGO, U. S. A.

Send in your name if you are not receiving samples.

Minneapolis, Minn.

MOTHER'S DAY DEMAND RESEMBLES XMAS.

Market conditions have been very much on the order of Christmas week—prices very stiff and not enough stock to fill orders. The cold and cloudy weather we have been having broke Tuesday, May 4, and business started with a rush, and continued throughout the week. With Mothers' day, weddings and funerals, everything in the way of stock cleaned up. Prices were as follows: Roses, fancy, eight cents to 12 cents; medium, six cents to 10 cents; short, four cents to six cents; carnations, two cents to 10 cents, mostly six cents to eight cents; tulips stiffened from two cents to four cents; sweet peas, 40 cents to $1 per 100; gladioli, two cents to five cents; lilies, 10 cents and scarce at that. Retail prices for cut flowers were the best ever known at this period of the year.

NOTES.

August Eckstrand was found dead in his room at the Snelling Floral Company Saturday night, May 8. His death is supposed to have been caused by a sudden attack of syncope. He was 62 years of age and leaves two sons and one daughter in this city.

Oscar Amundson was called to Superior, Wis., by the sudden death of his sister, Mrs. Mary Gough, Wednesday, May 6. His brother, Andrew, with Thos. Lyons, and his mother accompanied him.

Swanson & Co. had the decorations for the Fleck-Starnes wedding, which was a very elaborate affair. Snapdragons and foliage plants were the main feature.

Rice Bros. has an enormous amount of stock and cleaned up everything, even the floor. They had to return several orders on account of no stock to be had.

Oscar E. Amundson has his usual big run on Will Bros.' home-grown stock, but reports that the raise in price a bad feature for Mothers' day.

L. S. Donaldson Co. had a complete clean-up for Mothers' day and had to turn away orders, as they were entirely sold out.

C. G. Anderson, formerly with Poehlmann Bros. Co., is to take charge of the Minneapolis Floral Co.'s range, May 17.

Miss H. B. Whitted had her stores crowded all day, and also sold all the stock she could obtain.

The local florists had a large Mothers' day display advertisement in three daily papers, May 7.

Providence, R. I.

ALL FLOWERS POPULAR ON MOTHERS' DAY.

Business for Mothers' day this year kept every one busy. White carnations were cleaned up early, and then all other flowers sold well. The wholesale prices on all stock did not advance very much except on the white carnations, which sold from $4 to $6 per hundred. Many of the stores sold out at an early hour, the trade being heavy with many customers but small sales. Decoration day is next on the calendar and the trade is getting ready for it now with displays of magnolia wreaths and artificial flowers. The department stores feature these wreaths on a much larger scale than the regular florist does. Geraniums are good and there seems to be plenty of them this year. The seedsmen are all busy now, and report business at its top form.

Macnair had 2,500 carnations, mostly white, and disposed of them all at an early hour, the sales being heavy as they were disposed of in small lots.

E. E. Nock, of Edgewood, is cutting orchids that are of good quality and of excellent color. H. A. T.

Baltimore.

The local florists all made preparation for a busy Mothers' day trade, and while a shortage of white carnations resulted in some of the wholesalers asking what might seem exorbitant prices, the suggestions made by the local press that red flowers be used as well, helped to keep prices of white stock normal. In the cut flower market conditions are dull.

The annual flower market of the Women's Civic League was held in Mt. Vernon place, May 12. Many of the local florists arranged artistic booths, and the ladies disposed of the flowers.

Charles E. Smith will move to new quarters, 207 North Liberty street, about May 15.

Hamilton Flower Shop is cutting gerberas, which are attracting considerable attention.

Wm. J. Halliday has returned to his business after two weeks' lay-up with a fractured arm.

The Florists' Exchange has received its first cut of gladiolus.

Gus Lutz had a heavy cut of carnations for Mothers' day.

Halliday Bros. made their first cut of gladiolus this week.

Samuel Feast & Sons have been cutting a few peonies.

Edwin Seidewitz is busy at the greenhouses.

J. A. Ritter & Son report satisfactory business.

John Cook reports business good.

R. J. B.

BIG SUPPLY OF
ROSES
For Memorial Day

American Beauties **Mrs. Chas. Russell**
Milady **Richmond**
Killarney **White Killarney** **Sunburst**
Maryland **Ophelia**

Our prices for Memorial Day this year are very reasonable when the exceptionally fine quality of the roses we are offering is considered. Send us your order as early as possible, and we will see to it that you will be taken care of right. Reinberg quality means the best.

CARNATIONS

Plenty of Red, White and Pink for everybody at $4.00 and $5.00 per 100. Order Today.

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete List of Greens.

Buy Direct From The Grower. **Memorial Day Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**
Carnations, select white	5 00
Good pink and red	4 00
Harrisii	12 50 to 15 00
Peonies	6 00 to 8 00
Valley	3 00 to 4 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 50
	40

2,000,000 Feet of Modern Glass

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

Large Supply of PEONIES

FOR

MEMORIAL DAY

Handling the entire cuts of several large growers of choice Peonies as we do, we are in position to fill your order best, and are offering all the seasonable varieties in the desired quantities at **$4.00--$6 00--8.00 per 100.**

BEAUTIES--ROSES

(Finest Ever) **(None Better)**

CARNATIONS

(Usual Fine Vaughan Quality)

Extra Fancy Stock in Large Quantities--So Order Here

It is always well to place orders in advance so as to avoid disappointment. Take Mothers' Day for instance. Many were disappointed because they waited until the last minute to order. We filled every order we booked for Mothers' Day in full and will do likewise on Memorial Day. The one best way to insure your supply for this occasion is to place it with us well in advance. **DO IT NOW.**

MEMORIAL DAY PRICE LIST—IN EFFECT MAY 26

AMERICAN BEAUTIES	Doz.
Specials	$4 00
36-inch	3 00
30-inch	2 50
24-inch	2 00
20-inch	1 50
15-inch	1 25
12-inch	1 00
Short stems, per 100, $4 00 to $6 00	

	Per 100
Richmond, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
Killarney, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
White Killarney, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
Sunburst, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
Mrs. Aaron Ward, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
Bulgaria, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
PEONIES, extra special	8 00
Special	6 00
Good	4 00

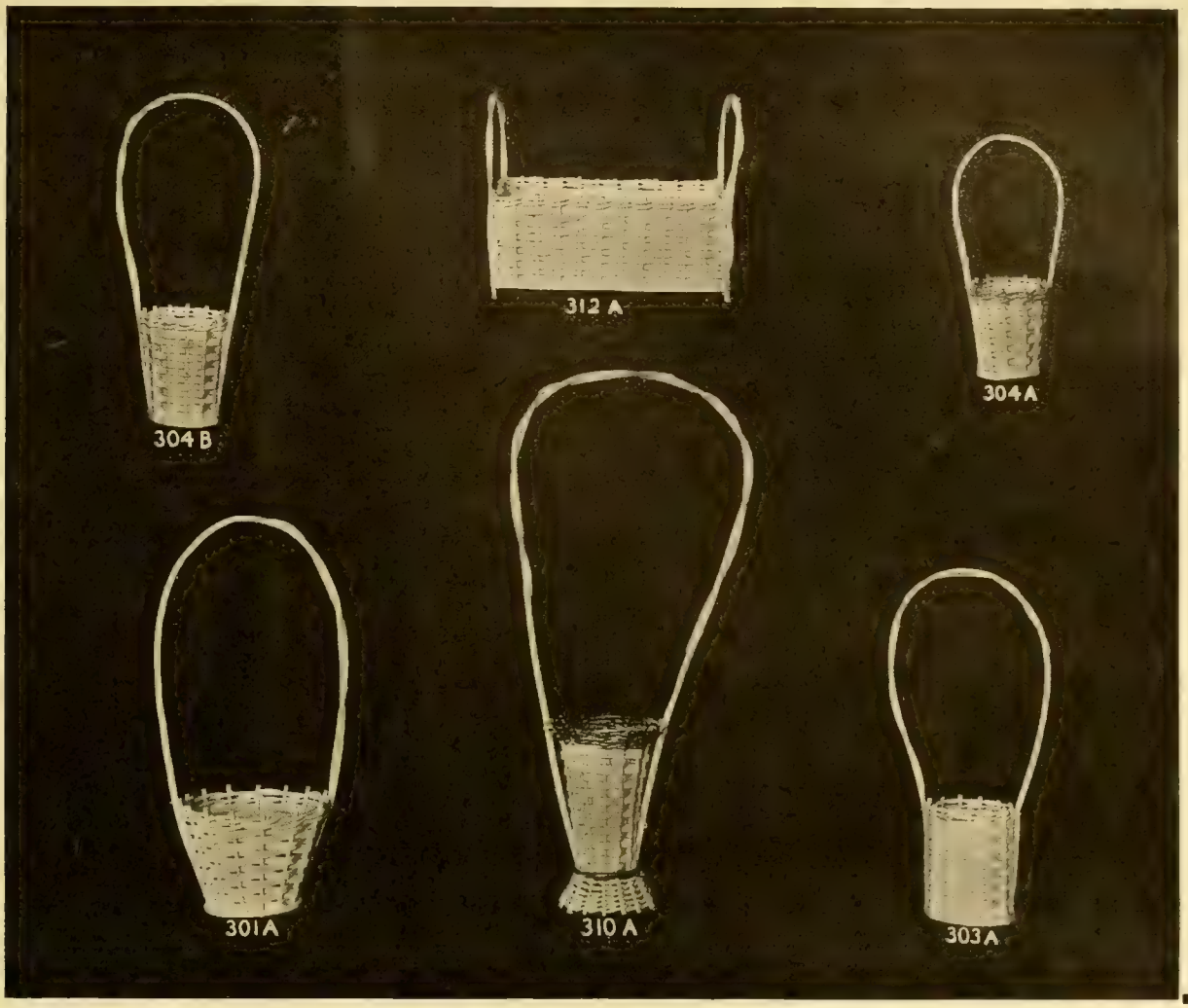
	Per 100
Carnations, fancy white and red	$4 00 to $ 5 00
Firsts	3 00
Orchids, Cattelyas, per doz., $6 00 to $7 50	

	Per 100
Callas	$12 50 to $15 00
Cape Jasmine	1 50 to 3 00
Spanish Iris	4 00 to 6 00
Valley	3 00 to 4 00
Mignonette, large spikes	4 00
Sweet Peas	75 to 2 00
Adiantum Croweanum	60 to 1 00
Smilax per doz., $2 00 to $2 50	
Sprengeri, Plumosus Sprays	3 00 to 4 00
Plumosus Strings ..... each, $ 60	
Ferns..1,000, $3 50 to 4 00	
Galax ..per 1000, 1 25	
Leucothoe	75

A. L. Vaughan & Co.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **CHICAGO**



BASKETS

Something New. Order a Few Today.

WE are now manufacturing Florists' Baskets and have something fine to offer at unusually low prices. Can supply any quantities so order as many as you want and let us hear from you as early as possible. What we aim to do is to avoid any unnecessary correspondence so bear this in mind when ordering for we issue no catalogue of any kind nor any other descriptive matter. The fact that we stand back of this offer should be sufficient guarantee that our proposition is right and that you will get your moneys worth if YOU BUY any of these goods. Order a sample shipment today.

PRICE LIST

Number.		Dozen
304-A	4 x4½x12 inches high with glass liners	$2.00
304-B	4½x5 x15 inches high with glass liners	3.00
304-C	5½x5 x16 inches high with glass liners	4.00
303-A	4 x5 x16 inches high with glass liners	3.00
301-A	5 x7 x18 inches high with tin liners	6.00
301-B	5 x8 x18 inches high with tin liners	6.00
301-C	5 x9 x18 inches high with tin liners	6.00
312-A	5 x5 x12 inches high with tin liners	$ .75 each
312-B	5 x5 x14 inches high with tin liners	1.00 each
310-A	8½x5½x24 inches high with glass liners	.50 each

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

DECORATION DAY

We shall control the largest and best stock of any Wholesale Dealer in the country.

40,000 SPIRAEA JAPONICA, 100,000 CARNATIONS, 75,000 ROSES.

Especially strong on **American Beauty, Richmond, Cardinal, Taft, Ward** and **Mrs. Charles Russell Roses.**

Lilies, Stocks, Lilacs, Lily of the Valley, Tulips, Sweet Peas, Pansies.
Unlimited quantity—top quality.

Ferns, Galax, Cycas, Leucothoe, Wire Designs, Immortelles, Sheaves, Wreaths, Boxes, Ribbons, Doves.

and the thousand and one other things you will surely need for this big day. We can supply them all and as low as you can buy anywhere. We offer a fine assortment of bedding plants. Write for the list.

For 37 years we have supplied our customers to their fullest satisfaction and can do it now as well.

WELCH BROS. CO.

226 Devonshire Street, BOSTON, MASS.

A Cordial Invitation

is extended to the trade to visit our new quarters on the main floor of the Atlas Building, at 158 North Wabash Avenue, which we moved into recently. Come in and see what we have to offer, whether you buy or not.

ROSES--CARNATIONS
FOR MEMORIAL DAY

Nice supply of all the leading varieties at reasonable prices. Also other seasonable Cut Flowers and a good supply of Greens.

SINNER BROS.

Wholesale Growers—Cut Flowers and Plants

158 North Wabash Avenue, CHICAGO, ILL.

PLUG FOR PEONY POPULARITY; IT PAYS.

An almost inexhaustible quantity of quality cuts are controlled by this House.

A short crop is predicted, but that does not mean that we will not be able to deliver; only prices are certain to go up.

DO NOT ORDER JUST PEONIES;
IT IS JUST AS EASY TO GET
QUALITY CUTS
FROM KENNICOTTS

On or before May 24th.
$4.00 to $8.00 per 100

ORDER NOW.

Established 1883 Incorporated 1892

KENNICOTT BROS. CO.

WHOLESALE COMMISSION FLORISTS

163-5 North Wabash Avenue, Chicago, Illinois

FOR MEMORIAL DAY

FINE CROPS OF ROSES

CARNATIONS-PEONIES

Place your Memorial Day order with us this year well in advance and we will see to it that you will get the best stock in this market at prices that are right. Out-of-town florists who send their orders to us can rest assured that they will receive the same treatment that they would get if they were on the market personally selecting the stock. Order today and avoid disappointment.

MEMORIAL DAY PRICE LIST—IN EFFECT MAY 26

AMERICAN BEAUTIES	Doz.
Specials	$4 00
36-inch	3 00
30-inch	2 50
24-inch	2 00
20-inch	1 50
15-inch	1 25
12-inch	1 00
Short stems, per 100, $4 00 to $6 00	

	Per 100
Richmond, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
Killarney — Killarney Brilliant, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
White Killarney, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
Sunburst, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
Mrs. Aaron Ward, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
Bulgaria, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
PEONIES, extra special	8 00
Special	6 00
Good	4 00

	Per 100
Carnations, fancy white and red	$ 5 00
Good Select	4 00
Orchids, Cattelyas, per doz.,	$6 00 to $7 50
Callas	$12 50 to $15 00
Cape Jasmine	1 50 to 3 00
Spanish Iris	4 00 to 6 00
Valley	3 00 to 4 00
Mignonette, large spikes	4 00
Sweet Peas	75 to 2 00
Adiantum Croweanum	60 to 1 00
Smilax per doz., $2 00 to $2 50	
Sprengeri, Plumosus Sprays	3 00 to 4 00
Plumosus Strings, each,	$ 60
Ferns, per 1000, $3 50	
Galax, per 1000, 1 00	
Leucothoe	75

A. T. PYFER & CO.,

30 E. Randolph St., L. D. PHONE CENTRAL 3373. **Chicago, Ill.**

ROSES

—AND—

CARNATIONS

IN LARGE SUPPLY FOR MEMORIAL DAY

All the leading varieties of both at reasonable prices.
Order of us and we will fix you up right. Write now.

We Grow All Our Own Stock.

Hoerber Bros.

Wholesale Growers of Cut Flowers

162 N. Wabash Ave., Long Distance Phones: Randolph 2758. Automatic 41-770. **Chicago**

H. VAN GELDER, Pres. L. M JONES, Secy.

PERCY JONES
INC.

WHOLESALE COMMISSION FLORISTS

Importers and Jobbers of Florist Supplies

56 East Randolph Street
CHICAGO

Ribbons and Chiffons Our Specialty

MEMORIAL DAY PRICE LIST

PEONIES.	Per 100
Select	$8.00
Fancy	6.00
Good	4.00

AMERICAN BEAUTIES.	Per Doz.
Specials	$4.00 to $5.00
36-inch stems	3.00
30-inch stems	2.50
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.25
Short stems	1.00

RICHMOND, KILLARNEY, WHITE KILLARNEY AND MY MARYLAND ROSES.	Per 100
Select	$10.00
Fancy	8.00
Medium	6.00
Good Short	4.00

YOU CANNOT buy our quality of Flowers elsewhere at a lower price.

YOU CANNOT buy our quality of service elsewhere **at any price.**

NEW ROSES. MRS. GEO. SHAWYER, MRS. AARON WARD, KILLARNEY BRILLIANT, SUNBURST, BULGARIA AND OPHELIA.	Per 100
Select	$12 00
Fancy	10.00
Medium	8.00
Good Short	5.00

CARNATIONS.	
Fancy	$6.00
Firsts	5.00
Commons	4.00

ORCHIDS.	
Cattleyas	per dozen, $6.00 to $7.50

MISCELLANEOUS.	Per 100
Lilies	$12.50 to $15.00
Callas	per dozen, $2.00 — 12.50 to 15.00
Spanish Iris	4.00 to 8.00
Valley	3.00 to 4.00
Sweet Peas	.75 to 1.50

DECORATIVE.	
Adiantum	.75 to $ 1.00
Smilax	per dozen, $1.50 to $2.00
Sprengeri Plumosus Sprays	2.00 to 4.00
Plumosus, Strings	each, 60c
Extra long Green and Bronze Leucothoe	.75
Extra long Green and Bronze Leucothoe	per 1000, $4.00 to $6.00
Ferns	per 1000, $3.50 to $4.00
Galax	per 1000, $1.00

YOU CANNOT

hire any help, or get a partner whom you can depend upon more or who will work as hard for you, as

Very truly yours,

PERCY JONES.

POEHLMAN
72-74 E. Randolph St.,

American Beauties - Ophelia - Mrs. Chas. Russell
Sunburst--Hadley--Milady--Richmond--Aaron Ward--Killarneys--Cecile Brunner.
PEONIES--- CATTLEYAS--- VALLEY--- GARDENIAS

MEMORIAL DAY PRICE LIST. In effect May 26.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$4.00
36 inches long	3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50
Short, per 100, $4.00, $6.00, and $8.00.	

	Per 100		
OPHELIA	$4.00 to	$6.00 to	$10.00
HADLEY	4.00 to	6.00 to	10.00
SHAWYER	4.00 to	6.00 to	10.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100		
Extra long			$10.00
Long			8.00
Medium	$5.00 to		6.00
Short	3.00 to		4.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long			$10.00
Long			8.00
Medium	5.00 to		6.00
Short	3.00 to		4.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 2.50
30 inches long	2 00
24 inches long.	1.50
18 to 20 inches long	1.00
Short ..... per 100, $4.00, $6.00	

CECILE BRUNNER or SWEETHEART ROSE.

Per 100 ..... $2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

CARNATIONS, fancy, per 100,		$6.00
Medium	"	5.00
Short	" $3.00 to	4.00
GARDENIAS ..... per doz.,		$2.00 to $3.00
CATTLEYAS ..... per doz.,		6.00 to 9.00
CAPE JASMINE, per 100,		2.00 to 4.00

LILY OF THE VALLEY.

	Per 100
Extra fancy	$4.00
First quality	3.00
Second quality	2.00

PEONIES

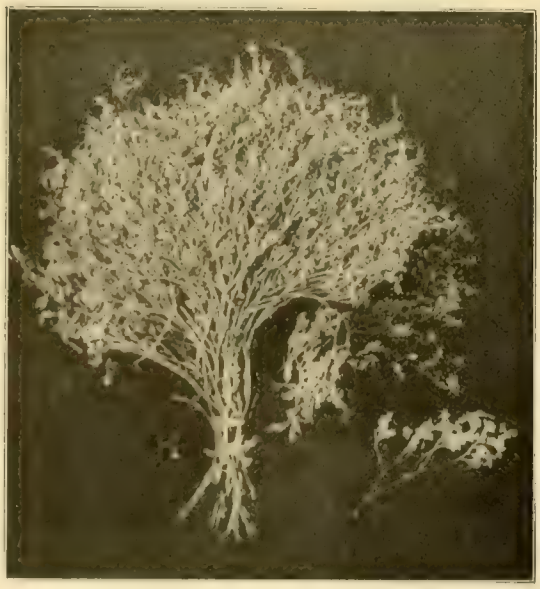
	Per 100		
Fancy pink and white	$8.00 to		$10.00
Medium			6.00
Small	3.00 to		4.00

MISCELLANEOUS CUT FLOWERS.

Sweet peas (common)	$0.50 to		$ 0.75
Sweet peas (Spencer)			.50
Lilies	8.00 to		10 00
Snapdragons ..... per doz.,	1.00 to		1.50
Daisies	1.00 to		2.00
Mignonette	4.00 to		6.00
Pansies ..... per doz. bunches	1.00 to		1.50

MISCELLANEOUS GREEN GOODS.

Mexican Ivy			$ 0.75
Smilax, ... doz. $2.50			
Sprengeri and Asparagus Sprays	$2.00 to		3.00
Asparagus Plumosus, per string, 60c			
Leucothoe			1.00
Adiantum	1.00 to		1.50
Galax (bronze) ..... per 1,000			$1.00
" (green) ..... per 1000,			1.25
Eastern flat ferns .. per 1,000			$3.50 to 4 00
Boxwood, per lb , $0.25.. .... per case,			7.50



Statice, plain	per lb.,	$0.50
" Iridescent effect	per lb.,	.75
Ruscus, red and green	per lb.,	.75
Magnolia Leaves	per box,	1.25
Short Cycas Leaves	per 100,	2.00
Assorted sizes, 16 to 40 inches	per 100,	7.00

Plain Magnolia Wreaths

ROUND.

	Per doz.
18 inches in diameter	$ 6.00
21 inches in diameter	7.00
24 inches in diameter	9.00
27 inches in diameter	12.00

Glass Cemetery Vases

	Per doz.	Per bbl.
10-inch	$1.50;	5 dozen, $7.00
12-inch	2.00;	5 dozen, 9.00
16-inch	3.50;	2 dozen, 7.00

White and Green Enamel Vases

	Height	Diam.	Each	Doz.
No. 1	6¾	4¼	20c	$2.00
No. 2	6¼	3½	15c	1.60

Sheet Moss

Fine fresh material, per bag, $2.00

CYCAS WREATHS

Made in U. S. A.

	Each
15 inches in diameter	$ .75
18 inches in diameter	1.00
21 inches in diameter	1.25
24 inches in diameter	1.65
27 inches in diameter	2.00
30 inches in diameter	2.50

N BROS. CO.

ong Distance Phone, Randolph 35.

CHICAGO, ILL.

BEDDING PLANTS

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
Alternantheras, red and yellow, and **Brilliantissima**	$ 2.50	$23.00
Alyssum, Sweet, 2¼ in	2.50	20.00
Ageratum, Blue Dwarf, 2¼ in	2.50	
" " " 3 in	5.00	
" " " 4 in	8.00	
Begonias, Luminosa and Vernon for bedding, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
Begonia, Chatelaine, 2¼ in	3.50	
3 in	8.00	
4 in	15.00	
Cobaea Scandens, 4 in.. 1.50 per doz.		
Coleus, in variety, 2¼ in	2.50	
3 in	5 00	
Caladiums, Fancy Leaved (Summer delivery) 5 and 6 in. pots. 50c to $1.50 each.		
Dusty Miller, for border, 2½ in	2.50	23.00
Dracaena Indivisa, strong, 3 in	7.00	
4 in	12.00	
5 in	20.00	
Geraniums, the best and most popular bedding varieties, 4 in.. in bloom..	8 00	80.00
Rose Geraniums, strong, 3 in	5.00	
4 in	8 00	
Pansy Geraniums, in bloom, 3 in	5.00	
4 in	8 00	
Pansy Geraniums, in bloom, larger plants. prices on application.		
Mme. Salleroi Geraniums, 2¼ in	3.00	
3 in	5 00	
Heliotropes, 2¼ in	2.50	
3 in	5.00	
4 in	10 00	
English Ivy, 2½ in	3.00	
4 in	15.00	
English Ivy, strong 5 in......$20.00 to	35.00	
German or Parlor Ivy, 2½ in	2.50	
3 in	5.00	

	100	1000
Lobelias, for Bedding & Hang. Baskets.		
Lobelias, Speciosa, Crystal Palace and Bedding Queen 2¼ in	$ 2.50	$22.00
Lobelia, Cathleen Mallard (double)	3.00	
Marguerites, Yellow and Mrs. F. Sanders, 2¼ in	3.00	
3 in	5.00	
4 in	10.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom. If wanted in baskets an additional price will be charged to cover cost of same.	2.50	25.00
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼	3.00	
3 in	5 00	
Phlox Drummondi, all colors, 2¼ in	2.50	23.00
3 in	5.00	45 00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Ricinus (Castor Oil Beans) red foliage, strong, 4 in	12.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
Smilax, strong new stock, 2¼ in	2.50	23.00
3 in	6.00	50.00
Torenia Fourneri. Blue, 2½ in	2.50	
3 in	5.00	
Vinca Rosea and **Alba,** 2¼ in	2.50	
Vinca Minor (Hardy Grave Myrtle) 3 in.	6.00	
Vinca, variegated and green for boxes and vases, 2¼ in	2.50	23.00
4 in......$12.00 to	15.00	
Verbenas. all colors, 2¼ in	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**

Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 50c each. 5 n. at 50c to 75c each.

Pandanus Veitchi, highly colored, 4 in., 50c each. 5 in., 75c each. 6 in., $1.25 to $1.50 each. 7 in., $2.00 to $2.50 each.

Boston, Whitmani and Roosevelt Ferns, 7 in. pots, 75c each. 8 in. pots, $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.

Dracaena Terminalis, highly colored, extra fine, 4 in., $3.00 doz. 5 in., $5 00 doz. 6 in., $7.50 doz.

Araucarias, Excelsa, fine stock. Robusta Compacta, large plants, $1.50 to $2.00 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv, de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.

Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

Hydrangea Otaksa and French varieties, 50c to $1.50 each.

	per 100	per 1000
Asparagus Plumosus, 2¼ in	$ 3.50	$30.00
3 in	7.00	65.00
4 in	12.00	115.00
Asparagus Sprengeri, 2¼ in	2.50	22.00
3 in	5.00	48.00
4 in	10.00	98.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-in.	Per 1000	Per 5000
adley	$120 00	$550 00
ichmond	110 00	$500 00
ecile Brunner	100 00	......

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in.	Per 1000	Per 5000
Milady	$60 00	$275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
iss Marvella French, late white	$8 00	$70 00
iss Pauline Anderson, late yellow	8 00	70 00

Both these varieties scored 94 points by judges the Chrysanthemum Society of America, at nicago, and both scored 95 points by the judges the Minnesota State Florists' Association, at inneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

ANNOUNCEMENT

We have leased larger quarters in the Atlas Building and will soon be located in Rooms 212-213-214, where we will be better situated to handle our ever-increasing business and where we will be pleased to have you call and inspect our stock whether you buy or not. Come in and get acquainted.

PEONIES--ROSES--CARNATIONS LILIES-SWEET PEAS-VALLEY

FOR MEMORIAL DAY

Also everything else in Seasonable Cut Flowers that you may need, including a splendid line of Green Goods. Get in touch with us right away in regard to your supply for Memorial Day and we will see to it that your order is properly taken care of. Do not wait until the last minute—mail it immediately.

JOHN KRUCHTEN CO.

162 N. Wabash Ave., Phone Central 6269, **CHICAGO**

Chicago.

MOTHERS' DAY DEMAND EXCEEDS SUPPLY.

The demand for stock for Mothers' day was exceedingly large, but stock was very scarce and it was impossible to supply anywhere near the demand. Prices were very good but the dealers held to the advertised quotations pretty well, even though they could have got more for the stock if they would have asked it. Carnations brought from $4.00 to $6.00 per 100 the latter part of the week and in some instances more, but most of the wholesalers were satisfied with the prices that they advertised. Roses sold well also and cleaned up almost as quickly as carnations at good figures. American Beauty roses sold well, but prices were nothing to speak of, considering the demand and the exceptionally fine quality of the stock offered. Peonies had a good call and so did gladioli, tulips, snapdragons, sweet peas, lilies, stocks, lilac and in fact everything else in seasonable cut flowers. The market cleaned up completely as the writer predicted it would for Mothers' day three weeks ago and the buyers that placed their orders well in advance as they were advised to do then, reaped the benefit, and in nearly all cases had their orders filled in full. The real cause of the shortage of stock for Mothers' day this year was due to the fact that most of the growers started to plant earlier than usual, for the exceedingly warm weather during April brought the stock on in great shape and the market being glutted and stock not bringing anywhere near the prices that it should, the growers figured that it would be best to start planting, which they did, but it is a question whether there would have been enough stock then or not, had they not done so, for the demand exceeded all expectations and the result would most likely have been the same. The demand for Mothers' day is increasing each year and while it was Anna Jarvis that gave Mothers' day to the world, it is just as well to remember that THE AMERICAN FLORIST gave it to the florist trade of the United States, and it was in these columns, issue of May 16, 1908, page 830, that the benefit to be derived from the holiday from a flower-selling standpoint was first pointed out. Speaking of the market conditions since the opening of the present week, business is good, and what stock is arriving is cleaning up quickly at good prices. It is a question just how large the supply of stock will be for Memorial day, but the wise buyers will do well to place their orders as early as possible and avoid disappointment.

NOTES.

Mrs. Potter Palmer's large conservatory on the south of her Lake Shore drive residence, which has been one of the attractive features of the house, is being torn down. The plants have been moved to Mrs. Palmer's estate at Sarasota Bay, Fla., and the conservatory has been out of use for several years. What will take its place has not yet been decided.

A. L. Vaughan & Co. have added another American Beauty grower to their list and are receiving a large supply of fancy stock in this line. Mr. Vaughan received his new Moline-Knight car this week and made his trip to Oak Park in it on May 11. The new line of baskets that this firm is manufacturing is now on display at this store.

The large sign stretched across the building at 131 North Wabash avenue which reads that Colby & Son will occupy this building as soon as it is remodeled does not affect Bassett & Washburn, for their lease is good for another year, and according to Mr. Washburn no arrangements for new quarters have yet been made.

Robert C. Lange, 3339 North Whipple street, bought a new Ford delivery car this week.

NOTICE!!

For the convenience of the Retail Florists of Chicago, we have moved to the main floor at 158 N. Wabash Avenue—Atlas Block.

We now have the **BEST** Location in the biggest wholesale market in the world.

Make our store your headquarters. We are convenient to all elevated trains and loop surface lines.

Good supply of stock for Memorial Day.

Order here NOW.

M. C. Gunterberg

158 N. Wabash Ave., Chicago

SNAPDRAGONS

PINK-YELLOW

Sweet Peas - Stocks - Roses - Carnations - Lilies Yellow Daisies - Greens of all kinds.

O. A. TONNER,

30 East Randolph St., CHICAGO.

Flowers for Memorial Day

CARNATIONS

EXTRA LARGE FANCY FLOWERS

On Long Stiff Stems, Red, White and Pink, $5.00 per 100.

A BIG CROP ASSURED.

ROSES, Our Selection

In lots of 500 or more at rate of $40.00 per 1000.

Price List in Effect May 26th

American Beauties	Per doz.
Specials, extra long stems	4.00
Extra long stems, seconds	$1.50 to 2.00
36 in. stems	3.00
24 in. stems	2.00
12-18 in. stems	1.50

Rhea Reid, Bulgarie and Shawyer.	Per 100
Extra long	$10.00
Medium	$6.00 to 8.00
Short	5.00

White and Pink Killarney and Richmond.	
Long	8.00
Medium	6.00
Short	$4.00 to 5.00

Cecile Brunner ..... per bunch, 35c to 50c

Yellow Roses, Hillingdon and Sunburst.	Per 100
Long	10 00
Medium	$6.00 to 8.00
Short	5.00

Carnations.	Per 100
Red, White and Pink, extra fancy	$5.00
LILY OF THE VALLEY	$3.00 to $4.00
ORCHID-FLOWERING SWEET PEAS	.75 to 1.00
ASPARAGUS SPRAYS and **SPRENGERI**	3.00
FERNS, Eastern	per 1000, $4.00
FERNS, Southern	per 1000, 3.00
ADIANTUM	1.00
GALAX, bronze and green	per 1000, $1.00

ROSES in lots of 500 or more at the rate of $40.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

Peonies and Other Seasonable Flowers at Lowest Market Prices

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

FANCY SWEET PEAS
ROSES--CARNATIONS
BEAUTIES--PEONIES
For Memorial Day

Place your order with us as early as possible and avoid disappointment. Our stock is all of the finest possible quality, and the prices are right; so order here, where both quality and quantity reign supreme. In addition to the above we have everything else in seasonable Cut Flowers, such as Lilies, Sweet Peas, Valley, Snapdragons, Stocks, etc. Always remember that our line of Cut Flowers and Greens is so complete that if any particular item is desired and is to be had it is usually at our establishment. ORDER NOW.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central { 3284 3283 Chicago

Wm. F. Schofield, the North State street florist, had the misfortune of bruising his right hand quite severely when his horse ran away on Sunday, May 9. It seems that the harness broke and the wagon kept striking the horse until it became frightened and got beyond control and galloped madly down the street until it collided with an automobile at the corner of Chicago avenue and Clark street. Mr. Schofield is satisfied that he got off easy, even though his right hand is encased in bandages.

Davis & Steiner, of Ottawa, have just placed an order with the Garland Manufacturing Company for a new iron frame greenhouse, 76x900 feet, to be devoted to the growing of cucumbers. The Garland Co. will start work on the new house right away and expect to have it completed in a few months. D. B. Dulmage and Henry Streitlemeier are now looking after affairs at the factory and report that the outlook never was more encouraging than it is right now.

Wietor Bros. had a very satisfactory Mothers' day trade and cleaned up their stock at an early hour after taking care of their regular customers in good shape. This firm is now cutting a fine supply of roses, especially Sunburst, which are in good demand. N. J. Wietor's youngest son, Harry, is confined to the St. Francis hospital at Evanston with a light attack of scarlet fever.

Herman Rogers, of the Weiland & Risch store force, received a letter from Lawrence Mathes, who is now in the employ of the Shotwell Floral Co., Fargo, N. D. Mr. Mathes was formerly with Weiland & Risch and his many friends here are pleased to learn that he is doing nicely and is so well pleased with his present position.

A. T. Pyfer, of A. T. Pyfer & Co., had the market conditions pretty well sized up for Mothers' day, and the result was just as he predicted it would be. In speaking of the outlook for stock for Memorial day he expects to see a clean-up as far as carnations are concerned and advises placing orders early.

A. J. Budlong, who looks after the growing end of the J. A. Budlong business, was seen at the store on May 11 and never appeared in better health then he did then. A nice supply of fancy lily of the valley is one of the chief offerings at the Budlong store this week.

H. Van Gelder has increased the Percy Jones' store force in the person of Maurice Grossberg, who entered upon his duties in time to help out during the Mothers' day rush. Trade was very good at this store last week, and the demand the present week is keeping up well.

Erne & Klingel are having a good run on smilax, which they are handling in quantity and for which they have been headquarters for some time past. Chas. Erne says that it is impossible at times to supply the demand.

Some of the local dealers report that they have received word from their eastern fern dealers that they will be unable to supply them with stock after May 20, which accounts for the advance in prices this week.

M. C. Gunterberg and Sinner Bros. are well pleased with the business that they have done since they moved into their new store at 158 North Wabash avenue, and report that sales so far have increased wonderfully.

John Michelsen, of the E. C. Amling Co.; H. N. Bruns and W. J. Keimel, of Wendland & Keimel, visited the greenhouses of French & Salm, at Union Grove, Wis., May 12, making the trip in Mr. Keimel's auto.

Hoerber Bros. are still offering a nice supply of home-grown gladioli of fine quality for which they are having a good demand. They sold unusually well for Mothers' day and brought very satisfactory prices.

Governor Dunne has appointed A. I. Simmons depot quartermaster in the commissary department of the Illinois National guard, which will encamp at Dixon, June 25 to August 15 inclusive.

The Chicago Flower Growers' Association is receiving regular shipments of orchids in addition to its regular line of roses, carnations and other seasonable stock.

Dave Lavitt, who conducts the flower stand in the La Salle street depot, has blood poisoning in his left hand, which resulted from a scratch of a rose thorn.

Joseph Ziska & Sons report business as good in both the supply and wire departments. Their delivery car is kept going all the time, and is proving to be a paying investment.

The Auburn Florist, 754 West Seventy-ninth street, has opened a new store at 7844 Halsted street and will operate both places in the future.

O. A. Tonner had a brisk demand for snapdragons for Mothers' day and sold all she had to offer at an early hour at good prices.

Can Use Consignments of First-Class Peonies

to good advantage. Our experience in handling large crops from our own plantation, which were sold last fall, is a sufficient guarantee that we have a ready market and can make good returns. We are handling no other peonies at present. Start shipping to-day if you have any to send.

A. T. PYFER & CO., 30 East Randolph St., Chicago

A Few Copies Left

"Accounting For Florists"

"Accounting For Cemeteries"

Copyrighted 1914 by
AN EXPERT

I will close out the balance of these editions at 65 cents per copy, as long as they last. Sent postpaid to any address in the U. S.

If you get one idea to help you, wouldn't it be worth the price?

J. W. HANKS
10 and 11 Batavian Bank Building
LA CROSSE, WIS.

WIETOR BROS.

L. D. Phone, Randolph 2081

162 N. Wabash Ave., CHICAGO

ROSES

BIG CROPS FOR

★ DECORATION DAY ★

——EXTRA FANCY——

American Beauty, Killarney, White Killarney, Richmond and Sunburst

CARNATIONS

Heavy Crop of White, Pink and Red

Place your order with us now and you will get the best stock in this market at the most reasonable prices. **'Nuff Said.**

Decoration Day Price List:

American Beauties	Per Doz.
36-in. stems	$4.00
30-in. stems	3.00
24-in. stems	2.50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Sunburst	Per 100
Extra Special	$8.00
Selects	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Carnations	Per 100
Fancy	$5.00
Good	4.00
Lilies, Fancy—	Per 100, $12.50 to $15.00
Peonies	Per 100, 4.00 to 8.00
	Per 1000
FERNS	$3.50
SMILAX	doz., $2.50
ADIANTUM	1.00

SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c

Attention! Peony Growers!

If you have any Cut Peonies that you would like to consign to the Chicago market, ship them to us immediately and you will receive your returns promptly. Do not wait to write to us, but send in a shipment as soon as the stock is ready to cut, for we have a ready market for all that we can handle.

Send in a shipment today if possible!

MILLER & MUSSER

WHOLESALE FLORISTS

179-181-183 Michigan Ave., CHICAGO

A change will take place in the ownership of the wholesale firm of John Kruchten on May 23, when the books will be closed and the new corporation of John Kruchten Co. will take charge. The firm has already applied for a charter and will move into its new quarters in the Atlas Building as soon as Kyle & Foerster vacate them. The officers of the new concern are well known to the trade and are John Kruchten, president and treasurer; Henry Kruchten, vice-president, and C. L. Sherer, secretary. The new concern will no doubt build up a large business, for the proprietors have been engaged in the wholesale business for many years and are well liked by both the growers and members of the retail trade.

Poehlmann Bros. Co. has bought another delivery truck and now has two 2-ton and one 1½-ton Sternberg trucks making daily trips from the greenhouses at Morton Grove to the city store. The Mothers' day trade was very good at Poehlmann Bros. Co.'s store this week and it has been a long time since they were sold out as completely in all lines of cut flowers so early in the day as was the case on Saturday, May 8. John Conlon will succeed C. G. Anderson as superintendent of the plant department, and is well qualified to fill the position to which he has been promoted.

The George Wittbold Co. has installed the necessary machinery to make its own boxes at its establishment at Buckingham place and now has a little factory of its own. The large shipping trade that the firm enjoys calls for so large a number of boxes that Louis Wittbold came to the conclusion that a small factory of its own was needed and would prove to be a good investment. All the stock from the Edgebrook range and the Des Plaines greenhouses is brought to the Buckingham store by Federal auto trucks and trailers, where it is packed and shipped to its destination.

Through the efforts of the committee on downtown streets, co-operating with the business men of this city, a movement was inaugurated two years ago to bring about the use of growing plants in window boxes in the central business district. The handsome displays exhibited by all lines of business and totalling one mile in length in the downtown district alone was an indication of the interest aroused.

Peter Reinberg had a big Mothers' day trade and Felix Reichling reports that the sales compared most favorably with those of last Easter. Both the local and shipping demand exceeded all expectations. Inquiries regarding stock for Memorial day are numerous and business since the opening week has been very good.

THE RETAIL FLORISTS' CO.

Suite 510, 56 E. Randolph St.

Not for profit
But for the benfit of
its members.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

Miller & Musser had a brisk demand for southern grown gladioli for Mothers' day, which they are handling in quantity. Jack Henesch, one of the employes, received a shipment of strawberries from a friend in the south one day this week, which were distributed to the customers while they lasted.

Zeck & Mann are receiving a large supply of choice sweet peas which their growers report will be in good crop for Memorial day. Allie Zech says that the Mothers' day trade at this store was very satisfactory and everything cleaned up quickly at good prices.

Kennicott Bros. Co. started to place their peonies in cold storage this week and judging from the way the shipments are arriving one would say that this firm ought to have enough to supply their customers with for the coming big flower day.

Louis Hoeckner of the Peter Reinberg store force, is conducting his flower booth again this year at Riverview Park and expects to make enough money this season to build a new range of greenhouses on his farm at Crystal Lake.

Sullivan Bros., proprietors of the Woodlawn Floral Shop, 871 East Sixty-third street, have a contract to furnish 2,000 cut roses every day for two weeks to a movie theatre in Austin.

USE Budlong's Blue Ribbon Valley.

Jensen Bros., 3335 Lincoln avenue do a nice seed business at their florist store and report that the sales so far this season are nearly 40 per cent ahead of last year.

Weiland & Risch have started to cut quite heavily in gladioli and a good supply of Mrs. Francis King and America are now reaching the store.

F. W. Martin, 609 East Fortieth street, has the sympathy of the trade in the loss of his wife, whose death occurred on Wednesday, May 5.

Albert Koehler, of Vaughan's Seed Store, has the sympathy of many friends in the loss of his mother, who died last week.

Kyle & Foerster are handling a good supply of peonies and some very fancy stock is included in the shipments.

Memorial Day Orders

NOW BEING BOOKED

Place your order with us early and avoid disappointment. Our stock is the aggregate output of 75 expert growers, which will enable us to fill your order right. Roses will run from 3 to 8 cents, Carnations 4 to 5 cents, and Peonies from 4 to 8 cents.

BUY HERE — PLAY SAFE — ORDER EARLY.

Chicago Flower Growers' Association

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Avenue, L. D. PHONE, RANDOLPH 5449. **Chicago, Ill.**

The Raedlein Basket Co. has had a good call for window and porch baskets the past week and orders for same are still arriving. Bridal baskets are selling better, which reminds one that the month of weddings is rapidly approaching.

The Ickes-Braun Mill Co. reports business as satisfactory with the outlook encouraging. Several contracts for new houses have been closed and inquiries from prospective builders are more numerous.

Chas. Erne is wondering how market conditions will be next year about this time, for the dates of Easter, Mothers' day and Memorial day follow each other closely.

Visitors: George Collins, with Henry Smith, Grand Rapids, Mich.; J. A. Kairns, representing Henry A. Dreer, Philadelphia, Pa.; Harry Balsley, Detroit, Mich.; — Clark, with Green-Joyce Co., Columbus, O.; Henry Shimmels, Milwaukee, Wis.; Robt. A. Smythe, Benton Harbor, Mich.; Harry Bayersdorfer and Martin Reukauff, with H. Bayersdorfer Co., Philadelphia, Pa.; J. Cole, Jr., Peoria; J. Macey, with Macey Floral Co., St. Paul, Minn.

Chicago Florists' Club.

There was an excellent attendance at the regular monthly meeting of the Chicago Florists' Club, May 6. This was the first meeting since the consolidation of the two clubs and both of them were well represented in the members present. P. M. Palez, Little Rock, Ark.; Philip J. Foley, Jr., Thirty-first street and Spaulding avenue; H. O. S. Nichols, 5718 Kimbark avenue; C. J. Michelson, 172 North Wabash avenue, and F. S. Webb, 30 East Randolph street, were elected members, and those proposed for membership included C. O. Youngstrand, Morton Grove; Theo. Keirchner, 323 West Randolph street; Oscar Leistner, 323 West Randolph street, and H. H. Wilkerson, 56 East Randolph street.

The transportation committee presented an itinerary of the convention trip to San Francisco next August. This was adopted and is to be issued soon. Carl Cropp and N. Miller, representing the Horticultural Society, presented a preliminary report on the proposed fall show and it is the intention of committees representing this organization and the florists' club to begin work at once on the premium list. President Keimel appointed Wm. Lorman, R. E. Moore, Peter Olsem and Otto Goerish sports committee and H. N. Bruns, A. T. Pyfer and M. Barker committee to prepare suitable resolutions on the death of the late John Zech.

H. G. Fogleman, of the Sheldon school, gave an interesting and most instructive talk on "Business Building

"WE MAKE THEM BETTER"

We are offering our No. 4708 Florists' Refrigerator, which regularly sells for $170.00, at

$125.00

for a limited time only.

¶ 84 inches wide, 28 inches deep, 75 inches high. Any desired finish; interior white enameled galvanized iron. Our catalogue shows No. 4708, listed at $170.00. Now is your chance to save money. Cash with order, please. **Write for Catalogue.**

BUCHBINDER BROS.

Manufacturers Florists' Refrigerators,

518 Milwaukee Avenue, CHICAGO

FOR

MEMORIAL DAY. SPRING WEDDINGS.

Anything and Everything that the market affords in both Cut Flowers and Greens—Particularly Choice

ROSES--CARNATIONS--VALLEY--SWEET PEAS

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Prices As Low As Others.

and Salesmanship." This was one of the best discourses given before the club during recent years and it is safe to say that every member present derived much benefit from it. Mr. Fogleman has promised to talk again before the club on a similar topic and every member who has the welfare of his business in mind should make a special effort to hear it.

Supt. Kanst, of Lincoln park, suggested the cooperation of local parkmen and members of the florists' club in the reception of visitors to this city enroute to the San Francisco conventions of the Society of American Florists and American Association of Park Superintendents, next August, and President Keimel promised the appointment of a committee.

Cleveland.

MOTHERS' DAY DEMAND CLEANS MARKET.

Truly Mothers' day must be conceded by all to be one of the best holidays of the year. The community advertising and other articles by Mrs. Ella Grant Wilson on Mothers' day sentiment, in which she advocates the use of flowers as gifts for nearly all occasions, is certainly bearing fruit. Advertising consistently and scientifically must bring results, as has been shown. Business this year was all that could be desired; everything cleaned up nicely and prices generally were not exorbitant. The only drawback was the scarcity in the supply. After a week of hot weather, which literally cooked the stock, followed by a week of cold, wet and cloudy weather which lasted practically up to the last day, it made stock scarce when compared with the very healthy demand which had been created. Roses, carnations and sweet peas were perhaps most in demand. Of these, roses were only in fair supply, the crop being perhaps below normal, due to the weather conditions. Carnations, although more plentiful, were only a trifle, compared to the demands, but sweet peas were scarce, and many were the dissappointed customers who had sold and taken orders for them. Snapdragons in all colors was quite plentiful, but these too cleaned up entirely. Lilac, which locally just began to open the past week, sold well in both lavender and white. Darwin tulips were in good demand, as were daisies. Lily of the valley was in good supply, but not in very good demand. Easter lilies did not sell as well as expected, though considerable numbers were sold.

C. F. B.

GARDENIAS

Choice buds (Jasmine Grandiflora) with an abundance of bright, fresh foliage from strong, vigorous plants.

Class A.....$1.50 per 100, $13.00 per 1000; stems over 12 inches. F. O. B.
Class B..... 1.00 per 100, $8.50 per 1000; stems under 12 inches. F. O. B.

Cash or C. O. D.

YARD & YARD

P. O. BOX 201, ALVIN, TEXAS

New Orleans Horticultural Society.

The flower show under the auspices of the New Orleans Horticultural Society opened at the Athenaeum May 6, and while the attendance the first day was poor, due to rainy weather, the weather cleared the following day, bringing record breaking crowds.

The exhibits were all most interesting. It was a show that took time to cover, with here and there some new plant, and to study the effect of the many artistic arrangements. Peter A. Chopin's display of hydrangeas banking the entrance was one of the show features, with great oblong baskets of maiden hair ferns.

The orchid display by Newsham and Scheurmann of the Orchid Store, was one of the first beauty spots encountered in the exhibit. Many rare specimens were shown and they were arranged most attractively.

Frank J. Reyes & Co. had a bridal bower, in which lilies of the valley, roses and carnations were most beautifully arranged, and the white satin pillow strewn with bridal blossoms.

H. Kraak's carpet beds of coleus, and E. A. Farley's similar display were considered clever features of the exhibit. It occupied the center of the show and illustrated the attractiveness of colored foliage. The columns surrounding this exhibit were all capped in great quantities of sweet peas, only the Spencer being utilized in the color scheme.

Herman Doescher's bay trees were the admiration of many, and a porch boxes added the touch of color to this exhibit that made it one of the prettiest.

Steckler Seed Co. had a group of hardy plants and vines, and other flowers, and M. Wichers, of Gretna, had some fascinating specimens of the day blooming cereus.

F. X. Becker had a beautiful bed of geraniums that would spur the most apathetic to a desire to grow them. Abele Bros.' porch boxes inspired one likewise with a desire to have every window festooned with a small hanging garden. Max Scheink had a beautiful exhibit.

E. A. Farley gave away 3,000 ferns, free of charge during the show.

C. R. P.

Memorial Day Price List

May 30, 1915.

Effective May 24, 1915. Each

Good Pink and White Carnations.....$0.05
Fancy Pink and White Carnations..... .06

ROSES—

Pink Killarney, White Killarney, Killarney Queen, Red Richmond, Red Milady,	Short, 12 to 14 in. long..	.04
	Medium, 16 to 18 in. long.	.06
	Long, 20 to 22 in. long...	.08
	Fancy, 24 to 30 in. long..	.10
	Special, 30 to 48 in., long	.12

American Beauty Roses, long.....$3.00 per doz.
American Beauty Roses, fancy..... 4.00 per doz.
American Beauty Roses, special, 6 ft. long..... 5.00 per doz.
Florists' Dbl. Sweet Alyssum....$0.25 per bunch
Asparagus Sprengeri, green..... .25 per bunch
Asparagus Plumosus, green..... .25 per bunch

Terms: Cash or C. O. D.

W. E. Trimble Greenhouse Co.
PRINCETON, ILL.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

Cape Jasmine Buds

(Grandiflora)

The prettiest and most fragrant o flowers. Will begin shipping buds about May 20 to 25, and will last til June 10 to 15.

Memorial Day Orders should be in by May 20. Special attention given to Weddings, Entertainments and Commencement orders.

Prices f. o. b. Alvin:

Medium Stem, $8.50 per 1000
Medium Stem, 1.00 per 100
Long Stem, - 13.00 per 1000
Long Stem, - 1.50 per 100

Will ship c. o. d. to responsible parties. We solicit your orders, which shall have our prompt attention.

T. W. CARLTON,

ALVIN, TEXAS.

USE Budlong's Blue Ribbon Valley.

Mention the American Florist when writing

New Crop Wild Smilax

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

GREENWICH, CONN.—MacMillen & Co. have erected two houses 15x50 feet, planted principally to bulbous and bedding stocks. Mead & Son have opened a retail store on Main street in connection with their greenhouses.

CANAL DOVER, O.—Mothers' day business this year showed a great increase over 1914; in fact, it was quite as good as Easter, is the report of C. Betscher. There were many calls for plants, and the supply was not equal to the demand.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

	Current Price List.	Per doz.
Roses, Beauty, specials		$4 00
" " 36-in.		3 50
" " 30-in.		3 00
" " 24 in.		2 50
" " 20-in.		2 00
" " 15-in.		1 50
" " 12-in.		75@1 00
" Mrs. Chas. Russell		1 00@ 2 50
		Per 100
" Killarney Brilliant		2 00@10 00
" Killarney		2 00@10 00
" White Killarney		2 00@10 00
" Richmond		2 00@10 00
" Prince de Bulgarie		2 00@10 00
" Rhea Reid		2 00@10 00
" My Maryland		2 00@10 00
" Mrs. Geo. Shawyer		2 00@10 00
" Milady		2 00@10 00
" Sunburst		2 00@10 00
" Mrs. Aaron Ward		2 00@10 00
" Hadley		2 00@10 00
" Ophelia		2 00@10 00
" Our selection		3 00
Carnations		1 00@ 3 00
Cattleyas	per doz., 4 00 to 6 00	
Gardenias	per doz., 3 00@ 4 00	
Gladioli		4 00@ 8 00
Lilium Harrisii		10 00@12 50
Peonies		4 00@ 8 00
Snapdragons	per doz., 50@2 00	
Spanish Iris		4 00@ 8 00
Sweet Peas		75@ 1 50
Tulips		3 00@ 4 00
Valley		3 00@ 4 00
Adiantum Croweanum		1 00@ 1 50
Ferns	3 00@4 00	
Galax "	1 00@1 25	
Leucothoe		75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00	
Plumosus Strings	each, 60@ 75	
Smilax	per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays		3 00@ 4 00
Boxwood, 25c per lb.		

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

162 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

Mention the American Florist when writing

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

George Reinberg

Wholesale Florist

Extra fancy **American Beauty, Richmond, Killarney** and **White Killarney** roses. All orders given prompt attention. **Try us.**

162 N. Wabash Av., CHICAGO

EXTRA FINE FANCY FERNS, 1000, $2.50
DAGGER FERNS, Extra Long, 1000, 2.00

This is the time of the year when you need good Ferns. We have them and you will find them the best you ever bought.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

MOTHERS' DAY BRINGS BIG DEMAND.

The business of the week was about normal, but wound up with a rush with the demand for Mothers' day. There may have been some attempt to turn the public from the white carnation, but if so, it had no apparent effect, as the call was for white carnations, for which the business was larger than ever, particularly from the out-of-town trade. To meet these orders taxed the wholesale men to the limit, as instanced by the purchase of more than one house at $100 a thousand for select stock. When the price soars to this figure for out-of-town orders, one gets an idea of the demand. There was also a larger local call, some florists buying two and three thousand at from $6 to $8 and higher, depending on the quality, and as far as one could judge, the date of picking. How long white carnations can be kept after being cut and yet remain salable, is a question that might be answered by the growers and the commission men. All colored sorts will fade and indicate their probable age, but the whites in their purity, look good today and bad tomorrow and there is no comeback. New York was drawn on largely by the dealers who took a chance; personal visits and spot cash did the business, and several of the venturesome cleaned up quite a little in this way. Prices of other colored carnations remained normal, $3 to $4 buying the highest grade of the other colors. The stocks of roses and all other flowers were not advanced in price, there being no extra movement in anything else but the white carnation. There was no concerted movement of the trade to boost the day or call attention to the beautiful idea and suggest the use of flowers in connection with it. Enterprise of this kind is certainly lacking with the retail trade of this city. Even individually, very little effort in window decoration was made, at least in the center of the city. There is a splendid opportunity here if the trade would only wake up to the fact and nurse it along.

NOTES.

The department stores are handling large quantities of plants at very low prices. Lit Brothers were selling rose plants in 5-inch to 5½-inch pots at 19 cents—Hybrids, ramblers, Soupperts, Hermosa, etc., all in bud. They were brought into the flower department in a truck, which was unloaded by the women customers who grabbed one in each hand. They are said to cost the firm $10 a hundred. With 2 cents off for the pot the grower will hardly go to the convention with the profits of this deal.

Spanish Iris and Darwin tulips were among the novelties with the Berger Brothers. Choice lily of the valley and Maryland roses were also a feature. There was also a large stock of white carnations for Mothers' day.

Henry A. Dreer, Inc., is having the annual spring rush. To give an idea of its magnitude, a force of 60 men do nothing but select orders, which then go to the packers, who prepare them for shipment.

Wholesale Flower Markets

BOSTON, May 12.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	3 00@ 4 00
" select	4 00@ 6 00

BUFFALO, May 12.	
Roses, Beauty, special, doz.	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	2 00@ 3 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns per 1000,	2 50
Smilax	15 00

CINCINNATI, May12.	
Roses, Beauty, per doz.	$1 00@$3 00
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	4 00@ 8 00
Asparagus Plumosus, per bch., 25c	
Carnations	2 00@ 3 00
Orchids, per doz.	3 00
Sweet Peas	25@ 50
Rubrum Lilies	2 00@ 6 00

ST. LOUIS, May 12.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	2 00@ 4 00
Orchids	35 00@50 00
Violets	25@ 40
Asparagus Sprengeri, per bu.,	25@50
Asparagus Plumosus, per bu.,	25@60
Harrisii	6 00
Sweet Peas	25@ 50
Callas	6 00@ 8 00
Ferns per 1000,	2 75
Leucothoe per 100,	60
Galax per 1000	1 25

Ed. Reid was the "white carnation king." He had them to burn, a sale of 1,000 being a mere baggatele. He was kept busy handing them out to other dealers and had plenty for his own trade.

The Robert Craig Co. are very busy with spring bedding plants, their stock of dracænas, crotons and pandanus, together with soft wooded plants, is very large and in splendid condition.

The Leo Niessen Co. were right in it with their large stock of white carnations. Other colors also sold well. American Beauty roses are a feature here, the stock being immense.

The bedding plant season is now on with a rush. Geraniums in flower are very scarce and this situation will continue until Memorial day.

The M. Rice Co. are busy with Memorial day wreaths, crepe, roses, carnations and other artificial flowers.

Patrick Welch
Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.
American Beauties, Orchids, Valley, Carnations.
All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL
"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

For Decoration Day

PREPARED MAGNOLIA LEAVES.

Best quality. Green, Brown or Red. About 1000 leaves to a box. All leaves are good medium size. They are bound to please you.

1 box (or more) ..... per box, at $1.35
5 boxes (or more).....per box, at 1.30
10 boxes (or more).....per box, at 1.25

Special low price on larger lots. Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO.

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Joseph Agre has opened a flower shop at 21 South Eleventh street. It is called the Green and White Flower Shop.

George Burton is about again, looking as bright and cheerful as if surgical operations were mere incidents in the daily routine.

Charles Edgar has closed his Baltimore avenue shop. K.

Nashville, Tenn.

The beautiful sentiment expressed in Mothers' day has taken fast hold in this section. Following a resolution passed by the state legislature, the governor issued a proclamation setting aside the day for observance and the entire community seemed to enter into the spirit of the idea with a unanimity that was gratifying and surprising, and the florists reaped a rich harvest accordingly. Plants as well as cut flowers were used as remembrances.

NOTES.

The Joy Floral Company called attention to the day early in the week by arranging a beautiful window, expressive of the sentiment. Surrounded by pretty plants, as in a home scene, was a wax figure of a mother opening a fine box of cut flowers labeled, "From Joy's", of course with the legend "To Mother." Many were attracted by this window to the day who would probably never otherwise have thought of it. To stimulate trade still further they had a display advertisement five columns wide and three-quarters of a page long. The firm was rewarded by having a large demand for which they had an abundant and fine stock to select from.

Geny Bros. had a fine trade and a splendid stock of flowers to meet every demand. They have an abundance of peonies of all colors now, which are just coming on the market. Oscar Geny, the elder brother of the firm, has been, and still is, seriously ill with rheumatism of the stomach. His family and many friends have been very anxious about him.

Wholesale Flower Markets

PHILADELPHIA, May 12.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus.....per bunch.	50

PITTSBURGH, May 12.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00@ 1 50
Carnations	1 50@ 2 00
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00@ 4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Iris	4 00
Asparagus Sprengeri, per bunch,	35@40
" Sprays.....per bunch.	35@40
Snapdragon	4 00@ 6 00

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, May 12.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@ 8 00
" Ward, Sunburst	3 00@ 8 00
" Mrs. Chas. Russell	5 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	2 00@ 4 00
Lilies	8 00@10 00
Snapdragon, per bunch, 25c @ 50c	
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Tulips	2 00
Daffodils, Trumpets	2 00

The plant trade is in full blast just now and beautifully laden flower wagons are a daily sight on our streets, especially in the residential sections. Yards are begining to take on a floral aspect.

M. C. D.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, $6.95 — 300 Bulbs, $18.00; 1200 " 70.00

C. S. & CO. NEW YORK

1000 Pips, $15.00; 2500 " 35.00 — $7.95 Case of 500 Pips

LILY OF THE VALLEY PIPS

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

USUAL CLEAN-UP OF WHITE CARNATIONS.

Mothers' day was very generally observed and there was a lively movement in white carnations May 6-8. By Sunday morning, May 9, the market was well cleaned out of whites, though there was a surplus of the colored, and they dropped to $1 and $2 per 100. The ruling price for good white carnations was $4 to $6 per 100. In other stocks, the situation remains about the same as quoted in our last notes. There has been a shortening in the supply of some stocks, but there is enough to supply the demand. American Beauty roses, orchids, gardenias and lily of the valley are notably cheap. The street men are selling lily of the valley for $1 and $1.50 per 100, whichever price they can get. The presence in the North river of the battleship fleet promises to bring about a large number of social functions. There will be numerous dinners to the officers of the ships, but whether there will be much decorating remains to be seen. One retail florist has humorously remarked that he did not believe his customers were of the class that gave dinners.

May 10.—The market opened very quiet this morning, with an abundance of stock. In some stores considerable stock was carried over from Saturday, May 10, particularly roses and colored carnations. White carnations were cleaned up but it now appears that many of them went to out of town points.

NOTES.

Joseph Sklenka, who has greenhouses at 285 First avenue, Long Island City, has a very clever arrangement for supporting sweet peas. It consists of a succession of stout wire rings or hoops securely fastened together, but in a way that they can, when out of service, be folded up and laid away for another year. The upper tier of rings is hung on a stout pole or rod placed at the desired height. From that to the ground or bed there is a succession of rings and when the pea vines take hold there is no chance for them to get away. Mr. Sklenka is not pushing the idea, having other business, but is glad to show it to callers.

The Flatbush growers are all very busy and the carnation growers, who comprise an important section of the trade, have their young stock planted in the field. The intermittent hot weather of April did no appreciable damage to the flowering stock because there was no continued heat, nearly every excessively hot day being followed by several that were quite cool. No fault can be found with the quality or volume of stock, but the growers are not well pleased with the prevailing low prices, though there is no help for it at present. It can be definitely stated that there will be an abundant supply of white stock for Mothers' day.

At the Mrs. Charles Snyder estate, Woodside, we have noted several houses of the Ulrich Brunner roses blooming finely and several more houses coming on. A fine stock of callas was also noted. Since the death of Mrs. Snyder, which occurred several months ago, the business has been conducted by her sister, who for a numbero of years has sold the product of the range in the New York Cut Flower Exchange.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

At the Henry Hession Brooklyn range a very excellent stock of flowering carnations were noted, as well as a fine stock of young plants in the field. Preparations are also being made at this range to plant chrysanthemums. At this establishment we noted two interesting seedling carnations. One is crimson, the other of a variegated type, so rare that it may be classed as a novelty.

Dailledouze Bros., Brooklyn, have a very fine stock of carnations as well as Mignon roses, sweet peas and other stocks that they grow in minor quantities. They are now preparing to plant chrysanthemums in the beds made vacant by the removal of young carnation stock. Eugene Dailledouze states that he will not attend the San Francisco convention.

The Transfer Florist, James Soteriades, Second avenue and 86th street, has a good store and a good business. Jimmie, as he is familiarly termed, was among the first of the Greeks who embarked in the florist business in this city and he has been successful.

P. J. Smith is now well settled in the store lately vacated by Traendly & Schenck, 131 West 28th street. We are pleased to state that he has good neighbors, Walter F. Sheridan at 133 and John J. Coan of the Growers' Cut Flower Co., at 129.

J. Weinmann, who has long been well known in the wholesale district of New York, has now a nice retail store at 42 West Jackson avenue, Corona, in the management of which he is ably assisted by his wife, a trained designer.

At the range of Gerard Dryer, Elmhurst, we have noted a very fine stock of English ivy in 6-inch pots. Dracænas, Pandanus Veitchii and other stocks of good quality are also seen at this range.

Victor Dorval's Sons, Woodside, have disposed of a fine stock of tulips and narcissi, and are growing on a variety of other stock, asparagus, and several beds of marigolds being noteworthy.

A large greenhouse, with cut flower and plant departments, will be a feature of the Cosmopolitan Garden, which has been opened in the Stern building in West Twenty-third street.

Richard Vincent, Jr., White Marsh, Md., and a number of others, have arrived early to be on hand at the organization of the dahlia society.

The Columbia Florist, 2831 Broadway, which is well managed by James Vroydas, shows good arrangement and reports good business.

Miss M. Rareshide, bookkeeper for A. H. Langjhar, had two cousins on the ill-fated Lusitania. They have not been heard from.

Frank Millang, Jr., of the Coogan building, has just returned from a week's hunting and fishing at up-state points.

Philip F. Kessler of the Coogan building is handling very fine lilies, tulips and sweet peas. A. F. F.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone. Madison Sq. 5335

New York Florists' Club.

The club met in the Grand Opera House building, evening of May 10, President Bunyard in the chair. The meeting from beginning to end was replete with interesting features. Miss Anna Jarvis, of Philadelphia, Pa., the founder of Mothers' day, was present and made an eloquent and touching address with an appeal for a more general observance of the day. Miss Jarvis' talk came straight from the heart and went to the hearts of her hearers. She was given a standing vote of thanks. Max Schling and John B. Nugent spoke in support of what Miss Jarvis had said. Mr. Nugent suggested that a light pink carnation might also be worn for Mothers' day. All the speakers eulogized the mothers.

The other leading feature was the stereopticon lecture by Ernest H. Wilson, of the Arnold Arboretum, Boston, Mass., on the "Gardens and Flora of Japan." The various views showed many beautiful gardens, with foliage and flowering trees, shrubs and plants. The speaker has been an extensive traveler in the Orient, his latest trip being through Japan. He has the descriptive faculty to a marked degree. He was given a standing vote of thanks.

President Bunyard appointed the flower show committee as follows: A.

J. K. ALLEN
Established 1878
118 West 28th Street
New York
Wholesale Commission Dealer in Cut Flowers.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Consignments Solicited. Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer
Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi
Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

L. Miller, C. H. Totty, F. H. Traendly, Julius Roehrs, G. E. M. Stumpp, W. H. Duckham, Wallace Pierson.

Richard Vincent, Jr., White Marsh, Md., was present and spoke of the organization of the American Dahlia Society, and urged all to become members. He advocated a dahlia show with the co-operation of New York clubs and societies. Ex-President J. K. M. L. Farquhar, of the S. A. F., of Boston, Mass., was present and addressed the club. He complimented Mr. Vincent on his activity in the good work of horticulture.

Appropriate resolutions on the death of Mrs. John B. Nugent, Simon Rodh and John Niquet were read and adopted.

A short time ago, M. A. Bowe, president of the Retailers' Association; John B. Nugent, and Chas. H. Brown, visited the public service commissioners relating to the ban placed by the elevated, subway and surface railway lines on carrying packages of flowers in cars. The matter was brought up in the club by Mr. Nugent, and he, with A. J. Guttman and Chas. H. Brown, were appointed a committee to further confer with the public service commissioners.

There was an excellent exhibit of plants and cut flowers. A. N. Pierson, Inc., Cromwell, Conn., exhibited Canterbury bells, campanulas, primulas, in variety, some of them new, saxifraga, and euphorbias. N. Langeler, for M. Van Waveren & Sons, Hillegom, Holland, exhibited a variety of tulips. John Birnie, West Hoboken, N. J., showed geraniums and verbenas. Chas. Hunt, Richmond, S. I., displayed geraniums, fuchsias and candytuft; Chas. Schemness, Elmhurst, N. Y., featured English daisies. The light pink carnation, Baroness de Brenner, was a fine showing, by Samuel Batcheler, Mamaroneck, N. Y. P. W. Popp, also of Mamaroneck, exhibited pansies. The exhibitors received a vote of thanks. The house committee furnished a substantial lunch. A. F. F.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, May	per 100
Roses, Beauty, special	8 00@15 00
" " extra and fancy	5 00@ 6 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	1 00@ 8 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	4 00@ 6 00
" Mrs. Geo. Shawyer, special	3 00@ 6 00
" " " extra	2 00@ 3 00
" " " No. 1 & No. 2	50@ 2 00
" White Killarney, special	4 00@ 6 00
" Killarney, My Maryland	
" " special	4 00@ 5 00
" " No. 1 and No. 2	50@ 2 00
" " Queen, special	2 00@ 5 00
" " Brilliant	50@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 5 00
" Sunburst	50@ 6 00
" Taft	50@ 6 00
" Milady, special	50@ 6 00
" J. L. Mock	1 00@ 6 00
" Hadley	1 00@15 00
" Ophelia	1 00@10 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	50@ 2 00
Cattleya Orchids, special	25 00@35 00
" " inferior grades	15 00@20 00
Jonquils	1 00@ 1 50
Lilies, Longiflorum and Harrisii	3 00@ 6 00
Lily of the Valley	1 00@ 2 50
Tulips	1 00@ 1 50
Gardenias, per doz., 75c@$1.25	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus, doz. bchs.	1 50@ 2 50
Smilax, doz. strings	1 25@ 1 50
Sweet Peas, per doz. bunches	35@ .50
" " Spencer type, 100 flowers	.50@1.00

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

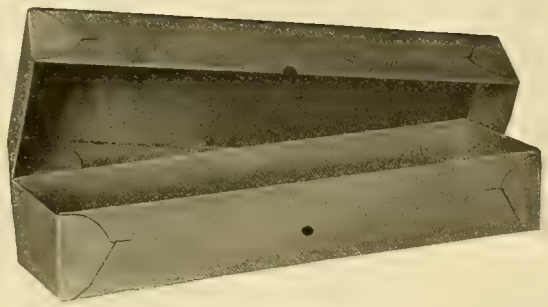
N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing.

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing.

Mention the American Florist when writing.



YOU get both quality and style in SEFTON FLOWER BOXES, at no greater cost. There's no better advertisement than a smart, distinctive package; we insure this for you with the right materials, finished in handsome, non-fading shades. Ask your paper jobber.

You ought to have our Catalog (illustrated in colors) also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street CHICAGO, ILL.

New Haven, Conn.

While it cannot be said that there is a boom in the florist business of this city, all the dealers, particularly those that grow and handle plants, seem to be reasonably busy. Considering all conditions, the cut-flower trade is as good as can be expected. The seed and nursery business are active. The majority of the growers are well stocked with bedding plants and the demand for them is increasing.

NOTES.

Howard P. Brooks, 755 Campbell avenue, West Haven, now owns the range formerly the property of the late A. J. Thompson. Mr. Brooks is a young man and is engaged in other business, but nevertheless, he is fond of horticultural pursuits and is an expert on dahlias. At present his range is not large, but is well stocked and well cared for by a competent foreman, Mr. Brooks spending his spare time in the work. He is also branching out into the seed and nursery business.

The Doolittle Floral Co. have a good store at Orange and Court streets. In addition to the usual line of cut flowers they have put in a fine stock of garden furniture. Their greenhouses on Sherman avenue, which are under the management of H. H. Kelsey, are well filled with good, clean stock. There are about 18,000 square feet in their range.

Robert P. Johnstone, 1228 Whitney avenue, has a fine stock of plants and is doing a good business. Mr. Johnstone is one of the veterans of the business in this city. Another veteran is James Bruce, 24 Kensington street. He has good stock and is doing business.

One of the boys who takes time to study human nature, says that Joe Sokol, the grower of 21 Hard street, is the live wire in the florist business of this city. Joe certainly is a hustler.

Thomas Pattison, 141 Campbell avenue, West Haven, is now fully recovered from a severe attack of pneumonia. He was taken ill March 11 and was bedfast for four weeks.

John M. Champion & Co. have a fine stock of bedding plants at their greenhouses. At their store, 1025 Chapel street, everything looks prosperous.

The genial Myers, of the Flower Shop, 936 Chapel street, is busy as usual and well pleased with the condition of business.

Cowan & Heller is a new firm that has taken the retail store at 748 Chapel street, formerly conducted by Wm. H. Long.

Charles Munro's store, 974 Chapel street, is well supplied with stock from his Townsend avenue range.

The Chapel street retailers seem to be propserous and their stores present attractive features.

At the store of the S. H. Moore Co., 1054 Chapel street, we found business very active.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.
Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

USE Budlong's Blue Ribbon Valley.

Andrew O. McCrea's store, 221 Meadow street, looks very fine, and for that matter, Mr. McCrea looks fine. He looks as though he never missed a meal or lost a night's sleep.

Morris Hertz has re-located his retail business and can now be found at 262 York street. A. F. F.

KANSAS CITY, MO.—Samuel Murray will remove from 913 Grand avenue to a more spacious, up-to-date store in the Corn Belt building, 1017 Grand avenue, nearer the shopping section.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

Southern Wild Smilax

New Crop now ready for shipment. $2.50 per case
Natural and Perpetuated Moss.

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS

Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

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25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

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For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. **CLEVELAND**

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Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

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PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. **T. J. JOHNSTON & CO.** 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. Cor. 15th & H. Sts. WASHINGTON, D. C.,

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

FLOWERS.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Addres4, DARDSFLOR.

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,
1415 Farnum St. TELEPHONES 1501 and L 1582
Members of The Florists' Telegraph Delivery.

Washington.

MOTHERS' DAY BEST YET.

Mothers' day this year surpassed any previous observance of the event in this city, and as usual a number of the florists were short of supply in carnation stock. Mothers' day has come to stay, but the question again arises, why the growers and wholesalers jump the prices for this special occasion, especially in view of the fact that you cannot get fresh stock. Many of the local retailers are trying to stimulate interest in Mothers' day among the general public, and feel that an injustice is being done, when prices soar to a point almost prohibitive.

Stock of all kinds is now plentiful and can be had at your own price. Peonies are coming in, and are a big help as they are always in demand, nothing equaling this flower for show at this time of the year. Roses and carnations are about as low as they will be this year. Gladioli in variety are plentiful, and iris is glutting the market.

NOTES.

Extra business in the way of table decorations, occasioned by the horse show last week, seemed to be pretty evenly divided among the trade.

A. and W. F. Gude are attending the duck pin bowling tournament at Boston, Mass., of which the latter is president of the organization.

Several street fakirs were arrested Sunday, May 9. A test case will be made in an endeavor to compel them to pay licence fees.

Geo. C. Shaffer is furnishing the decorations and bridal bouquets for the "Fashion Show," which is held in Keith's theater.

C. W. Corrigan is sending in fine water lilies which find ready sale.

Fred Miller, of Charlotte, N. C., is paying this city his annual visit.

Visitors: C. Meehan and W. Lake, Philadelphia, Pa.; M. Perry, Baltimore, Md.

G. C. D.

Matheson-Hunter Nuptials.

Miss A. L. Hunter, daughter of John M. and Mrs. Hunter, of Englewood, N. J., and J. J. Matheson, of Teaneck, N. J., were married at the home of the bride's parents, May 10. The Episcopal ceremony was performed. The Hunter home was handsomely decorated. The groom is a son of Donald Matheson, for over 40 years head gardener on the William Walter Phelps estate, Teaneck, N. J. The bride was handsomely remembered by a number of her family's friends and customers. The groom is purchasing agent for the Richmond, S. I. Light & R. R. Co., the Staten Island Midland Railway Co., and several other corporations.

A. F. F.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for FLOWERS. Delivered to all parts of the country. Special care, select and artistic work.

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Mention the American Florist when writing.

WASHINGTON
D. C.

Gudes'

Members Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

913 Grand Avenue

All Orders Given Prompt and Careful Attention

Member of Florists' Telegraph Delivery.

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

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761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackistone.

14th and H. Street.

JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

Mention the American Florist when writing

FREY & FREY,

1338 O Street, LINCOLN, NEB

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Telephone 2656 **Established 1880**

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Geo. M. Kellogg F. & P. Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. **Established 1849**

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

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Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist

2221-2223 W. Madison St. CHICAGO.

All orders carefully filled under the supervision of GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,

FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City.

Little Rock, Ark.

PAUL M. PALEZ,

FLORIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heinl)

336 Superior St,, Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries DULUTH, MINN. to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF **HEINL'S**

New York.

MYER, FLORIST, 609-611 Madison Ave

Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Memphis, Tenn.

The Flower Shop The Leading Florists

69 MADISON AVENUE

KANSAS CITY, MISSOURI.

Rock's Flowers

Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice

Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE

"Some Florist"

16 N. 6th St., Ft. Smith, Ark

Mention the American Florist when writing

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

Trade Directory

PRICE: $3.00, Postpaid.

American Florist Company

440 S. Dearborn St., CHICAGO

DENTON FLORAL CO., DENTON, TEX.

S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

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1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON

TORONTO, CANADA

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

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Funeral Emblems Cut Flowers

Brown Bros. & Co.,

Ltd.

FLORISTS, NURSERYMEN AND SEEDSMEN

Bulbs Seeds

48 Hastings St., E.,

Vancouver, B. C.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery.

Imported Bulbs

French
Japanese
Dutch

AS WELL AS

Bermuda and California Stocks

Bought and Inspected by Our Own Representative.

Offered by us at Rates and Terms to meet any competition.

25 years' record here in the U. S., in the importation of dependable stocks of forcing bulbs with stocks of several reliable growers to choose from, should entitle our offers to most favorable consideration from every American buyer.

Write for Prices.

VAUGHAN'S SEED STORE

NEW YORK CHICAGO

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

FLOWER seeds are reported sold out close.

J. C. VAUGHAN, Chicago, left for the east this week.

SAN JOSE, ILL.—A new seed house is being erected here by W. G. Kelly.

VISITED CHICAGO: Theo. Cobb, representing D. M. Ferry & Co., Detroit, Mich.

CHEROKEE, OKLA.—J. W. McDonald has opened a general seed store in this city.

THE Western Seedsmen's Association has selected Omaha, Neb., for its next meeting, May 15.

A REPORT is current that late rains have caused mildew on the growing seed onions in California.

KNOXVILLE, TENN. — The Sample-Craig Co. has succeeded the Whittle Produce & Seed Company.

SIDNEY, O.—The Farmers' Grain & Milling Co. is erecting a concrete block seed warehouse, 22x64 feet.

ONION districts in Indiana suffered by a frost the night of May 4 and growers may have to resow.

NASHVILLE, TENN.—A seed department has been added to the grain and feed business of F. A. Hood & Company.

THE demand for mixed grades of gladiolus from the florist trade seems to be declining in favor of the named kinds.

CHICAGO.—Prices for grass seed on the Board of Trade May 12 were as follows: Timothy, $5.25 to $6.50 per 100 pounds.

SAN FRANCISCO, CALIF.—C. C. Morse & Co., seedsmen, have opened a temporary branch in the Nathan-Doorman Co.'s store.

PROVIDING for the registration of seed grain contracts with the register of deeds, Representative O'Neill has introduced into the Minnesota legislature H. B. 320.

ST. LOUIS, MO.—A four-story warehouse has been leased by the newly organized St. Louis Poultry Supply & Seed Company.

NORTH VERNON, IND.—The King Seed Company has been incorporated by N. M. King, J. M. King and E. E. Walker; capital, $10,000.

THE California coast has had quite a few late rains which may cause callas and other California bulbs to mature for shipment later than usual.

THE need of seed growing centers, or districts where seeds can be produced in quantity, in Colorado, has been pointed out by James D. Marshall, of the Colorado Agricultural College, Ft. Collins.

LEM BOWEN, of D. M. Ferry & Co., Detroit, Mich., who has been cruising in Hawaiian waters, is now at the Panama-Pacific exposition at San Francisco, Calif.

GREENE, N. Y.—Adolph Kruhm, formerly with W. Atlee Burpee & Co., Philadelphia, Pa., and the Livingstone Seed Co., Columbus, O., is now with the Page Seed Co. here.

MT. STERLING, KY.—The Blue Grass Seed Co., Inc., was sold at auction April 20, to satisfy court judgment. Allie Robertson, a tobacco grower, paid $10,025 for the property.

SPRINGFIELD, MO.—Free seed corn, in lots of one bushel, will be given to needy farmers in the state upon application to the Jobbers' and Manufacturers' Association of this city.

NORTHRUP, KING & Co., Minneapolis, Minn., claiming use of the word "Northland" since December 15, 1914, have registered it, in connection with a design of a wild duck, as a trade mark for their seeds.

FOURTEEN samples of Minnesota-grown clover seed recently examined by the Minnesota university farm were found to contain as high as four per cent dodder. The state law requires that all seeds containing dodder be so labeled.

PETOSKEY, MICH.—After being actively engaged in the seed trade for the past 25 years, Darling & Beahan have dissolved partnership. The business will be continued by Mr. Darling, his former partner retiring on account of poor health.

ATLANTA, GA.—H. G. Hastings & Co. has filed applications for two charters of incorporation, the object being to facilitate the handling of the retail and wholesale departments of the business. The Hastings Seed Co. will handle the retail end and the H. G. Hastings Co. will take care of the wholesale business.

FRENCH advices regarding the bulb crop and prices of April 23 are: The meeting of the "Syndicate" on May 1 for establishing prices may not reduce these as low as might be surmised, owing to the lack of competent help and subsequent difficulty of lifting the bulbs. Rather too frequent rains have not been favorable to the development of the bulbs and more particularly to the white Roman hyacinths which show some bad effects from excess humidity.

OLLIOULES, FRANCE. — Madam Paul Lemoyne writes under date of April 22, that "both members of the firm of Lemoyne Freres are engaged in war, the elder on mobilization work and the other at the front. Their foremen are also on war duty and the establishment closed, not to re-open until this dreadful war is over."

MEMPHIS, TENN.—In future, L. A. Thornton & Co. will devote their entire energies to field seeds and feed exclusively, having given up the flour line.—W. E. Rhodes has retired temporarily from the seed trade.—The seed movement in this vicinity is slow, the farmers being hard up for money, according to the Memphis Seed & Plant Co.

FRENCH WAR NOTES.—Jean de Vilmorin, one of the brothers of Philippe de Vilmorin, has been prisoner in Germany, but has been exchanged among the severely wounded and is said to be recovering in France. Lieut. Henri Louie Vilmorin, of the naval service, is now with his ship on active war duty.—Jean Denaiffe, seedsmen of Carignan, is reported as killed in battle.—E. Thiebault, seedsman of Paris, is prisoner of war.

BALTIMORE, MD.—J. Bolgiano & Son have just received information from the crimson clover section of France that the fields of that crop will be used as green fodder for war horses. In addition to the fact that the season is from two to three weeks late, this compulsory action of French growers will tend to make the supply of the new crop of crimson clover seed shorter than any previous year. This firm says its crops of selected Siberian kale, grown at the foot hills of the Blue Ridge of Maryland, is looking fine and anticipates a good harvest. The season has been a long one here, trade has been steady. They have experienced fewer heavy days than usual, which has materially helped in promptly accommodating their customers. — Griffith and Turner Co. reports business of this year compares very favorably with business of last season.—Wiseman, Downs Co. state that business has been equally as good as last year. —R. J. B.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Contracting Growers Crop 1915

PEAS, BEANS, CUCUMBER.

Strictly first-class quality.

Alfred J. Brown Seed Co.

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

ARE YOU POSTED ON

Thorburn's Seeds

OUR catalog shows the remarkable range of our stocks. If you recall that they were produced by some of the best horticultural men in the seed business you will want a copy.

Have we your name? Drop us a line now.

J. M. THORBURN & CO.

In business since 1802

53 Barclay Street, New York

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds — Baltimore, Md.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

New Price List of my celebrated Winter-flowering

ORCHID SWEET PEAS

will be out in June. If you are not on our mailing book, send your name and proposal.

ANT. C. ZVOLANEK,

Sweet Pea Ranch, Lompoc, Calif.

James Vick's Sons

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Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

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L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

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BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

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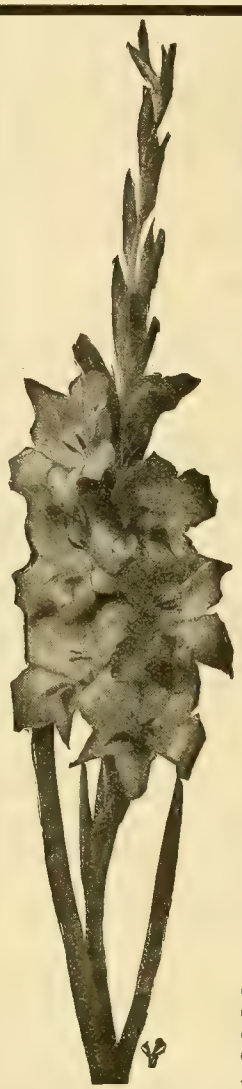

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Bulbs of our own growing—

	Per 1000
First size, above 1½-in.	$ 9.00
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These flowers sold on the Chicago wholesale market the week of April 25 at $1.50 per doz.

A General stock of all other Gladiolus.

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	No. in case	Per 100	Per 1000
Giganteum, 7-9 inch	100	$6.00	
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Giganteum, 8-10 inch	225		75.00
Giganteum, 9-10 inch	200		90.00
VALLEY PIPS (best grade for forcing)			16.00

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S. A. Nutt and 5 varieties, 2½-in. pots $3.00 per 100; 3-in. pots, ready, $4.00 per 100.

Cannas, 10 varieties, from 3 and 4 in. pots, $3.50 per 100; King Humbert, $5.00 per 100.

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BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

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2¼-inch pots........$4 per 100; $35 per 1,000
3- inch pots........$7 per 100; $65 per 1,000
4- inch pots......$12 per 100; $110 per 1,000

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4-inch pots, heavy,
60c each; $7.50 per doz.; $50 per 100
5-inch pots, heavy,
$1.00 each; $10 per doz.; $75 per 100

ADIANTUM HYBRIDUM

2¼-inch pots........$6 per 100; $50 per 1,000
3- inch pots.......$10 per 100; $90 per 1,000
4- inch pots....................$20 per 100
8- inch pots....................$12 per doz.
11- inch tubs....................$24 per doz.

DRACAENA STRICTA GRANDIS

2¼-inch pots......................$20 per 100
3- inch pots......................$35 per 100
4- inch pots......................$50 per 100
5- inch and 6-inch pots,
$9, $12, $15, $18 and $24 per doz.

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2¼-inch pots......................$20 per 100
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4- inch pots......................$50 per 100
5- inch pots............$9 and $12 per doz.
6- inch pots...........$15 and $18 per doz.

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Small plants, 4-inch pots.............$1 each

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6-inch pots.............$15 and $18 per doz.
8-inch pots.............$24 and $30 per doz.
11-inch tubs, very handsome,
$3.50, $4, $5 and $6 each

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2-inch pots......................$12 per 100
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4-inch pots......................$35 per 100
5-inch pots......................$9 per doz.
6-inch pots......................$12 per doz.

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2¼-inch pots......................$10 per 100
3- inch pots, strong plants.......$25 per 100
4- inch pots, strong plants.......$35 per 100
5- inch pots......................$9 per doz.
6- inch pots......................$12 per doz.

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2¼-inch pots......................$20 per 100
6- inch pots.........$1, $1.25 and $1.50 each

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6-inch pots, heavy........$12 and $15 per doz.

DRACAENA GLADSTONEI (Rare)

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5- inch pots......................$9 per doz.
6- inch pots.......$12, $15 and $18 per doz.

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4- inch pots......................$25 per 100

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5-inch pots......................$20 per 100

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2¼-inch pots......................$15 per 100

DRACAENA KELLERIANA

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4- inch pots......................$35 per 100
7- inch pots, made up..$18 and $24 per doz.

DRACAENA FRAGRANS

4-inch pots......................$35 per 100
6-inch pots...............$6 and $9 per doz.
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10-inch tubs................$2 and $2.50 each
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5- inch pots......................$9 per doz.
6- inch pots......................$12 per doz.

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2¼-inch pots......................$20 per 100
4- inch pots......................$6 per doz.
5- inch pots......................$9 per doz.
6- inch pots........$12, $15 and $18 per doz.

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2¼-inch pots......................$25 per 100
4- inch pots......................$50 per 100
5- inch pots......................$9 per doz.
6- inch pots......................$12 per doz.

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2½-inch pots......................$20 per 100
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5- inch pots......................$9 per doz.
6- inch pots......................$12 per doz.

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DRACAENA KNERKII

2¼-inch pots......................$20 per 100

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4-inch pots............$6 per doz.; $45 per 100
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6-inch pots......................$12 per doz.
7-inch pots...............$18 and $24 per doz.
8-inch pots...........$24, $30 and $36 per doz.

PANDANUS UTILIS

4-inch pots, strong plants..........$25 per 100
6-inch pots, strong plants.$50 and $75 per 100

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The Croton, with its highly-colored foliage, is indispensable during spring and summer. We have the largest and most complete collection of Crotons in the world, carrying at the present time for spring sales over 50,000 plants, in over 200 varieties, all of the very highest quality and brilliantly colored.

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$20 per 100; $175 per 1,000
4- inch pots, strong plants,
$30 per 100; $275 per 1,000
5- inch pots, strong plants,
$50, $75 and $100 per 100
6- inch pots, strong plants,
$12, $15, $18 and $24 per doz.
7- inch pots, strong plants,
$24, $30 and $36 per doz.
8- inch pots, made up beautiful plants,
$24, $30 and $36 per doz.
10- inch pots, made up beautiful plants,
$5, $6 and $7.50 each
12- inch and 14-inch tubs, made up
beautiful plants.........$10 and $15 each

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We offer this year an immense stock of Spring plants, all of the same high quality as other Craig specialties.

FICUS UTILIS

A species that came to us through the Botanical Gardens at Washington, D. C., which promises to be a valuable addition as a decorative house plant. The leaves are thick and leathery and are from 18 inches to 24 inches long, one-half as wide, of a rich, holly-green color, with midrib and veins of an ivory white, which stand out prominently.

6-inch pots, 24 inches tall..............$2 each
Larger plants ....$3, $4 and $5 each

FICUS PANDURATA

6-inch pots, 24 inches tall, $2 each. Large plants, $3, $4, $5 each.

	2½ & 3-in. pots Per 100	4-in. pots Per 100
Geraniums—Strong plants, 8 varieties	....	$ 8.00
Scarlet Sage—Zurich	$1.00	8.00
Verbenas—Best strain	4.00	8.00
Snapdragon—Sutton's Prize Winners	....	8.00
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Sweet Alyssum—Little Gem	4.00	....
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Lobelia—Trailing	4.00	....
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Marigold—African	....	7.00
Marigold—French Dwarf	4.00	....
Petunia—California Giant	....	7.00
Petunia—Double	....	8.00
Petunia—Rosy Morn	4.00	7.00
Petunia Star	4.00	7.00
Heliotropes		8.00
Flowering Vincas—Three colors	6.00	10.00
Coleus—Five varieties	3.50	....
Coleus—Large Leaf Seedlings	....	8.00
Coleus—Brilliancy	....	15.00
Alternanthera—Red and yellow	3.50	....
Cannas—Eight varieties assorted	....	8.00
Cannas—King Humbert	....	10.00
Cannas—Rosea Gigantea	....	12.00
Lantanas	....	8.00
Fuchsia	....	10.00
Periwinkle—Variegated, heavy	4.00	15.00
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ROSES FOR SPRING

We have an unusually large stock of extra strong pot-grown plants in both the Hybrids and Climbers which is much better than field-grown plants for forcing. Place orders early. We will reserve and ship when you want them.

Per 100
Baby Ramblers, 6-inch pots................$30
Phyllis, 6-inch pots...................... 35
Orleans, 6-inch pots 35
Sunburst, 2 years old, 6-inch pots.......... 60
Tausendschon, 6-inch pots...........$35 and 50
Tausendschon, larger specimens...........
.....................75c, $1 and $1.50 each
Juniata, specimens, 7-inch pots............
.....................75c, $1 and $1.50 each
Lady Gay, 6-inch pots......$35 and $50 per 100
Dorothy Perkins, 6-inch pots.$35 and $50 per 100
American Pillar, 6-inch pots.$35 and $50 per 100
American Pillar, larger specimens..........
.....................75c, $1.50 and $2 each

HYBRIDS AND TEA ROSES—20 Varieties

Per 100
6-inch pots $35

BOXWOOD

Per 100
12-inch, bush form........................$25
12-inch, bush form, heavy................. 30
18-inch, bush form, heavy................. 75
24-inch, bush form, heavy..........$18 per doz.
Pyramids, 3½ feet to 4 feet tall..........
.....................$3, $3.50 and $4 each
Standards, very fine................$2.50 each

NEW SCARLET VERBENA—KARL MULLER

Finest bedding verbena in existence, of the brightest scarlet color.

	Per 100	Per 1000
2½-inch pots	$5	$40
3 -inch pots	7	60

Every grower of spring plants should try this variety.

GARDENIA VEITCHII

These are very strong plants and will make grand stock for winter blooming.

2½-in. pots, heavy......$8 per 100; $75 per 1000
4 -in. pots, heavy....$20 per 100; $180 per 1000
6 -in. pots, heavy, in bud and flower.$9 per doz.
6 -in. pots, heavy, in bud...............
.....................$12, $15 and $18 per doz.

ROBERT CRAIG CO., 4900 Market St., Philadelphia, Pa.

Market Gardeners

Vegetable Growers' Association of America.

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Prices of Indoor Fruits and Vegetables.

Chicago, May 11.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 17½ cents per box; radishes, $1.00 to $1.25 per dozen bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, $1.00 per dozen.

NEW YORK, May 11.—Cauliflower, per dozen, $2.00 to $3.00; Cucumbers, 75 cents to $1.00 per dozen; mushrooms, $1.00 to $2.00 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 50 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Early Potato Acreage on Atlantic Coast.

The truck crop specialist of the United States bureau of crop estimates makes the following report upon the acreage in early potatoes along the Atlantic coast section:

The early potato crop of the Atlantic coast begins to move from Florida about the middle of March, the movement continuing until the second week in June, fully 90 per cent of the crop going to market in April and May. The crop from Beaufort and Charleston counties, South Carolina, is usually ready for market about the second week in May, and, as the acreage in these localities is moderate, the way is cleared for the heavy crop from the eastern shore and Norfolk districts of Virginia and the northeastern counties of North Carolina. There is a small movement of potatoes from Chatham county, Georgia, which begins about the first week in May, while the movement from Florida is still heavy. Northeastern North Carolina is practically a part of the Norfolk district as to the date of movement.

The growing season for the whole territory was unfavorable, although the potato crop seems to have suffered less than other crops, the growth being retarded by the exceptionally cold season to about the same extent from Florida to the eastern shore of Virginia. The crop seems to have suffered most on the south gulf coast of Florida, where the acreage was reduced by the seed rotting in the ground because of excessive rainfall and an unusually large number of cold and cloudy days. The crop in Florida suffered damage by the frost of March 22, to the extent of from 20 to 25 per cent. The potato belt of Charleston was damaged materially by the frost of April 2.

In the state of Florida the acreage in early potatoes is estimated at 16,400, a decrease of less than one per cent as compared with the preceding year. Nearly 73 per cent of the total acreage is grown upon the east coast and about 50 per cent of the total acreage is grown in St. Johns county, where acreage is about the same as last year.

The area of early potatoes in Beaufort county, South Carolina, for the year 1915, is estimated at 1,800 acres, a decrease of 10 per cent over 1914, when the acreage is estimated to have been 2,000 acres.

The area in Charleston county, South Carolina, including Meggitts, Youngs Island, St. Andrews, and Charleston, is estimated at 7,500 acres, an increase of 25 per cent over the previous year.

A very remarkable development of the early potato growing industry has occurred on the eastern shore of Virginia. The acreage in the counties of Accomac and Northampton, for 1914, is estimated at 75,000, and for 1915, at 100,000 acres, an increase of 25 per cent. The increase for the year 1915 over the census year 1909, when the acreage for the counties named was 30,679, is 226 per cent.

The Spring Tomato Crop Under Glass.

The spring tomato crop is gaining friends, not only among vegetable growers, but also among florists. Florists are a little slow in finding out the value of tomatoes under glass; however, many are falling in line and more will follow. A fine crop of tomatoes is certainly better than an indifferent one of flowers, for which no market can be found in June and July. At this time we want to remind the grower of a few cultural details of the utmost importance—moisture control, fertilizing and mulching.

It is absolutely necessary to control moisture early in the game. The plants must be compelled to develop a powerful root system and short solid growth. The soil should be rich, very rich will do no harm, if the moisture be restricted. The tomato is very quick to display moisture conditions in the foliage; if green or yellowish green, too much water is given; if of a bluish cast with a metallic lustre, they are right. If blue without the "shine" they are too dry. Sprinkling or syringing is not productive of best results. The ground should receive frequent shallow hoeing until the mulching period is at hand.

Tomatoes should receive a liberal dressing of phosphoric fertilizers, either bone meal or acid phosphate. This should be worked into the soil by hoeing, so it is there when the mulching becomes necessary. Under careful management the plants will get fruit readily at this time of the year and as soon as one or two clusters of fruit have set, it is best to apply the mulch. When the fruit is swelling, the plants will use much nourishment and towards the ripening period any dryness at the roots is likely to produce dry-rot of the fruit. A mulch of fairly fresh horse manure, put on about three inches deep, will help to feed the plants and also preserve much moisture. The roots can approach the surface under the mulch and make use of the fertilizer put there.

As a summary we would say: Start with a moderate moisture supply and increase after fruit has formed and keep a sharp eye on ample moisture towards the ripening period to avoid the dreaded rot. We have seen fine crops ruined the last moment by insufficient watering. We must realize that a full grown plant, laden with fruit, must have a great deal of water during the hot days of June and July.

MARKETMAN.

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50,000 rooted cuttings and plants from soil
Leading market sorts. Write for prices.
William Swayne, Kennett Square, Pa.

CABBAGE PLANTS

Early and late Flat Dutch All Head, Wakefield, early and late Drumhead, Danish Ball Head and other varieties 30c per 100, by Parcel Post. By Express 75c per 500; $1.00 per 1000; 10,000 and over, 85c per 1000.
Beet Plants, 75c per 500; $1.25 per 1000.
Cash with order. Send for list of varieties.
R. VINCENT, JR. & SONS CO., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.
THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price $1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
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Watch for our Trade Mark stamped on every brick of
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Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address
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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.
Progressive florists recognize the growing importance of a knowledge of landscape art.
We also offer a practical course in Floriculture, including Greenhouse Construction and Management.
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HENRY METTE, Quedlinburg, Germany.

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality
ALSO GROW LARGELY ON CONTRACT.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

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Coleus, R. C., 70c per 100; $6.00 per 1000, prepaid.

Salvias, R.C., $1.00 per 100; $8.00 per 1000, prepaid: strong 3-in., 4c.

Verbenas, strong 2¼-in., $2.50 per 100; $20.00 per 1000.

See May 1st issue.

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Nice Bushes, 15-in.	35c each

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The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

WE are in receipt of the Twenty-first annual report of the park department of New Bedford, Mass.

ABILENE, KAN.—Werff Bros., proprietors of the Abilene Nurseries, have sold their business to Miller Bros.

WAXAHACHIE, TEX. — The Waxahachie Nursery Co. has increased its capital stock from $50,000 to $92,500.

GENEVA, N. Y.—Mrs. Susan C. Smith, mother of W. and T. Smith, nurserymen of this city, died April 25, aged 98 years.

EDGEBROOK, ILL.—The Otto Wittbold Nursery report a very brisk season with the total sales to date considerably larger than last season. The demand during March was exceedingly heavy and the sales were almost double those of the same month last year.

MOBILE, ALA.—The Gulf Coast Horticultural Society at its annual meeting here, April 27-28, selected this city as permanent headquarters and set the last week in April, 1916, as the time of the next annual convention. Officers were elected as follows: Dr. O. F. E. Winberg, Silver Hill, Ala., president; L. T. Rhodes, Bay Minette, Ala., secretary and treasurer.

Early-Flowering Viburnums.

The two Viburnums which flower here first are among the most beautiful of all the plants in this genus which can be grown in New England. One is American and the other is a native of Korea. The American species, V. alnifolium, the moosewood of northern woods, is one of the species on which the flower-clusters are surrounded by a ring of large pure white sterile flowers. It has broad, thick, heart-shaped leaves and showy fruit, and in the woods the straggling branches often take root and thus form thickets which made traveling difficult. This plant has never really succeeded well in the arboretum and is difficult to cultivate, although good plants may occasionally be seen in other Massachusetts gardens. There is now a small plant in flower among the dwarf birches on the Bussey Hill Road opposite the viburnum collection. The Korean species, V. Carlesii, is rightly considered one of the handsomest plants recently introduced into American gardens. Its value is in the white, extremely fragrant flowers which are produced in rather small compact clusters and open from bright pink buds. As the flowers in a cluster do not all open at the same time the mixture of white flowers and pink buds adds greatly to the attractiveness of the inflorescence. It is a rather dwarf shrub of compact habit, with pale green leaves and has not yet produced fruit in the arboretum. There is a Japanese species, V. bitchuense, which somewhat resembles V. Carlesii, but the flowers are small and the habit of the plant is not so good. Mistaken by Japanese botanists for V. Carlesii, this plant has been propagated in Japanese nurseries and sent to the United States and Europe as V. Carlesii. In buying that plant care should be taken to secure the right species.—Arnold Arboretum Bulletin, May 6, 1915.

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Climbing American Beauty	50.00
Dorothy Perkins—Shell pink	25.00
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White Dorothy Perkins—Pure white	25.00

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Blanche Moreau—White	$35.00
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Princess Adelaide—Pink	35.00

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Gruss an Teplitz—Rich scarlet	$30.00
Mamon Cochet—Coral pink	30.00
Yellow Soupert—Yellow	27.50

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	Per 1000
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Baby Rambler (Mme. N. Lavavasseur), Crimson	27.50
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Orleans—Geranium pink	25.00
Yvonne Rabier—White	27.50

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Aldred Colomb—Crimson	$35.00
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Everything listed is of the best possible quality.

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Achillea The Pearl (White)	Division	1.00
Arundinaria Folio Variegata (Variegated Ribbon Grass)	Division	1.00
Boltonia Asteroides (White)	Division	2.00
Chrysanthemum Maximum	1 year	3.00
Dianthus Barbatus (Sweet William), strong	1 year	5.00
Fern, Hardy (Onoclea Sensibilis)	1 year	5.00
Gypsophila Paniculata	1 year	3.00
Golden Glow (Rudbeckia)	Division	1.00
Gaillardia Grandiflora (strong)	1 year	$5.00
Hibiscus Militaris	1 year	3.00
Hibiscus, Crimson Eye	1 year	3.00
Hemerocallis Flava (Tawny Day Lily)	Strong	8.00
Iris, German (Czar Peter)	Division	3.00
Iris, German L'Avenier	Division	3.00
Iris, German Pumila Hybrida Formosa	Division	3.00
Iris, German, mixed	Division	2.00
Lychnis Chalcedonica	1 yr. strong	3.00
Monarda Didyma (Fragrant Balm)	Division	2.00
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Myosotis Palustris (Forget Me Not)		$3.00
Physostegia Virginica (Hardy Snapdragon)		3.00
Platycodon	1 year	3.00
Pentstemon (Pink), Division		1.00
Rhubarb	1 year	1.00
Rhubarb	Division	3.00
Ranunculus Acris fl. pl. (Buttercup or Bachelor Button)	Division	1.00
Sedum (Stone Crop)	1 year	5.00
Spiraea Filipendula	Division	2.00
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2½ in.	**Asp. Plumosus** or **Hatcheri**	3.00	25.00
4 in.	**Asp. Plumosus** or **Hatcheri**	7.50	70 00
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2½ in.	**Centaurea,** Dusty Miller	2.25	20.0
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	Dracaena Indivisa, 4, 5, 6 in., $10.00, $20.00 and $25.00 per 100.		
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4 in.	**Fuchsias,** dbl. and sgl., 12 vars.	7.50	70.00
	Funkia, variegated clumps	5.00	45.00
2¼ in.	**Geraniums,** Nutt, Ricard, Poitevine Buchner, etc	2.25	20.00
3½ and 4 in.	**Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc	7.00	65.00
2¼ in.	**Heliotropes,** white, light and dark blue	2.75	25.00
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4 in.	**Lantanas,** 6 vars	7.00	65.00
2½ in.	**Marguerites,** white, yellow and Mrs. Saunders	2.50	22.50
	Pansy Plants, transplanted, choice varieties, in bloom	1.25	10.00
2¼ in.	**Petunias,** sgl., mixed vars	2.50	22.50
2¼ in.	**Petunias,** dbl., 12 vars., mixed	3.00	25.00
3½ in.	**Petunias,** dbl., 15 vars., mixed	6.50	60.00
	Rudbeckias, Golden Glow	3.00	25.00
2½ in.	**Salvias,** Bonfire and Splendens	2.50	22.50
3 in.	**Salvias,** Bonfire and Splendens	5.00	45.00
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Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEDDING PLANTS.

Bedding plants: Ageratums, alyssum, asparagus, begonias, cannas, centaureas, coleus, cupheas, dracænas, fuchsias, funkias, geraniums, heliotropes, lantanas, marguerites, pansy plants, petunias, rudbeckias, salvias, verbenas, Vincas. For varieties and prices see advertisement elsewhere in this issue. Alonzo J. Bryan, Washington, New Jersey.

Bedding plants: Geraniums, scarlet sage, verbenas, snapdragons, sweet alyssum, lobelia, phlox, thunbergia, cuphea ageratum, begonias, cobea scandens, moonvines, zinnias, nasturtiums, gaillardia, celosia, lupinus, torenis, calendula, marigold, petunia, heliotrope, vincas, coleus, alternantheras, cannas, lantanas, periwinkle, daisies. For prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia.

Bedding plants: Alternantheras, alyssum, ageratum, begonias, Cobæa scandens, coleus, caladiums, dusty miller, Dracæna indivisa, geraniums, rose geraniums, pansy geraniums, heliotrope, English ivy, German ivy, lobelias, marguerites, marigolds, pansies, primulas, phlox, petunias, ricinus, salvias, smilax, torenia, Vincas, verbenas, Wandering Jew. For prices see double page advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding stock: Fuchsias, alyssum, swainsona, achyranthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIAS, single tuberous begonias, separate colors, red, white, pink, yellow; one-inch diameter; fine condition. Will make beautiful pot plants for summer sales. Speak quick if you want them. Price $1 per 100, postpaid. THE TEMPLIN-CROCKETT-BRADLEY CO., Sta. A, Cleveland, O.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. J. A. Peterson & Sons, Cincinnati, Ohio.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS—PYRAMIDS, broad, heavy, uniform specimens: 2 ft., $2.25 each; 2½ ft., $2.75 ea.; 3 ft., $3.25 ea.; 4 ft., $4.50 ea.; price includes tubs, f. o. b. Dundee. BUSH SHAPE—heavy, 12-in. balled, 35c ea.; 14-in., balled, 40c ea.; 16-in., balled, 45c ea. THE D. HILL NURSERY CO., Inc., Box 404, Dundee, Illinois.

Boxwood, 12-inch, bush form, $25 per 100; 12-inch, heavy, $30; 18-inch, $75; 24-inch, $18 per doz. Pyramids, 3½ feet to 4 feet tall, $3, $3.50 and $4 each. Standards, $2.50 each. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Boxwoods, extra fine stock. Write for list and prices. Vaughan's Seed Store, Chicago and New York.

BULBS.

Bulbs, cold storage lilies: Giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

BULBS.

Begonias, single tuberous rooted, in separate colors, per doz., 40c; per 100, $2.50 Caladiums, sound bulbs with live center, 5-7-inch cir., per 100, $2; 7-9-inch cir., per 100, $3.50. A. Henderson & Co., 369 River St., Chicago.

FISHER'S PURITY FREESIA BULBS. Large stock; prices right. Place your orders now. CURRIER BULB CO., P. O. Box 102, Seabright, Calif.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000: King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc Improve, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 3-inch, large plants, King Humbert, F. Vaughan, Wallace, Kate Gray and Express, $5 per 100. Cash, please. Harry Heinl, West Toledo, Ohio.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Cannas, 10 vars., 3 and 4-in. pots, $3.50 per 100; King Humbert, $5 per 100. Jos. H. Cunningham, Delaware, Ohio.

CARNATIONS.

75,000 EXTRA FINE CARNATION CUTTINGS.

Finest in the land. Big value for your money. Buy from us and you can rest assured that you are getting the best.

	Per 100	Per 1000
Enchantress	$2.50	$18.00
White Enchantress	2.50	18.00
White Wonder	3.00	25.00

SINNER BROS.
158 N. Wabash Avenue, Chicago, Ill.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY,
MADISON, N. J.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

Chrysanthemums, rooted cuttings: Robt. Halliday, Nagoya, Yellow Bonnaffon, Dr. Enguehard, Charles Razer, T. Eaton, Early Snow, $1.25 per 100; $11 per 1,000. White and Yellow Chadwick, $2 per 100; $18 per 1,000. Mrs. Ben, Pretoria, Emile, Zenobia Diana, Yellow Baby, $2 per 100; $15 per 1,000. Cash, please. JAMES PSENICKA, Gross Point, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
PINK.		
Unaka	2.00	15.00
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

CHRYSANTHEMUM R. C.
IMMEDIATE DELIVERY.

2000 Timothy Eaton
3000 Florence Pullman
3000 Yanoma (late white)
1500 Silver Wedding
1000 Maj. Bonnaffon
1000 Higginbotham (pink)

$1.00 per 100; $10.00 per 1000.
MEMPHIS FLORAL CO., MEMPHIS, TENN.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums. The best cut flower varieties that grow. Send for a complete list, pot plants, $2 per 100; rooted cuttings, $1.25 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COLEUS.

Coleus, the best bedding kinds that grow, including Firebrand, Golden Bedder, Verschaffeltii, Trailing Queen and 10 other varieties; strong 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Coleus, Golden Bedder and 20 other good varieties from 2 to 2½-inch pots, $2 per 100; $17.50 per 1,000. 500 at 1,000 rates. Coleus Brilliancy, 3-inch, $3 per 100. Fred Sammet, Upper Sandusky, Ohio.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

Crotons, 50,000 plants in over 200 varieties. See sizes and prices elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

CYCLAMEN.

Cyclamen giganteum, 3-inch pots, $10 per 100. J. A. Peterson & Sons, Cincinnati, Ohio.

Cyclamen seedlings, transplanted, mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl, $4 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for present delivery, thrifty young plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

Dahlias for sale cheap to close out; whole field clumps; true to name. Send for list. George Popp, Jr., Fort Recovery, Ohio.

DAISIES.

Daisies, Sanders and Alexandra, strong 2½-inch, 4c; 3-inch, 6c; 4-inch, 10c. Vincas, 4-in., 10c. Pansies, $8 per 1,000 in bloom. Cash, please. T. NELSON, Morris, Ill.

DRACAENAS.

Dracænas, stricta grandis; D. amabilis, D. Craigii, D. Massangeana, D. Lord Wolseley, D. Terminalis, D. Baptistii, D. Shepherdii, D. Gladstonei, D. Godseffiana, D. indivisa, D. Sanderiana, D. Kelleriana, D. fragans, D. Guilfoylei, D. Titworthii, D. Anerleyensis, D. imperialis, D. Marguerite Story, D. Knerkii, D. Superba. For sizes and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $15; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EVERGREENS.

EVERGREEN SEEDLINGS.

Try some of these strong, well-rooted, American grown Evergreens seedlings for lining out—they are sure to please you.

	Size inch	100	1,000
Abies Balsamea (Balsam Fir)	4-8	$1.00	$5.00
Abies Concolor (Concolor Fir)	3-6	1.25	8.00
Abies Concolor (Concolor Fir)	6-12	1.65	9.00
Abies Douglassi (Douglas Fir)	3-6	1.00	4.00
Abies Douglassi (Douglas Fir)	4-8	1.25	5.00
Larix Europea (European Larch)	12-18	1.00	4.50
Picea Alba (White Spruce)	4-8	1.50	8.00
Picea Canadensis (Black Hill Spruce)	3-6	1.50	7.00
Picea Englemanni (Engleman Spruce)	3-4	1.50	4.00
Picea Englemanni (Engleman Spruce)	3-6	2.00	8.00
Picea Excelsa (Norway Spruce)	4-8	1.25	3.50
Picea Pungen (Colo. Blue Spruce)	4-6	1.50	5.00
Picea Orientalis (Oriental Spruce)	3-6	1.00	5.00
Pinus Austriaca (Austrian Pine)	6-10	1.25	5.00
Pinus Banksiana (Jack Pine)	3-6	1.00	2.50
Pinus Banksiana (Jack Pine)	6-12	1.25	5.00
Pinus Flexilis (Limber Pine)	4-8	1.00	4.00
Pinus Mugho (Dwarf Mt. Pine)	4-6	1.00	4.50
Pinus Ponderosa (Bull Pine)	3-6	1.00	3.00
Pinus Ponderosa (Bull Pine)	6-12	1.50	6.00
Pinus Resinosa (Norway Pine)	3-5	1.00	5.50
Pinus Strobus (White Pine)	2-5	1.00	4.00
Pinus Strobus (White Pine)	4-8	1.25	5.00
Pinus Sylvestris (Scotch Pine)	3-6	1.00	3.00
Pinus Sylvestris (Scotch Pine)	6-12	1.25	4.00
Pinus Sylvestris (Scotch Pine)	10-20	1.50	5.00
Thuya Occidentalis (Am. Arbor Vitae)	3-6	1.00	7.00
Thuya Orientalis (Chinese Arbor Vitae)	2-5	1.00	4.50

Terms—net, cash with order, or satisfactory references.
50 at 100 rates; 500 at 1,000 rates.
THE D. HILL NURSERY CO., INC.,
EVERGREEN SPECIALISTS,
Box 404, Dundee, Illinois.

FERNS.

Choice Boston ferns, 2½-inch, at $4 per 100; $35 per 1,000. Whitmani, $4.50 per 100; $40 per 1,000. Roosevelt, $4.50 per 100; $40 per 1,000. Roosevelt, Jr., $7 per 100; $60 per 1,000. Cibotium Schiedei, 5-inch, 75c; 6-inch, $1. A. Henderson & Co., 369 River Street, Chicago, Ill.

Ferns, Boston, 30 inches high, $1. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus utilis, 6-in., 24 inches tall, $2 each; larger plants, $3, $4 and $5 each. Pandurata, 6-in., 24 inches, $2 each; larger plants, $3, $4 and $5 each. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-in., fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

GERANIUMS, Buchner, white, 4-inch, bud and bloom, 8c; 2½-inch, bud and bloom, 3c. All good stocky plants. Beaute Poitevine, Ricard, Viaud, 2½-inch, 3c. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, S. A. Nutt, $10 per 1000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, S. A. Nutt and 5 varieties, 2½-in., $3 per 100; 3-in., $4 per 100. Jos. H. Cunningham, Delaware, O.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12½ each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLUS.

GLADIOLI.

	Per 100	Per 1,000
America, first size	$1.40	$12.00
America, blooming size	.85	8.00
Augusta, first size	1.60	14.00
Augusta, blooming size	.85	8.00
Francis King, blooming size	.85	8.00
Princeps, first size	1.60	14.00
Panama, first size	4.50	40.00

A. HENDERSON & CO.,
369 River Street, Chicago.

Gladiolus, Mrs. Francis King, 1st size, above 1½-in., $9 per 1,000; regular blooming size, nearly 1½-in., $7 per 1,000. Vaughan's Seed Store, Chicago and New York.

Gladiolus Independence. First size round bulbs, $9 per 1,000 delivered. See any good grower's list for description. W. A. Wilkinson, 10879 Prospect Ave., Morgan Park, Chicago.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild slimax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

IVIES.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

English Ivy, 4-in., 2 to 4 leads, $8 per 100. Cash, please. Harry Heinl, West Toledo, O.

JASMINES.

Cape jasmine buds, medium stems, $1 per 100; $8.50 per 1,000; long stems, $1.50 per 100; $13 per 1,000. T. W. Carlton, Alvin, Texas.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert. Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

LILY OF THE VALLEY.

From Storage.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Lily of the valley for June weddings, special from cold storage, $13 per 1,000; $7 for 500; $4 for 250; $32 per case of 2,500. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

	Per 100
Nierembergia, out of 4-in., 2-yr.-old	$8.00
Nierembergia, out of 3-in., 2-yr.-old	6.00
Hardy English ivy, out of 4-in., 3, 4 and 5 plants, 5 ft. long	8.00
Hardy English ivy, out of 3-in., 3 plants to a pot	4.50
Variegated English ivy, 2-2½-in. pots	4.00
Ampelopsis Veitchii, strong, out of 3-in.	4.50
Lobelia, blue, out of 2½-in.	3.00
French marigolds, 3-in.	3.00
Parlor ivy, out of 3-in	3.00
Cuphea, out of 3-in.	3.00
Mme. Salleroi, 2½-in.	3.00
Tradescantia, brown and green, 2½-in.	2.50
Single petunias, 3-in.	3.00
Clematis paniculata, out of 2½ and 3-in., 2-yr.-old	4.00
Clematis seedlings, 2-yr.-old	1.00

S. V. Smith, 3323 Goodman St., Philadelphia.

Water Hyacinths, $3.50 per 100; $30 per 1,000. POMONA NURSERIES, Dade City, Fla.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30	1.50
6-inch pots,	6 to 7,	32 to 34	2.00
7-inch pots,	6 to 7,	40 to 42	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44	4.00
8-inch tubs,	6 to 7,	45 to 48	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20	$ 0.35
6-inch pots,	5 to 6,	28 to 30	1.00
8-inch tubs,	6 to 7,	46 to 48	3.50
8-inch tubs,	6 to 7,	50 to 54	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7.	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38	2.50
7-inch tubs, 4 plants in a tub,	38 to 40	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	3.50
8-inch tubs, 3 plants in a tub,	48 to 54	5.00
8-inch tubs, 4 plants in a tub,	52 to 56	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PALMS.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Balmoreana. McHutchison & Co., 17 Murray St., New York.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c; 6-in., $1.25 to $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 4-in., $6 per doz.; $45 per 100; 5-in., $9 per doz.; 6-in., $12 per doz.; 7-in., $18 and $24 per doz.; 8-in., $24, $30 and $36 per doz. Pandanus utilis, 4-in., $25 per 100; 6-in., $50 and $75 per 100. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

PANSIES.

PANSY PLANTS—Mammoth varieties, all shades and colors imaginable. Strong plants in bloom, delivered to you, all charges prepaid, Doz., 25c; 100, $1.75; 1,000, $15. Plant catalog free. GLICK SEED AND PLANT FARM, Smoketown, Pa.

Pansy plants, best strain, giant fall transplanted, in bud and bloom; just nice size plants, $12 per 1,000; any quantity same rate. Cash, please. Taylor's Truck Gardens, 217 Judson St., Elmira, N. Y.

Pansies, field-grown in bud and bloom, $1.25 per 100; $10 per 1,000; extra large plants, $15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PEONIES.

Peonies, 3 to 5 eye roots, Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

Primula Veris, 2¼-in., in bloom, $2.50 per 100; Shasta daisy, 2¼-in., $2.50 per 100; Coreopsis, 2¼-in., $2.50 per 100; Phlox, 2½-in., $4 per 100; Aquilegia, California hybrids, $3 per 100; Delphinium, Chinese, $2.50 per 100; Delphinium Bella Donna, Gold Medal, $3 per 100; Pinks, $3 per 100; Napoleon III, Carnation, $4 per 100; Lychnis Chalcedonica, $3 per 100; Oriental Poppy, hybrids and red, in pots, $3 per 100. Hollyhocks, separate colors, double, and hollyhocks, mixed single, $2 per 100; Digitalis, strong, August sown plants, $1.50 per 100; Sweet Williams, clumps, $4 per 100; Shasta daisies, Tritomas, Campanulas, Baby Breath, Pentstemon, Asters, strong August sown plants, $1.50 per 100; Anthemis Daisy, clumps, $4 per 100; Coreopsis, clumps, $4 per 100; Phlox, clumps, $4 per 100. Cash please. ERNEST ROBER, Wilmette, Ill.

Perennials—Achillea Millefolium and The Pearl; Arundinaria folio variegata; Boltonia asteroides; chrysanthemum maximum; Dianthus barbatus; fern, hardy; Gypsophilla paniculata, golden glow; Gaillardia grandiflora; Hibiscus militaris, crimson eye; Hemerocallis flava; iris, German, L'Avener, Pumila hybrida formosa, mixed; Lycnis chalcedonica; Monarda didyma, fistulosa; myosotis palustris; Physostegra Virginica; platycodon; pentstemon; rhubarb; Ranunculus acris fl. pl.; sedum; Spirea filipendula; Tanacetum; Yucca filamentosa. For prices see advertisement elsewhere in this issne. Otto Wittbold Nursery, Edgebrook, Chicago, Ill.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small	$4.00 per 100
1-year, medium	6.00 per 100
1-year, strong	8.00 per 100
1-year, extra strong	10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery. ERNEST ROBER, WILMETTE, ILL.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RESURRECTION PLANTS.

MEXICAN RESURRECTION PLANTS, large, 100 prepaid for $2; 1,000, $15. Also in handsome cartons making unequaled florists' souvenir.

CACTI, 3 to 5 inches high, good bloomers, quick sellers, 100 for $6. LESTER CO., Box 55, Mesilla Park, N. M.

ROSES.

ROSES from 2½-inch pots.

Grown to plant—not to sell. Surplus over our own planting requirements. Not rooted cuttings, but well established plants from 2½-inch pots.

RAMBLERS & CLIMBERS

	Per 1,000
American Pillar—Pink, clear white eye, yellow stamens, single flower	$30.00
Baltimore Belle—Blush white	25.00
Crimson Rambler	25.00
Climbing American Beauty	50.00
Dorothy Perkins—Shell pink	25.00
Excelsa—Red Dorothy Perkins	30.00
Philadelphia—Red	25.00
Queen of the Prairies—Rosy red	25.00
Sodonia—Bright red	30.00
Tausendschon (Thousand Beauties)	25.00
Trier—Creamy white	25.00
Veilchenblau—Violet blue	25.00
White Dorothy Perkins—Pure white	25.00

DWARF POLYANTHA OR BABY ROSES

Anny Muller—Cerise pink	$30.00
Baby Rambler (Mme. N. Lavavasseur), Crimson	27.50
Jessie—Clear glowing red	27.50
Orleans—Geranium pink	25.00
Yvonne Rabier—White	27.50

MOSS ROSES

Blanche Moreau—White	$35.00
Crimson Globe—Crimson	35.00
Princess Adelaide—Pink	35.00

TEAS AND HYBRID TEAS

Gruss an Teplitz—Rich scarlet	30.00
Mamon Cochet—Coral pink	30.00
Yellow Soupert—Yellow	27.50

HYBRID PERPETUALS

Aldred Colomb—Crimson	$35.00
Anne do Diesbach—Pink	35.00
Conrad F. Meyer—(hybrid Rugosa white)	35.00
Coquette des Alps—Blush white	35.00
Coquette des Blanches—Creamy white	35.00
General Washington—Deep red	35.00
J. B. Clark—Deep scarlet	40.00
John Hopper—Rosy pink	35.00
Marchioness of Lorne—red	35.00
M. P. Wilder—Crimson	35.00
Mme. Georges Bruant — Hybrid rugosa white	35.00
Mme. Gabriel Luizet—Silvery pink	35.00
Mme. Plantier—White	30.00
Mrs. R. G. S. Crawford—Pink	35.00
Oakmont—Peach pink, free flowering	35.00
Prince Camille de Rohan—Deep maroon	35.00

JACKSON & PERKINS COMPANY
NEWARK, NEW YORK

GRAFTED PLANTS.

Choice young stock in large 2½-inch pots ready to shift into 4-inch or plant direct in the benches and all grafted on selected English manetti:

OPHELIA, per 100	$12.00
WHITE KILLARNEY, per 100	10.00
PINK KILLARNEY, per 100	10.00
RICHMOND, per 100	10.00
BULGARIA, per 100	9.00

BENCH PLANTS.

We are now replanting and can offer good two-year-old stock fresh dug every few days, Beauties, Pink and White Killarney and Bulgaria at $5 per 100 in lots of not less than 100, any one variety. The Bulgaria makes the best outdoor rose of any greenhouse variety. All plants shipped from Hinsdale.

BASSETT & WASHBURN.

131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

FORCING ROSES.

Grafted strong 3-inch.

	Per 100	Per 1,000
Hoosier Beauty	$35.00	$300.00
Russell	15.00	125.00
Sunburst	12.00	100.00
Ophelia	15.00	130.00
Hadley	15.00	120.00
Milady	12.00	110.00
Mrs. Geo. Shawyer	12.00	110.00
Aaron Ward	12.00	110.00
Killarney	12.00	110.00
White Killarney	12.00	110.00
Killarney Brilliant	12.00	110.00
Richmond	12.00	110.00
Sunburst, own root	9.00	85.00

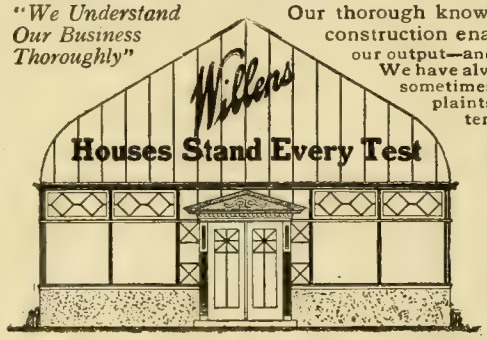
VAUGHAN'S SEED STORE.
CHICAGO, NEW YORK.

Richmond, White Killarney, Pink Killarney, Radiance, A-1 stock, 2¼-in., $35 per 1,000. L. B. CODDINGTON, Murray Hill, N. J.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

Save 10% to 20% on Greenhouses

"We Understand Our Business Thoroughly"



Our thorough knowledge of the finer points in greenhouse construction enables us to save that much on the cost of our output—and we are giving you the benefit of this saving. We have always given 100 cents value for every dollar—sometimes more. As we have never yet had any complaints, we lose nothing by guaranteeing our material against defects.

Willens Personal Service

Every bit of the work is personally directed by one of the Willens'. If we do the erecting, one of the Willens' personally supervises the work. Careful attention is paid to the minutest details, each of which is conducive to longer life and better greenhouse service. If you have never tried us or are dissatisfied in your past dealings with others, begin now to benefit by our service and material. Write us today.

What They Say:

Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,
L. Buckendorf,
Norfolk, Neb.

Willens Construction Co.

1529 S. Spaulding Avenue LONG DISTANCE TELEPHONES: HARRISON 7073 — LAWNDALE 757 **Chicago, Illinois**

ROSES.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson, The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Sunburst, 2-inch	5.00	40.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	8.00	75.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO

Roses for spring: Baby Rambler, 6-in., $30 per 100. Phyllis, 6-in., $35. Sunburst, 2-year, 6-in., $60. Orleans, 6-in., $35. Tausendschon, 6-in., $35 and $50; larger specimens, 75c to $1.50 each. Juniata, 7-in., 75c to $1.50 each. Lady Gay, 6-in., $35 to $50 per 100. Dorothy Perkins, 6-in., $35 to $50 per 100. American Pillar, 6-in., $35 to $50 per 100; larger specimens, 75c to $2 each. Hybrids and teas; 20 varieties, 6-in., $35 per 100. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Roses, 2½-inch plants: White Killarney, Pink Killarney, Mrs. Aaron Ward, Maryland, Sunburst, $4 per 100; $35 per 1,000. 3½-inch plants: Mrs. Aaron Ward, Sunburst, $6 per 100; $50 per 1,000. Richmond, 2½-in., $3 per 100; $25 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Roses, cut flower roses; fine stock from 2¼-inch pots ready now: Sunburst, $40 per 1,000. Prince Charles de Arenberg, $40. Lady Alice Stanley, $40. Ophelia, $50. Francis Scott Key, $50. The Good & Reese Co., Springfield, O.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

Salvias, Bonfire and Splendens, fine stock, 2¼-inch, 2½c. Cash with order. Gus Schlegel, Olney, Ill.

Salvias, four best bedding kinds, 2-inch pot plants, $2 per 100. Cash. Joseph Bancroft & Son, Cedar Falls, Iowa.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

SEEDS.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

VEGETABLE PLANTS, all varieties delivered to you prepaid. Cabbage, Lettuce, Beet, 100, 30c; 1,000, $1.25; 10,000, $10. Cauliflower, S. Potato, 100, 30c; 400, $1; 1,000, $2.25; 5,000, $10. Celery, Pepper, Tomato, Egg Plant, Asters, Pansies, etc. Catalogue. GLICK SEED AND PLANT FARM, Smoketown, Pa.

TOMATO PLANTS, transplanted stocky plants, Chalk's Early Jewel, Bonny Best, Atlantic Prize, Earliana and Stone at 50c per 100; $4.50 per 1,000; in lots of 5,000 or more, at $4 per 1,000. Cash with order. West Hill Greenhouses, Wm. Schwan & Son, Fredonia, N. Y.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready now, $2 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

VERBENAS.

Verbenas, mammoth, good 2¼-inch plants, 2c. Cash with order. Gus Schlegel, Olney, Ill.

VINCAS.

Extra strong 3-inch Vinca Vines; this week only; fine stock at $4.75 per 100, or $45 per 1,000. Cash with order. John Bauscher, 104 Chicago St., Freeport, Ill.

Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heinl, West Toledo, O.

VINCA VARIEGATA, extra strong fall rooted cuttings, 60c per 100; $5 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 4-in. pots, $10 and $12.50 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Vincas, Var., 4-inch, good plants, $10, seconds, $8 per 100; 5-inch, extra, $16 per 100. Cash with order. George Bischoff, Ann Arbor, Mich.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca var., 4-in. pots, $10 per 100. Jos. H. Cunningham, Delaware, O.

VIOLETS.

VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

TOBACCO STEMS, full strength, prompt shipment. Address, LEON S. BOUCHER CIGAR CO., Joplin, Mo.

Liquid—NICO-FUME—Paper, for thrips, aphis, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

PRINTING.

500 Letterheads (ruled or plain) and 500 Envelopes, only $2. Printing for Florists a specialty. Satisfaction guaranteed. GLENN H. SNOW, Camden, New York.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

ACTUAL RESULTS--NOT PROMISES

Kroeschell Replaces Two Cast Iron Boilers.

The Marysville Floral Co., of Marysville, O., installed a No. 4 Kroeschell Boiler in 1905. Previous to this time they used cast iron boilers. The following letter speaks for itself:

"Has the Kroeschell given entire satisfaction? Yes! We had two cast iron boilers, but yours proved by far the best. Your boiler has already outlasted the two cast iron boilers by five years, and all the expense that we have been put to was a smoke dome."

(Signed) MARYSVILLE FLORAL CO.

July 21, 1913, Marysville, O.

Get the Kroeschell First

Several years ago Mr. Ponting corresponded with us in regard to the Kroeschell Hot Water Boiler, but was persuaded to install two sectional cast iron boilers which were claimed to be superior to the Kroeschell.

In the meantime we placed a number of Kroeschell Boilers in the immediate vicinity of Mr. Ponting, and he could not help but notice their great efficiency, and last year, while at the convention, he placed his order for his first Kroeschell. The following letter speaks for itself:

"We like the Kroeschell Boiler very much. It gives entire satisfaction, and it is so easy to fire. I will trade you the two cast iron sectional boilers for another like the Kroeschell I have."

July 16, 1913, Cleveland, Ohio. (Signed) FRED PONTING.

Kroeschell Replaces Three Cast Iron Boilers.

We do not have to fire our boiler as often as our brother florists who are using different makes. The Kroeschell has replaced three cast iron sectional boilers, and it certainly has given entire satisfaction.

It only takes a few words to express the good quality of your boilers and they are as follows: "Of all firms handling boilers and advertising them truthfully, the party buying a boiler would have to get the Kroeschell, as you are certainly advertising nothing but the facts." (Signed) ALEXANDER A. LAUB.

July 18, 1913, New Hamburg, N. Y.

Kroeschell Replaces Cast Iron Boilers.

The range of C. Peterson & Son, at Escanaba, Mich., was formerly heated by cast iron boilers. Last season this firm installed their first Kroeschell, a No. 6, which is now heating 13,000 to 14,000 sq. ft. of glass. They state that they fire these boilers three to four times during the night in zero weather. Under date of June 28, 1913, they write as follows:

"The Kroeschell Boiler has given better satisfaction than any other boiler we have ever had. For years we have fired many different boilers, and really never could get one that we might say was entirely satisfactory—there was always something wrong—but now, since we have tried the Kroeschell, we have solved our boiler proposition. We have a (—— ——) cast iron sectional boiler here, only used two years, and we wish we could get rid of it and put in another Kroeschell in its place."

(Signed) C. PETERSON & SON, Escanaba, Mich., June 28, 1913.

Kroeschell Replaces Four Cast Iron Boilers.

Previous to 1909, Mr. Schultz, of Menominee, Mich., heated his entire plant with cast iron boilers. It had been claimed that cast iron boilers are superior to the Kroeschell. Mr. Schultz is now heating 18,000 sq. ft. of glass with the Kroeschell which was installed in 1909, and they are required to fire same only twice a night. The following letter speaks for itself:

"We do not have the least trouble to maintain about 60 degrees in the coldest weather. Your Kroeschell Boiler is the best I ever had. Before I heard about your boiler I had four cast iron boilers, and I would not part with the Kroeschell for a hundred cast iron boilers now." (Signed) CHARLES SCHULTZ.

July 21, 1913, Menominee, Mich.

Kroeschell Bros. Co., Buy Direct—Factory to user prices. **452 W. Erie St., Chicago, Ill.**

Stamford, Conn.

George L. Waterbury is the pioneer florist of Stamford. The place which he sold a few years ago to the Stamford hospital, was the site on which his father, now deceased, started in the florist business in 1860. Mr. Waterbury bought another block of land near the hospital, erected new greenhouses, and now has a very neat and well stocked range.

The greenhouses, formerly connected with what was called the Fernwood Nursery, are now under the management of H. Carlson and are known as the Palmer Greenhouses, the ownership having reverted to L. M. Palmer, of New York. Aside from the greenhouses there is a fine nursery and estate where Mr. Palmer makes his summer home.

The business formerly known as M. A. Free is now conducted as the M. A. Free Company by the Free sisters. Their greenhouses on Richmond Hill are stocked with a fine lot of geraniums and other bedding plants and they have a nice store in Atlantic street.

The Stamford Seed & Nursery Co. is now under the management of G. B. Cannon, well known in the trade. They have a good store and seem to be busy.

R. Warrington, who gave up the florist business for a time, started again about five years ago. He has a small but neat and well kept range at 1 Green street.

A. F. F.

SEDALIA, MO.—C. A. Claeson, florist and grower for the State Fair Floral Company, in which capacity he has been employed since that company first started its greenhouses in this city, has resigned. Mr. Claeson has not yet formulated future plans.

RESERVOIR VASES

For Cemeteries, Parks and Lawns

MADE OF CAST IRON

The reservoir supplies the plants with moisture by capillary attraction.

Not necessary to water plants oftener than once in ten days.

We make nearly 100 styles, ranging in price from $6.00 to $100.00 each.

None better made. Send for catalogue.

Walbridge & Company

The Original Patentees and Makers

Buffalo, N. Y.

Mention the American Florist when writing

GREENHOUSE LUMBER

1866–1914

"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.
SQUARE RED CEDAR POSTS.

LOCKLAND LUMBER CO., Lockland, O.

Mention the American Florist when writing

Satisfactory Greenhouses

Our construction is approved throughout. We do not expect our customers to try out any new ideas which are likely to disappear again from the market in a few years. Our 25 years' experience in the greenhouse construction line is at your disposal, if you wish to build a convenient, efficient and lasting house at a moderate cost.

Ickes-Braun Mill Co.

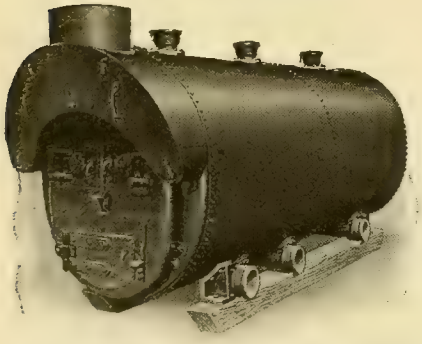
2340 Wabansia Avenue, (near Western and North Avenues) Chicago

GREENHOUSE MATERIAL GREENHOUSE HARDWARE HOT BED SASH

"SUPERIOR"

INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS

846-848 W. Superior Street

CHICAGO

Mention the American Florist when writing

Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

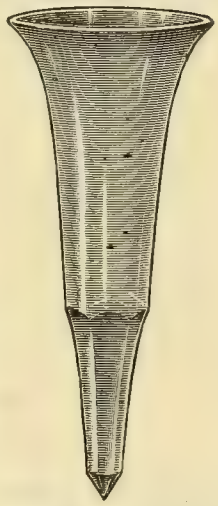
Lot No.

XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½, 100 running ft. ..... $ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft. 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas. 27.00
XJ-45—Standard Hot Bed Sash, 1⅜-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied in glass, 12 or more, each..... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll ..... $1.90 to 1.13
XJ-48—First-class second-hand Heating Boilers in any desired size. Very lowest prices.

HARRIS BROTHERS COMPANY, Owners

Chicago House Wrecking Co.,

35th and Iron Sts., Chicago



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth
Can be supplied in green or white
Doz., $2.50; barrel of 3 doz., $6.00,
f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO: 31-33 W. Randolph St.,

NEW YORK 43 Barclay St

Now is the Time

To Subscribe to the

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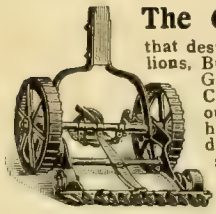

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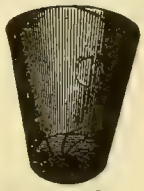

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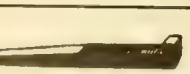

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CHRYSANTHEMUM SOCIETY OF AMERICA.

Annual convention and exhibition at Cleveland, O., November 10-14, 1915. WM. KLEINHEINZ, Ogontz, Pa., President; C. W. JOHNSON, Morgan Park, Chicago, Secretary.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June 12-13, 1915, at Boston, Mass. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

Memorial Day Preparations

The Observation of the Day.

The last floral day of the yearly season for the florist is Memorial day, May 30, and to the retailer this means a much larger amount of labor for the same return than on any other floral holiday, for where much of the trade at Christmas and Easter is in plants and cut flowers, a large proportion of the sales at Memorial day are for flowers arranged in designs and bouquets. To the grower, Memorial day is one of the best of the year for there is not only a demand for all that can be produced and at a good price, but the expense of growing is comparatively small in comparison to that of other large flower days, for the coal bill is almost at the lowest figure and the labor expended in wrapping is almost nothing. Yet both the grower and retailer must be fully prepared to meet this great demand, which will necessitate not only a large supply of flowers but also a great quantity of supplies and accessories for which there is always a large sale.

While the selection of one day in the year which was to be observed in memory of the dead by decorating their graves with flowers originated with those who desired to commemorate the deeds of the soldiers who gave their lives in the great civil war fifty years ago, yet it has been adopted by the general public, and in many places the cemeteries are covered with flowers by the relatives and friends of those who have departed. Memorial day, notwithstanding its general observance, is regarded as the day of the Grand Army of the Republic and last year was more extensively observed than ever before in many sections of the nation, and without question this will be increased this year.

It has often been remarked that the observance of the day is much more general in some sections of the country than in others, especially in New England, where the demand for everything in flowers is almost impossible to fill, notwithstanding the large supply. This may be perhaps somewhat accounted for by the intense feeling throughout that section before and during the war which has been handed down by fable and anecdote and the official observance of the day by state and municipalities which set aside the day by proclamation, making it a legal holiday and appropriating money to assist the Grand Army of the Republic in holding processions, having orations, and in decorating the graves. In some cities and towns a large proportion of the populace attend the services which are held at the cemetery and everybody decorates their family burial lot and the graves of their relatives.

At the Cemetery.

The Alburger greenhouses, conducted by Mrs. Alburger, on Ridge avenue, opposite the south Laurel Hill cemetery gate, Philadelphia, Pa., have a live wire in their manager, Charles Fliegel, who knows this particular branch of the business to perfection, catering to the every whim of the cemetery lot owner, holding the old trade and looking out for the new, and winning it with the best of stock and up to date methods. Sometime ago the business was seriously threatened by a decree of the cemetery company that all the planting and care of the lots would, after a certain date, be forbidden to outsiders and attended to by the company alone. Mr. Fliegel at once, in a counter move, with other interested members of the craft, woke up the lot holders, who took the matter to court, where the evidence presented was such that while no decision has been given, the order was not enforced, nor does it appear likely to be. In speaking of their system for caring for Memorial day business, Mr. Fliegel described his methods.

All their spring work has to be finished by May 29 and only the decoration of the graves is done on Memorial day, and that very early in the morning. There are not many set or arranged pieces used for this work, the call being mostly for sprays or small bouquets for vases. The sprays are nearly all of peonies, the great flower

for memorial. The clusters run from one to three dozen flowers, which can be quickly gotten together and generally gave satisfaction.

The vase is an important feature of many cemetery lots. After years of experience Mr. Fliegel has found no center like Dracæna indivisa. It stands all kinds of weather and is always larger at the finish. Next to the center he plants crotons, geraniums, ageratums, petunias, California giant, cuphea and Pilea muscosa. Always put three or four of the latter in as they give a touch of lightness, as asparagus to a bunch of flowers. Hardy ivies, vincas, nasturtiums, thunbergias, ivy geraniums, lobelias and parlor ivy are the vine or border plants for the edge. The cemetery vases and hanging baskets are watered once every day, except in very wet weather, this added care being counted on in the care of the lot for the year. The start to fill the vases and beds is made about May 16-20, risking coleus and crotons after the latter date, although it is rather bleak in some locations for these tender plants, but as time is short some chances must be taken.

For geraniums, Nutt is preferred; it is undoubtedly the most satisfactory red. Coleus is used as a border, Golden Bedder for a large bed and alternantheras for the small ones. Wm. Pfister and John Pfister are very good dwarf coleus for small beds. The acalyphas are also very good vase and bedding plants, working in nicely with crotons. All the fancy beds are made of crotons, favoring the old tried sorts, Andreanum, Fasciotus, Queen Victoria and Baroness Rothschild, the borders of these beds being coleus. For extra large beds acalyphas for the outside row, with alternantheras as the border are effective.

As a grave covering the small leaved ivy is used, planting this along the edge of the grave in the sod at the base of the mound, beginning at the head and training the vines from both sides up over the mound, pinning the branches down to the soil, where they take root. Large quantities are grown in 2½-inch pots, two to three plants to a pot, with about 12 inch vines to a plant for this purpose.

The rose list is confined to a few, planting Grus an Teplitz, the Killarneys, white and pink, Hermosa, Magna Charta and the old reliable Jacque. Very little shrubbery is used as it soon gets too large and is ornamental but a short time in the spring.

Quite a few flowers are sold to visitors on Memorial day who desire to lay them on the grave, but the orders for most of this work are given with the care of the lot and these commissions finished the night before, as they must be in position very early on the morning of Memorial day.

K.

GIRARDVILLE, PA.—Wallace G. Payne has added an automobile to his delivery service.

PORTLAND, ORE.—Flower growers are arranging final details for the 1915 rose festival, June 9-11.

PACIFIC BEACH, CALIF.—At least 100 persons, members of the San Diego Floral Association and friends, were guests of Miss Kate Sessions at Soledad Terrace, April 20, and inspected the range where she is making a specialty of growing cut flowers and shrubs for the local market.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Special Sales.

The season is now here, when flowers or plants can be bought at very low prices in quantity lots. The amount or the number of the plants purchased need not be so large as to stagger the timid man. Try out your commission man or grower. He will meet you half way with offers that will very likely surprise you. Daffodils are good for a special; offer them for 50 cents a dozen. Fifteen dollars a thousand will get all the stock required. A card to all customers offering these flowers at that price for a week, together with a generous display, will be sure to produce results. Carnations will soon flood the markets and the commission men, if you are running special sales, will offer exceptional bargains in good stock, if a fair sized block is taken, as they are always ready to encourage an active man, particularly when the market is full.

The retailer, who is a bit doubtful about the results and the effect on his regular business, must not lose heart if his efforts do not meet with instant success. Anything that will stir things up and create new business is worth trying and experience will be gained with each effort that will give confidence, and when the business does come, it opens up a line that can be expanded to almost any degree.

Try the dollar box idea—it is worked profitably by many live men. Make it a "Saturday Special"—a great flower bargain, if ordered by the month or season. If a trade for these can be worked up so that a quantity go out together, the stock to fill them can be bought at prices considerably below the normal.

Sales of blooming and foliage plants can be made very inviting, and also a source of profit. Buy a block of one or two hundred Primula obconica or malacoides, and the price will be considerably shaded. Have them set aside for a week or two to get full of flowers. A card, briefly and nicely worded, will bring your customers, and the excellence of the stock, together with the low prices, will do the rest. A grower will force in a lot of azaleas at one time to your order at quite a discount. They are always acceptable at this season, and will prove a drawing card. Now that many house plants are looking the worse for wear, a "fern special" meets with good response. A plant that usually sells for $1.00 can be bought in quantity to return a very fair profit at 75 cents. These are only a few of the things that can be handled in this way to help and encourage new business.

A store should each week have some new feature, something that has been made enough of to be sure to attract attention. A rearranging of the movable fixtures and fittings, tables, pedestals, rugs and the like, is worth while and helps, with the addition of the special stock that is being offered, to bring the success desired. In addition to the feature or special sales, the general trade of the store is greatly benefited, as staple articles, as well as larger sizes of plants offered are required, and regular prices are readily obtained. To get the customers there is half the battle, many sales being made if the stock is well displayed and the salesmen alive to their opportunities.

K.

Ornamental Bedding.

With the winter over a great field opens to the live florist in supplying the demand for the decoration of the lawn and home grounds. The desire to raise one's own flowers, to beautify the surroundings of the dwelling, is constantly present, especially where the occupant is also owner, but more particularly when everything is bursting into leaf and flower. Then is when the good resolutions are put into action, and the florist has his opportunity.

Following an interview with Robert A. Craig, of the Robert Craig Co., Philadelphia, Pa., which makes a specialty of bedding and ornamental foliage plants for the lawn and flower garden, growing them by the hundred thousand, we are able to present a

A WELL GARLANDED PILLOW.

list of the latest plants used for the purpose.

Where the bedding is at all extensive, a shady border combination of Begonias luminosa, red, and Prima Donna, pink, with a row of fuchsias at the back and a border of Double Lobelia Catherine Millard in front, a very beautiful effect is produced. These dwarf begonias of the Vernon type are very free bloomers, even in the bright sunlight and should be tried where geraniums have been used; as a change they will be found equally effective. Flowering Vincas rosea and alba, also the white with the bright red eye, make a splendid bed bordered with any of the bright leaved plants. They are in flower the entire season. Lantanas are not used nearly enough. They are very decorative with their orange red blossoms, which flower continuously until frost. They can be pinched and made into a very compact bed.

People are so wedded to the geraniums that you cannot get it out of their head—they cling to their old favorite because they do not know the beauty of many other plants. There are the snapdragons, which, with a little care, make a grand bed. They come true to color in many shades and can be pinched to make them dwarf. They bloom the entire season and are valuable for cutting. Mimulus tigrinus for a shady border is aglow with its gorgeous orange and red tints and it does wonderfully well with partial shade.

Calendulas and marigolds are very showy with their brilliant yellow and orange shades; they are profuse in their flowering and very useful for cutting. Celosias are striking plants in the blooming section, their great feather-like heads and combs of brilliant red being very noticeable. They commence blooming in the seed box. As a plant useful about a bed of cannas, or in a border, or which can be used in many places, Salvia Zurich, or scarlet sage, is indispensable. We have discarded all other varieties.

Speaking of cannas, I do not know of any plant that has shown so much improvement in recent years as the canna. The varieties that have earned their place and become standards and the recent introductions of the past few years, particularly those of the so-called orchid flowered type, are superb, producing wonderful spikes of bloom, fairly dazzling in their splendor. They are particularly effective in a long strip bordering a lawn. They grow too tall for a small, round bed, although some of the dwarf varieties are useful here.

In speaking of the blooming plants we must not forget the dahlias for the early autumn. The improvement of the dahlias, particularly in the cactus type, has been very marked in the past ten years. The standard sorts of today, all introductions of the past decade, are indeed wonderful in form and coloring and dominate the cut-flower market in their season. Space should be given to chrysanthemums, which follow and close the season—they are at their best when all else has gone just before winter's cold chill puts all nature to sleep.

The foliage section must not be forgotten. Ornamental and highly colored foliage is as beautiful in its effectiveness as flowering plants; it is attractive at all times. A heavy rain, which dashes down the glory of the geranium and other flower beds, adds but a fresh beauty and lustre to the croton, the king of all plants in its class. A bed or border of crotons is effective and highly decorative from the time the plants are set until the time for their removal inside. Dracænas are another very valuable plant for beds and borders, most varieties doing best with partial shade. A very attractive bed in front of our porch facing north was D. terminalis, with its brilliant red leaves alternated with Pandanus Veitchii. This was bordered with nephrolepis todeoides. It was beautiful from June on, and the most satisfactory bed we had ever had. A bed in the same place of Begonia rubra a year or so previous, was most satisfactory, it being constantly full of its handsome clusters of coral blossoms. It is a splendid summer flowering plant in a partially shaded situation and should be in every collection.

WREATH ON EASEL.

The best dracænas are terminalis, amabilis, stricta grandis. Titworthii, Guilfoylii, Massangeana, Pere Cheron and De Smetiana, all with splendidly colored foliage that will grow wonderfully in partial shade. D. Kelleriana, with its mottled white leaves, is very striking and colors brilliantly in September. Acalphas and Sanchezia nobilis are two very brilliant foliage plants that work well into fancy bedding. Fancy leaved caladiums are also very distinctive; they favor partial shade and in their brilliant hued leaves have a very tropical appearance.

I must not forget coleus, the robust large-leaved Brilliancy, with its gorgeous hues, captivating everyone who sees it. We can never get stock enough to have any left over for propagation. The order for plants went out in February but as yet our turn has not come, the demand everywhere being so great.

Roses of the baby rambler everblooming type are very useful along driveways or in borders. They are wonderful in their first cloud of blossoms, and if the season is favorable a continuity of bloom is assured. Triumph de Orleans, Phyllis, Erna Teschendorff, Ellen Paulson, the improved Amy Muller, Jessie and W. H. Taft, are all good sorts of pleasing color and continuity of bloom.

For permanent bedding where the whole effect of the lawn is confined to shades of green the fancy evergreens, the retinisporas, arbor vitæs, junipers, and the like are very satisfactory. They can be trimmed and keep their individuality, yet when arranged in groups, are very desirable.

Early-Flowering Honeysuckles.

Some of the early bush honeysuckles are already in flower; indeed the pale yellow fragrant flowers of two Chinese species, Lonicera Standishii and L. fragrantissima, have already fallen. These plants have long been favorites in the gardens of the middle and southern states, where they grow to a large size and form round-topped shapely bushes. In New England, however, these plants are not always perfectly hardy and it is not usual for them to flower as well as they have this spring. Other species already in flower in the shrub collection are Lonicera tangutica, with small pink flowers; L. Syringantha, var. Wolfii, with very fragrant violet-colored flowers; L. Canadensis and L. utahensis, with pale yellow flowers; the geographical forms of L. coerulea, with larger yellow flowers, and the beautiful Japanese L. gracilipes, with its drooping pink flowers. For another month, at least, different honeysuckles will be opening their flowers, and these will be followed on many species by brilliant fruits which often make these plants conspicuous in summer and autumn.—Arnold Arboretum Bulletin, May 13, 1915.

Evergreens in Europe.

Any one who has seen or studied European landscape gardening is immediately impressed with the extensive use of evergreens, which furnish the bulk of the material for the basic construction of their gardens, according to A. H. Hill, of Dundee, Ill., in speaking on the subject before the North Shore Horticultural Society, Lake Forest, Ill., January 15, 1915. The English garden is chiefly famous for its evergreens, especially yews, which are, long-lived. The yew has been known and appreciated for ages and is yet one of the most esteemed evergreen trees. The Aukerwyke yew, near Staines, England, is supposed to be upwards of 1,000 years old. The evergreen in one form or another is seen everywhere throughout Europe, and from the sixteenth century onward, their popularity has been pre-eminent.

Closely associated with Shakespeare and the historical gardens of England, at Stratford on the Avon, is Ann Hathaway's garden, a masterpiece in landscape art, standing as a lasting monument to its original designer and planter. Surrounded by an evergreen hedge and filled here and there with masses of evergreens, it is a pattern and a guide to every one aiming to have his garden a thing that will live after him and cause people to remember him.

What finer monument can a man have? Our possibilities today are far greater than those of an artist who dabbles in paints, for we are handling as our materials, real growing things whose beauty and perfection is not attained in a day, but is attained year after year and down through the ages. The green of our color scheme and background cannot fade or be washed away, but is a thing of permanency, and a delight to each succeeding generation. The trend of all phases of education today is toward permanent results, and we must keep abreast of the times.

Women's National Agric. and Hort. Ass'n.

The second annual conference of the above organization was held at the New York botanical gardens, Bronx park, Friday, May 7, under the auspices of the Horticultural Society of New York. The attendance numbered several hundred, and those present enjoyed a programme, both interesting and instructive, speakers of national reputation as authorities in floriculture and horticulture being represented in the list of lecturers.

After brief addresses of welcome by Dr. Gilman Thompson, of the New York Botanical Garden, and George I. Powell, of the Horticultural Society of New York, Mrs. Francis King, president of the association, introduced Dr. S. E. Persons of Cazenovia, N. Y., who gave a very interesting account of what the Presbyterian church in that city had done in starting a county fair free from commercialism, and based only on co-operative effort.

Taking as his topic, "Agriculture in the Rural Schools," Arthur Dean, chief of the vocational schools division, University of the state of New York, told how by teaching horticulture, and having pupils keep strict account of profit and loss, the state was bringing home and school closer together. D. G. Mellor, manager of the order, commission and food products department of the Wells-Fargo Express Co., followed and showed the excellent work being done by express companies and common carriers in finding a market for growers for their products. Along the same line Miss Louise Klein Miller, curator of school gardens, Cleveland, O., and Dr. C. D. Jarvis, bureau of education, Washington, D. C., told of excellent results obtained from children's gardens. Dr. Samuel Fels, president of the Philadelphia Vacant Lots Association, was listened to with marked interest as he told an interesting story, showing how through the 1-6-acre plots provided by the association, every dollar invested brought a return of $4, and how many of the persons who began in this small way, were able to take up growing in earnest later on.

Maurice Fuld, president of Knight & Struck Co., New York, had for his subject, "Perennials and Their Commercial Possibilities." He emphasized the fact that the selling end is one not usually understood by ama-

BEDDING IN INDIANAPOLIS PARKS, 1914.

BOARD OF DIRECTORS, CUT FLOWER EXCHANGE, NEW YORK.

Left to Right, Standing—Philip F. Kessler, Charles Beckmann, Fred Smith, John Schneider, Jasper McMullen, John Leach.
Seated—Alex S. Bums, Anton Schultheis, Wm. H. Siebrecht, Sr., Frank Millang, Victor S. Dorval, Gustave C. C. Schrader.

teurs, bringing out the fact that the seller must have an intimate knowledge of his plants, and so interest his customers in his product.

The personal experiences of a veteran rose grower, John Cook, Baltimore, Md., originator of My Maryland and Francis Scott Key, related by himself, was an unexpected pleasure, and the speaker was listened to with rapt interest.

Dwarf fruit trees for the suburbanite were strongly recommended by Frank A. Waugh, professor of horticulture and landscape gardening at Massachusetts Agricultural College, especially for one who wants quick results and little room.

William C. Deming, Georgetown, Conn., secretary of the Northern Nutgrowers' Association, had for his subject, "The Possibilities of Nutgrowing in the East," and spoke of the importance of nuts as food.

George T. Powell, New York, deprecated the fact that people without capital or experience, thought they could go "back to the land" and make a living from it.

I. W. Whitehall, Bronx park commissioner, spoke of the International Garden Club's plans, taking the place of Mrs. Charles Frederick Holmes, who was too ill to attend.

Among the exhibits by members was a beautiful collection of narcissi shown by Mrs. Peckham of the New Rochelle Garden Club. These were effectively placed in lovely green and blue bowls made by Mrs. Cornelius Poillon and aroused much admiration.

HILDA LOINES, Chairman.

Nassau County Horticultural Society.

The monthly meeting of the society was held in Pembroke hall, Glen Cove, Wednesday, May 12, with President Westlake in the chair. Messrs. Duthie, Gray and Holloway were appointed judges and the following awards were made:

For competition. Vase of out-door flowers—H. Miller, first. Three heads cauliflower—J. T. Johnstone, first. Three heads lettuce—P. Charboniard, first.

For exhibition. Vase of tulips—P. Charboniard, honorable mention. Bunch of asparagus—A. Fournier, honorable mention.

James Duthie spoke briefly of the American Dahlia Society recently organized, outlining its proposed work and urging all interested to become members.

The Darwin tulip exhibition held at the Neighborhood Association building, May 14, was a success. Competition in the classes for prizes offered by John Scheepers & Co., New York, was especially keen. Among the prize winning exhibitors were George D. Pratt (J. F. Johnstone, Gr.), George F. Baker (G. Hutton, Gr.), and J. P. Morgan (A. McGregor, Gr.). Messrs. Duthie, Holloway and Trepass acted as judges.

JAMES GLADSTONE, Cor. Sec'y.

Providence, R. I.

GOOD MEMORIAL DAY TRADE EXPECTED.

Business the past week has been quiet, but ended up with a busy Saturday. Cut flowers of all kinds have a good sale. Floral work was very good. Everyone is ready for the Memorial day business and look for a busy time. Magnolia wreaths and bouquets will be featured as usual. Geraniums are good this year and if things stay as they are now there will be no shortage for Memorial day trade. Bedding plants and all outside stock is now selling well, and the florists that have outside men working are keeping them busy all the time, some of them having more orders than they can attend to now.

NOTES.

Miss Florence Willard is keeping eight men busy all the time with outside work, and her stock of Memorial day plants is fine. Her house of salvia plants cannot be beaten anywhere. Her three new houses are nearly finished and will soon be stocked.

The Westminster Greenhouse has a fine stock of bedding plants this year that are up to their usual standard. Good business in this line as well as in the other branches of the work that they do is reported.

The street men are now on the streets more than ever selling sweet peas and short roses. H. A. T.

West Orange, N. J.

The Manda Floral Co. has recently finished a nice building near the entrance of Llewellyn Park, West Orange, and opened a first class retail store. Joseph A. Manda, well and favorably known in the trade, is the promoter of the enterprise. Llewellyn park is a beautiful residence section and there are many fine homes, among them being that of the famous inventor, Thomas A. Edison. Joseph A. Manda and wife expect to attend the S. A. F. convention.

Omaha.

BUSINESS PROSPECTS BRIGHT.

Mothers' day was better than ever, but stock was scarce in carnations and roses; any kind of flower or pot plants in bloom sold. Many orders had to be turned down. The warm April forced all the stock to summer flowers, small and soft. At present we are having cool weather and stock will be in better condition for Memorial day. Business is good and has been good since May 1, and the outlook for a big Memorial day trade is assured. Bedding plants are selling well and the florists are all doing satisfactory business.

At a well attended and very successful meeting of the Western Seedsmen's Association held in this city, the following officers were elected: H. A. Johns, Sioux City, Ia., president; Mel L. Webster, Independence, Ia., secretary; H. G. Windheim, Omaha, Neb., treasurer.

GRIPPE.

Oklahoma City.

WONDERFUL MOTHERS' DAY BUSINESS.

Mothers' day proved a wonderful day for business amongst the florists here. An unusual amount of advertising had been accorded the occasion during the week previous through the daily papers and even the ministers of some of the churches gave publication of their intention to preach sermons on Mothers' day themes at the morning services on May 9; so taking it all in all, Mothers' day was advertised in this city to an extent never in any way approached even in any previous year. We have no estimate of just how many carnations were sold for the occasion, but the supply was about adequate for the demand as ample provision had been made for a big trade. Florists about doubled their orders of previous years and retailed at a flat price of $1.50 per dozen, 15 cents each for single flowers, and cleaned out nicely by Sunday noon. A very noticeable feature was the increase in the out of town trade, hundreds of boxes were mailed or expressed to different parts of the state on the Friday previous. This annual celebration has certainly come to be a great day for florists, so far as this state is concerned.

The general lines of trade continue to be quite brisk. The bedding season is on the wane now, but so far it has been an eminently satisfactory one. Those who have handled ordinary bedding and nursery stock have had the greatest season in the history of the state; anything salable has been disposed of and at good prices. As an indication of how things are progressing in the out-door gardens, it may be mentioned that the writer has in his garden a patch of some 600 gladioli planted April 3, and which are now 18 inches high and very robust.

S. S. B.

London, Ont

The demand for white carnations for Mothers' day was far greater than the supply. Other flowers were in good crop, and sufficient to meet the local demand. From out-of-town points there came an insistent demand for carnations, however, and orders for many thousands had to be turned away. Prices were about the same as a year ago.

Local business conditions are improving. Large orders for war munitions have caused factories to work to their capacity, and the concentration camps in Western Ontario have added an impetus to the trade.

The unseasonable weather during April has shortened up the spring planting, all trees and shrubs having started into growth at least three weeks earlier than usual.

W. W. G.

Meriden, Conn.

Joseph J. Greenbacker has a range of 18,000 square feet and a considerable area of cold frames. In his houses at present, a noteworthy feature is a particularly fine stock of vincas, geraniums and other bedding plants. In his frames he has a great stock of fine tomato plants in 4-inch pots.

Blatchley's Flower Shop, 36 West Main street, which is managed by R. C. Blatchley, seems to be doing a prosperous business. They have a range of 15,000 square feet at Stillman's Corners, Waterbury road.

A. F. F.

OBITUARY.

Frederick Weir.

Frederick Weir, a member of the well-known Weir family of Brooklyn, N. Y., many of whom have been or are now in the florist business, died May 14, in the 60th year of his age. His father, the late James Weir, was a florist and the deceased was trained in the business from boyhood. For 30 years or more he was in partnership with his brother, John, who is yet active in the business and well known in New York and Brooklyn. For the past four years Frederick Weir had been with his nephew, J. Ebb Weir, who has a range at Jamesport, L. I., N. Y. Mr. Weir was a clever man and well thought of by those with whom he had business dealings. As a tribute to his popularity it may be stated that thousands of men, women and children of the Bay Ridge section of Brooklyn, where he spent many years as a grower, called him "Uncle Fred." He died in the Norwegian hospital from blood poisoning, resulting from enlargement of the glands. Mr. Weir had been suffering for some time from his ailment, and it was finally decided to have an operation performed, but when he was taken to the hospital it was found that the disease had progressed too far, and he was beyond medical or surgical aid.

He was born in Brooklyn and educated in the public schools and other institutions, and spent most of his life as a grower and resided in the Bay Ridge section. He was a member of the Royal Arcanum and had been a member of Brooklyn Lodge, B. P. O. Elks, for ten years, resigning his membership when he removed to Jamesport. He is survived by a widow and one daughter, by a brother, John Weir, and a sister, Mrs. Otto Heinigke.

A. F. F.

Edward Welch, Jr.

Edward Welch, Jr., son of Edward Welch of Welch Bros. Co., of the City Hall Flower Market, Boston, Mass., died at his home in that city May 17 of pleurisy of the heart. He had only been ill two days. He had many friends both in and out of the trade, by whom he was held in high esteem and the news of his sudden demise came as a severe shock.

BEDDING IN INDIANAPOLIS PARKS, 1914.

FAR AND NEAR.

CLAREMONT, N. H.—The Claremont Flower Shop has been opened.

MUSCATINE, IA.—Emil Kranz now has a store down town at 220 Iowa avenue.

DETROIT, MICH.—The Atlas Floral Co. has opened a shop at 7 Campus Martius.

ST. JOSEPH, MO.—The Stuppy Floral Co. has added an auto to its delivery service.

CANTON, ILL.—Geo W. Jacobs, florist, has been selected as judge in the home gardens contest.

BLOOMINGTON, ILL. — Sylvester H. Girmsly will open a flower shop in the Sweeney building.

KIRKSVILLE, MO.—G. S. Miller and W. H. Hertel have opened a greenhouse in this city.

SPRINGFIELD, MASS.—A greenhouse to cost $600 will be erected by R. C. Bath, 641 Riverside street.

ANAMOSA, IA.—A cold storage room of concrete is under construction at Bagley's Floral Place.

LUDINGTON, MICH.—E. L. Brillhart has opened an attractive flower shop in the Phelan building.

SPIRIT LAKE, IA.—An irrigation system is being installed at the plant range of H. N. Antisdel.

WINDSOR, ONT.—J. L. Hyatt is rebuilding his greenhouse. Concrete benches will be installed.

BRIDGEPORT, CONN.—The erection of a greenhouse, 39x250 feet, is contemplated by John Rick & Son.

STAMFORD, CONN. — The Stamford Seed & Nursery Co. is now under the management of G. B. Connon.

BALTIMORE, MD. — The Howard Flower Shop has been opened on North Howard street by Peter Campbell.

MCDONALD, PA.—Max B. Schreiber, florist, was thrown from his buggy May 13, and suffered a broken leg.

BOSTON, MASS.—Max Fine, Sylvia E. Fine and Jack Katz have incorporated as Fine, the Florist; capital, $5,000.

WOBURN, MASS.—A petition in bankruptcy filed by Carl Everberg, lists liabilities of $10,255.76 and assets, $1,890.14.

ROYERSFORD, PA.—I. W. Heinly, 203 Second avenue, is now operating a retail store in connetcion with his green houses.

HARTFORD, CONN.—A range of greenhouses at George and South streets to cost $15,000 will be erected by John Coombs.

DES MOINES, IA.—Crawford, the Florist, has made the Shops building very attractive with hanging baskets of flowers.

SIOUX CITY, IA.—Rocklin & Lehman had a full page Easter advertisement in the Sioux City Journal of March 31, using two colors.

OTTAWA, ONT.—Local florists report good business, orders for bedding stock keeping them busy. Spring orders are unusually heavy.

BROOKLYN, N. Y.—Klugman & Schneirow, 3917 Kings Highway, are making exterior alterations to their store to cost about $1,000.

LEXINGTON, MO.—Charles Mertz, formerly connected with the Eggleston Greenhouses, has started in business for himself in this city.

STERLING, ILL.—H. V. Henderson, formerly connected with the trade at Adrian, Mich., has taken the management of Bent's flower shop.

MINNEAPOLIS, MINN.—The Chicago Avenue Floral Co. has a permit to erect two houses at its range, Chicago avenue and Forty-third street.

FREEPORT, ILL.—Mothers' day was fittingly observed in this city, special services being held in several churches. Florists report excellent business.

ALTON, ILL.—The Alton Floral Co. is planning to add another house to its range near Godfrey. The addition will be 27x75 feet and will cost $1,000.

BATTLE CREEK, MICH.—Two flower shows, one the latter part of May, the other in June, will be given by the Battle Creek Horticultural Society.

HOUSTON, TEX.—Members of the Houston Florists' Club held its first annual picnic May 10, the guests of H. H. Kuhlman at his greenhouses.

INDEPENDENCE, KAN.—The Woman's Federation Club is planning a November flower show. Attractive prizes, including cash awards, will be given.

LOS ANGELES, CALIF.—The store at 3444 Wilshire boulevard, has been equipped as a flower shop by the Pacific Rose Co., formerly of Pasadena.

DAYTON, O.—A petition in bankruptcy, listing liabilities of $12,000 and assets, $9,977, has been filed by the Advance Floral Co., Arcade market.

CHATTANOOGA, TENN.—In honor of Union sailors, flowers will be strewn upon the Tennessee river during the Memorial day exercises here, May 23.

CONCORD, N. H.—A partnership has been formed between S. R. Baker and Charles V. Kimball, florist, formerly of Franklin, N. H., but now of this city.

AMESBURY, MASS.—Joseph J. Comley, florist, has purchased the True property. Improvements will include a large greenhouse and extensive flower beds.

SAN DIEGO, CALIF.—Mrs. A. Warendorff, wife of the New York florist of that name, was a visitor to the botanical garden at the exposition, May 10.

NEW ORLEANS, LA.—Local florists have been requested by the park commission to submit plans for the shrubbery adornment of West End Lake Shore park.

ROCHESTER, IND.—Sales of carnations for Mothers' day this year were equal to the demand a year ago, thus proving the popularity of the day, according to John H. Shelton.

ORANGE, TEX.—Henry Adams, landscape gardener for the Southern Pacific railroad, completed his work here May 13, setting out plants in the parks at the passenger station.

ARGENTA, ARK. — All flowers and plants necessary for the work of beautifying vacant lots and school grounds are being furnished to the city free of charge by J. W. Vestal & Son.

OYSTER BAY, N. Y.—The following flower shows have been announced by the Oyster Bay Horticultural Society: Spring show, June 11; dahlias, October 5-6; chrysanthemums, November 2.

SUPERIOR, WIS.—Alex C. Gardiner, who was compelled by illness to retire several months ago, has recovered and has become manager of the Superior Flower Store, 1410 Tower avenue.

HUTCHINSON, KAN.—Every inmate of the state reformatory who had a mother living sent her a carnation in a special mailing tube accompanied by an appropriate message for Mothers' day.

FREDERICKTON, N. B.—May has been ushered in with unseasonable weather—rain, hail and snow have fallen. In some parts of the province four inches of snow fell in one night. Out-door planting has hardly begun.

FT. WORTH, TEX.—This city was visited by a windstorm, April 22. One small house at the range of J. E. McAdam was badly damaged, and a small amount of glass was broken at the greenhouses of L. Cowell.

SAN FRANCISCO, CALIF.—Mrs. Myrtle Shepherd Francis, who has been engaged in plant breeding in Ventura, has been named as a member of the board of awards of floral exhibits at the Panama-Pacific exposition.

LITTLE ROCK, ARK.—John P. Logan, who has been engaged in securing exhibits, has been appointed by Governor Hays to have charge of the horticultural exhibit of Arkansas at the Panama-Pacific exposition at San Francisco.

SAN JOSE, CALIF.—A $70,000 sulphur bath-house and swimming pool, a new and enlarged cafe and a children's play ground in Alum Rock park, are among the improvements made by Lyle W. Bush, park superintendent and landscape architect during the past year.

ABILENE, TEX.—The ladies of the City Federated Clubs have decided to maintain a flower garden at the Central West Texas Fair grounds here this year. The move is done to assist the park board to carry out the plans of the city and the association to beautify the grounds.

DES MOINES, IA.—The movement for "hanging gardens" and window flower boxes for the business district of this city was given a strong impetus by the announcement of the Chamberlain Medicine Company, that the company is making plans to install 50 window boxes at the big plant at Sixth avenue and Park street.

LIMA, O.—Rolf Zetlitz, following action of the city council in vacating an alley, will put into execution plans for an addition to his range to cost $25,000 upon the ground vacated.—Feniger's Flower Shop opened its doors to the public, Thursday, May 6, at 136 Main street. Feniger's Flower Shop, Toledo, O., is under the same management.

PASADENA, CALIF.—Horticulturists of this city and others have united in declaring that the storm which damaged the tent at the Maryland in which the flower show was to have been held serves to prove the absolute need for a horticultural and convention hall for which the Pasadena Horticultural Society has been working for years.

LINCOLN, ILL.—Construction work on the new greenhouses being erected for Gullett & Sons is progressing rapidly. One of the 60 by 500 feet houses is ready for the glass and planting will be done there by May 15. Two more houses, 26½ by 415 feet, will be ready to plant in two more weeks. The iron framework for two additional houses, 60 by 500 feet, is being placed, and the buildings will be completed by July 15 and August 15.

SALT LAKE CITY, UTAH. — Mothers' day has evidently come to stay and will prove a worthy addition to the calender of flower days. The call for white carnations this year was double what it was a year ago, the supply being exhausted early in the morning, and by 10 a. m. there were no carnations of any kind at any price. Local florists did little extra advertising, but the churches made a feature of the day, helping the cause more than anything else. Pot plants sold well, pelargoniums, geraniums, azaleas and lilies being favorites, is the report of Law's Nurseries.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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FLORIST plant growers are now coming forward with delayed Easter payments.

TWO New York horticultural concerns are reported this week as investors in downtown real estate.

FROST is reported from many points in the middle west the past week, snow in Minnesota and hail in Illinois.

BAY TREES from Bruges, Belgium, are slow in coming through and some importers are discouraged with the prospects.

EDWIN LONSDALE, who is in a Los Angeles, Calif., sanitarium, makes very slow progress toward recovery, according to recent reports.

A bill of interest to florists has been presented to the state legislature of California, tending to prevent the sale of flowers and newspapers on the streets by children under 14 years of age.

EUROPEAN papers announce the death at the front of Claude Pernet Ducher, oldest son of M. Pernet Ducher, of Vennissieux, the well known French rose specialist.

JOHN S. CARTER, president of the Nicotine Mfg. Co., St. Louis, Mo., called on the Chicago trade this week and stated that his firm had booked several large Australian orders and is receiving inquiries from France. He adds that an early advance in the price of nicotine products may be expected.

American Peony Society.

The annual meeting and exhibition of the American Peony Society will be held in cooperation with the Massachusetts Horticultural Society, at Horticultural hall, Boston, Mass., June 12-13.

Gladiolus Society of Ohio.

The next annual exhibition and flower show of the Gladiolus Society of Ohio will be held in the Hollenden hotel assembly rooms, as last year, Cleveland, Ohio, August 13-14, 1915. Previous exhibitions of the society have been most gratifying and successful, and a premium list is being prepared, which, it is hoped, will be equal to any yet sent forth.

WILBUR A. CHRISTY, Sec'y-Treas.

Sweet Pea Show Postponed.

On account of the recent prolonged wet weather the exhibition of the American Sweet Pea Society, scheduled to be held at the Palace of Horticulture, Panama-Pacific exposition grounds, San Francisco, Calif., June 4, has been postponed to June 23-24. The California sweet peas are now in vigorous growth, but all the buds have dropped.

FRANK G. CUTHBERTSON,
Assistant Sec'y.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that the Conard & Jones Company, West Grove, Pa., offers for registration the canna described below. Any person objecting to the registration or to the use of the proposed name, is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date.

Raiser's description: Mrs. Alfred F. Conard x Venus. This remarkable canna produces flowers in great profusion on erect branching stalks. Color of flower a rich, glowing pink, deeper than Mrs. Alfred F. Conard, early bloomer, very free. Green foliage. Height, 3½ feet. Name—City of Portland.

JOHN YOUNG, Sec'y.

May 15, 1915.

American Rose Society.

EXECUTIVE COMMITTEE MEETING.

At the executive committee meeting of the American Rose Society held in New York May 10, the registration of the new rose, Champ Weiland, was ordered published. The description of it by Messrs. Weiland & Risch, Evanston, Ill., is as follows:

A sport of Pink Killarney, originating in our establishment at Evanston, Ill., and under deepest scrutiny for the past three seasons. Buds large and full. Color a bright, clear glistening pink, inner and reverse side of petals identical and fadeless. More free than the parent and more sweetly scented. Foliage remarkable, of a glowing reddish character prevalent from planting time to end of season. It may be said that this rose represents a distinct advance in growth and grandeur over any of its predecessors."

According to the rules adopted by the American Rose Society for registration of new roses, at the end of three (3) weeks if there is no objection received it will stand as a registered variety.

The June rose show to be held in Bronx park was a matter of discussion, and it was resolved to offer a silver medal and two bronze medals as special prizes in addition to the regular prizes offered in the schedule of the New York Horticultural Society; that is to offer these three medals as sweepstake prizes for the following:

A silver medal for the best collection of out-door grown roses.

A bronze medal for the best vase of hybrid teas out-door grown.

A bronze medal for the best vase of hybrid perpetuals out-door grown.

The matter of affiliated societies was considered and the societies that have already joined under the present arrangement are: the Syracuse Rose Society, Rev. E. M. Mills, president, with 244 members; Garden Association of Newport, R. I., Dr. Roderick Terry, president, with 100 members; the Newport Garden Club of Newport, R. I., Mrs. C. F. Hoffman, president, with 50 members; the Brooklands Rose Society of Brooklands, D. C., Mrs. Carrie Harrison, secretary, with 39 members; the Country Club of Joplin, Mo., Burt W. Lyon, president, with 72 members.

BENJAMIN HAMMOND, Sec'y.

Soil Suit.

Ten thousand dollars damages are asked in a suit filed May 15 in the circuit court by Hattibel C. Howard, doing business as the Glencoe Violet farm, Glencoe, Ill., of Fred Ebert, also of Glencoe, because of alleged deceitful and fraudulent delivery of 103 wagon loads of soil in which the plaintiff's violet crop was so inferior to the usual production as to cause an immediate loss of $4,500. She asserts the violets were pale and shorter lived than she had the reputation of growing. Fertilizing, water, extra care, and injury to the reputation of the Glencoe Violet farm brought the damage up to $10,000, it is alleged.

Buffalo Botanical Garden Director.

The vacancy caused by the death of John F. Cowell, director of the botanical garden at South park, Buffalo, N. Y., has been filled by the board of park commissioners, who have appointed H. H. Elbers, for the past 17 years superintendent of Humboldt park, Buffalo, to act as director of the garden. His promotion came without solicitation, a fitting reward for his efficiency. Humboldt park, under his supervision, has become one of the most beautiful of its class in the United States.

New York Central Gardener.

W. A. Hagenberger, who has had charge of the gardening of the New York Central railroad, east of Toledo, Ohio, has been appointed to succeed the late Carl Hirsch, of Hillsdale, Mich., who was gardener for that company for the Chicago-Toledo division. He will have his headquarters at Mentor, O.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No, 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—German, 28 years of age, with 15 years' experience, wants private or commercial place, single, good references. Address
K. 10616 Indiana Ave., Chicago, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—As foreman to take entire charge by a first class grower of cut flowers and plants. A life's experience; single; a capable supervisor of help; excellent credentials; good wages expected. Address
FLORIST, 61 W. Ontario St., Chicago.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509 care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As foreman; has unusual ability as grower of cut flowers and plants; over 30 years' experience; single; commercial or institution; excellent credentials.
FLORIST, 59 W. Ontario st., Chicago, Ill.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower, principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish, American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—Saleslady and designer for Chicago loop store. Address
Key 521, care American Florist.

For Sale—Heating plant and glass for small greenhouse. M. E. TRIMBLE, Warren, Pa.

For Sale—Greenhouse and store; established cash trade. 50x125 ft. of ground. Address
J. NELSON, 1749 Huron st.

For Sale—Glass; 250 boxes 16x18 D. S. A., $3.00 per box, f. o. b. North Milwaukee.
N. ZWEIFEL, North Milwaukee, Wis.

For Sale—Florist plant, 20,000 feet of glass; fully equipped; 20,000 growing plants in bearing; bargain. Address BOX 92,
Glen Burnie, Md.

For Sale—Greenhouses, 8000 feet under glass, ten-room house, barn and other out-buildings.
H. W. STEWART, Rhinebeck,
Dutchess Co., N. Y.

For Sale—A florist's delivery wagon in good condition; only two years old.
NICK THE FLORIST,
391 Knickerbocker Ave., Brooklyn, N. Y.

For Sale—Good as new panel top Overland delivery car. $500.00 cash. Big bargain. Write quick. Guaranteed.
Key 512, care American Florist.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale or Trade—Flower store for sale, or trade for lots or greenhouses; five living rooms in rear of this store; large barn and yard; rent, $35 a month; good location. Lots or greenhouses must be near Chicago.
Key 522, care American Florist.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Rent—From July 1st. Greenhouses—plant consisting of 10,000 square feet; hot water bar, cottage, work room sixty by twenty. Houses well stocked and in first class condition; with good retail trade. Town of 35,000. Place in city on paved street; all improvements. Reason for renting; owner retiring. Apply
GEORGE H. BOND,
New Brunswick, N. J.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober.
Key 510, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

Wanted to Rent—Greenhouse; no stock; 20 or 30 feet wide by 100 feet long; state particulars: New Jersey, New York State or Connecticut preferred. Address
Key 515, care American Florist.

WANTED

Single man thoroughly posted on nursery and greenhouse business to work under foreman. Location within 100 miles of Chicago. State experience, where last employed, and salary expected. Address
Key 520, care American Florist.

Growers Read This

Advertiser wants to buy or rent a large range of greenhouses within a reasonable shipping distance of Chicago. Don't write unless you want to talk turkey right away. Curiosity seekers need not answer. Address
Key 516, Care American Florist.

FOR SALE

A range of 25 000 square feet of glass with 3 acres of land. Modern 7-room dwelling, well furnished. Greenhouses well stocked. An established local trade. Reason for selling, ill health of the head of the firm. For terms and further particulars, call or write.

JOHN M. HUNTER & SON, Englewood, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

PRESENT DEMAND

IS FOR

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

ADVERTISE THEM NOW

The Season is Short

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

San Francisco.

PRICES HOLD FIRM.

While business cannot be said to be very good, there seems to be no great abundance of stock. As a matter of fact, quite a few articles are on the scarce list. Carnations in particular are in very limited supply at the present time and prices are being held rather firm. The only item of greenhouse stock that is abundant is roses. There are more than enough of these to go around, accounted for, no doubt, by the very large supply of outdoor stock, such as Cecile Brunner, Ulrich Brunner, Kaiserin and Druski. Cattleyas are plentiful and are all gradually absorbed, eventually. There is a very large quantity of Spanish iris coming in and this particular flower is moved with much difficulty. Gladiolus America is coming in freely and bringing $4 per 100. Most of this stock is exceptionally fine and it seems a pity to see such grand stock go begging at the price named. There are quite a few fine liliums arriving, but the prices brought the growers are far from encouraging. Sweet peas are still in limited supply, but the stock of Spencers coming in is rapidly bought up. The very inclement weather is the cause of no large cut of this popular annual. Most of the growers complain that the very severe wind storm of last week has put the cut off another month. It has also cut short the supply of other out-door annuals that appear at this season of the year, and from present indications there is going to be a shortage of out-door stock for Memorial day. While on this subject I might add that the florists of this city made little or no attempt to exploit the sale of flowers for Mothers' day. Perhaps their efforts last year met with little response, or made no appreciable increase in their sales.

NOTES.

The show that closed at the Palace of Horticulture Sunday, May 9, after three days, was a very creditable one. It was held under the auspices of the California State Floral Society and the Alameda County Floral Society in conjunction with the department of horticulture. The California Nursery Company showed a grand collection of outdoor roses of nearly 400 varieties; also a splendid exhibit of flowering shrubs. Nels Peterson, as usual, carried off first prize for carnations. There were large entries by amateurs in all the different classes. Also a very comprehensive exhibit of wild flowers of the state. The attendance was very large, as the show had been extensively advertised. The judges were Chas. H. Totty of Madison, N. J., Frank Pelicano and H. Plath of this city.

Frank G. Cuthbertson, assistant secretary of the American Sweet Pea Society, has made an inspection of the growing sections of the Spencer sweet peas and has issued notice postponing the sweet pea show, scheduled to be held in the Palace of Horticulture on June 4, until June 23-24. The recent wind storm has done a great amount of damage to sweet peas, and as there is practically no likelihood of any being in bloom, or at their best, on that date, it would seem that a postponment is the wisest course to pursue. Mr. Cuthbertson reports that sweet peas in nearly all sections are in the same fix and under those conditions does not feel that it is for the best to hold the show on the date originally fixed.

The international jury of awards for the department of horticulture are now busily engaged in their very difficult task of determining the winners at the exposition at the present time. Among the names very familiar to the trade are Sidney Clock, H. Plath and Frank Pelicano of this city, Chas. H. Totty of Madison, N. J., Peter Bisset of Washington, D. C., and Geo. C. Roeding of Fresno, Calif. All of these men have a nation-wide reputation and there is not the slightest doubt but what their decisions will meet with the approval of all.

Auditor Boyle of this city has withheld payment on bills of the MacRorie-McLaren Co. for trees and shrubs for the civic center plaza, pending investigation into charter regulations governing the purchase of the plants. The board of public works and the supervisors had ordered the bills paid. The bills, amounting to $3,720, were incurred by the city architects, whose bureau forms a department of the board of public works. According to the charter, competitive bids must be obtained by this department for work over $500.

The exhibition committee of the Pacific Coast Horticultural Society held a special meeting in the office of Dan MacRorie in the Phelan building last week and adopted a schedule for the fall show. There are to be quite a lot of extra prizes, besides the prizes offered by the Chrysanthemum Society of America. The Panama-Pacific department of horticulture are offering many cash prizes as well as gold medals. Much interest was manifested by the members present and the show no doubt will be a splendid one.

Work on the convention garden is progressing rapidly, notwithstanding the inclemency of the weather. The greater part of the space has been applied for and the workmen, of whom there are quite a number, have the ground in splendid condition. Nearly all the prominent eastern and western members of the trade have applied for space at this writing. All we need is some sunshine to finish the planting. Vice-president Dan MacRorie is giving this his personal attention.

The severe hurricane which swept this section of California last week, the worst experienced in thirteen years, worked a great deal of damage among the florists and nursery men. Nearly all the growers report the loss of large quantities of glass and outdoor stock that happened to be in flower at the time. A peculiar freak of the storm was that it omitted to visit the growers across the bay and none of them suffered any loss whatever.

The annual spring show of the Menlo Park Horticultural Society is to be held May 20. The society has been making active preparations for this show for some time and all the members are hoping for its success. The preliminary schedule for the annual fall show is now ready and is being mailed to all intending exhibitors. Judging from the valuable prizes offered, this is going to be the best show this society ever held.

Harry Bayersdorffer, of Philadelphia, is spending a few days in this city seeing the exposition, getting acquainted with some of his numerous customers and waiting for the steamer that is to carry him to Japan. He says we have the finest exposition ever and will finish his inspection on his return from Japan.

H. Plath has added a new Overland truck to his delivery service. Eric James has also added a truck to facilitate his deliveries. This does not look as though the plant growers were affected by the money stringency to any great extent, and we might add that we are glad of it.

The MacRorie-McLaren Co. have a large gang of men employed at their nurseries, planting out young stock that they recently imported from Europe. The weather has been ideal for this sort of work and the stock looks to be in the very best of condition.

The Art Floral Co. had some extensive decorations at the exposition grounds during the past week. A. O. Stein also was busily engaged on some of the state buildings. P. Orr of this store says business is exceptionally good in this section of the city.

Lester L. Morse, whose health has not been of the best lately, is spending a few weeks at Paso Robles Hot Springs. He is expected home shortly to make final arrangements for the reception of the American Seed Trade Association convention in June.

The United Flower and Supply Co. are now comfortably located with S. T. Beatie as sales manager. The Bush street store has been enlarged and renovated to take care of the large business expected next fall.

Chas. C. Navlet is in town daily, looking out for his new store in the Emporium. He reports very gratifying results since the opening of this shop in this large department store.

M. H. Ebel, of Sacramento, is in town and reports business as being very quiet in the Capitol City. Mr. Ebel is arranging for stock for Memorial day.

Pelicano, Rossi & Co.'s display of orchids in pots during the past week has drawn large crowds to this beautiful store. G. N.

Boston.

CUT FLOWER PRICES BELOW NORMAL.

During the past week the bottom seemed to drop out of the business. Every line of cut flower prices dropped far below normal. The business, wholesale and retail, was exceptionally quiet and not much can be expected until Memorial day trade commences. Carnations sold very poorly, $1 to $2 per hundred, being about the best prices. Roses also took a slump; from 50 cents per 100 to $8.00 on fancy varieties were the prices received. Sweet peas, lilies, bulbous stock, Marguerites, snapdragons and irises all felt the effects of the slump. Gladioli of the better type, such as America and Mrs. Francis King, sold very well, as did gypsophila, but these sold well only because there was a shortage in these lines. The plant trade has been very good. Hydrangeas, roses and all kinds of bedding stock sell very well.

NOTES.

W. W. Edgar & Co., of Waverley, Mass., have a fine lot of hydrangeas, spiræas and rambler rose plants, all of which are selling very well. They also have a good demand for bedding stock, of which they have a large assortment. They will have a good crop of outdoor tulips of various varieties for the Memorial day business.

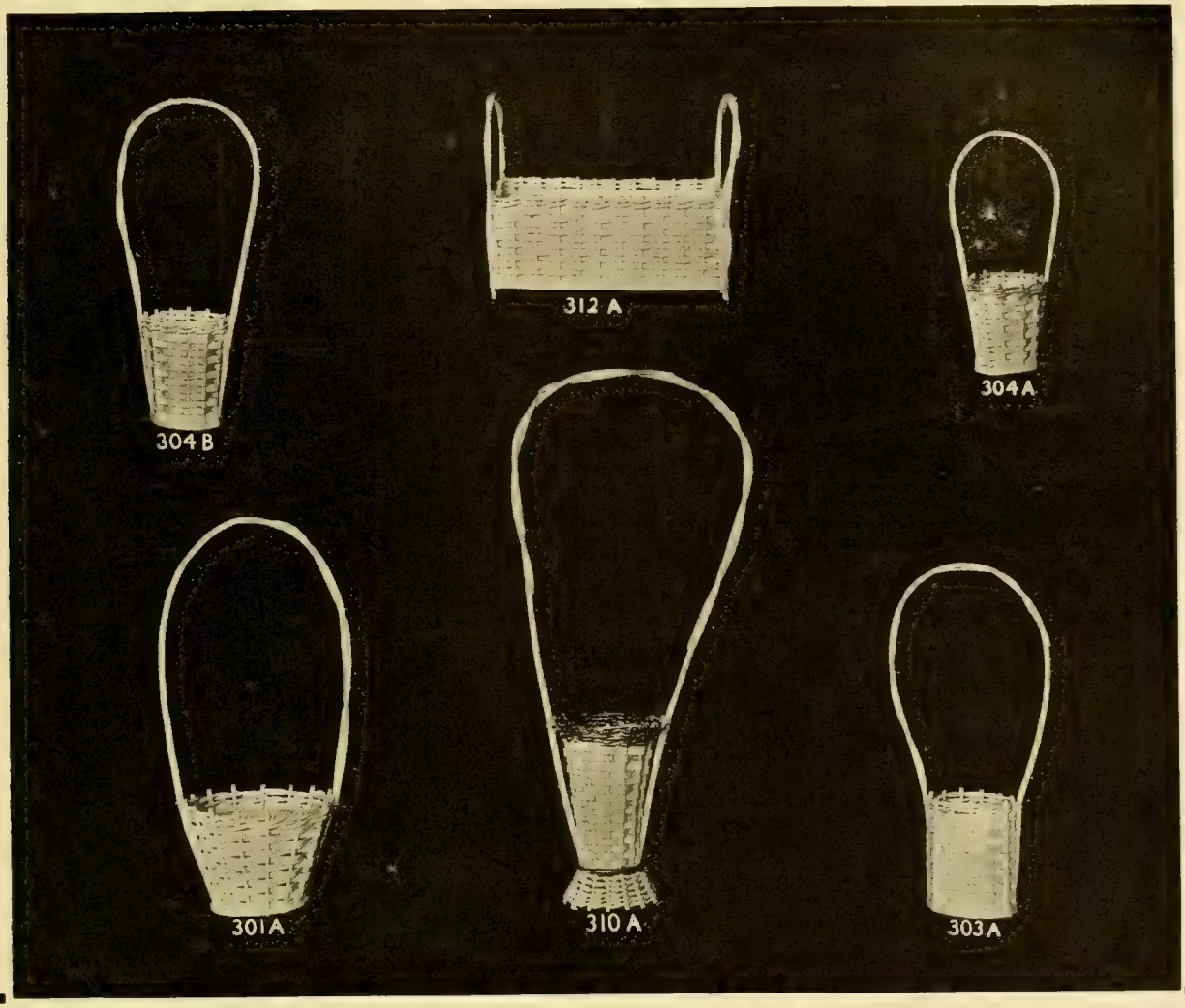
The annual flower show held at Horticultural hall Saturday and Sunday, May 15-16, was a very fine exhibition and a remarkable attendance for this show. The exhibits of vegetables seemed to attract a great amount of attention, although the beauty of the exhibition was the flowers.

A. W. Holbrow is receiving from Robt. McGorum, of Natick, Mass., a good crop of roses and the beginning of a large crop of candytuft. Mr. McGorum, by advertising, has nearly doubled his retail business and expects a record breaking Memorial day trade.

Edward Welch, Jr., son of Edward Welch, of Welch Bros., died Monday morning, May 17, of pleurisy of the heart after only two days' sickness. His death was a great shock to his many friends among the trade, all of whom held him in great esteem.

C. S. Andem, of Putman, Conn., is cutting a good crop of carnations. Matchless, Philadelphia, White Wonder and Pink Delight are his leading varieties. He also is cutting Gladiolus America, Mrs. Francis King and Pink Augusta.

S. J. Goddard of Framingham is shipping some extra fine Pink Delight, Beacon and White Perfection carnations. He has a good retail trade for his bedding stock, of which he grows a large quantity for this purpose.



BASKETS

Something New. Order a Few Today.

WE are now manufacturing Florists' Baskets and have something fine to offer at unusually low prices. Can supply any quantities so order as many as you want and let us hear from you as early as possible. What we aim to do is to avoid any unnecessary correspondence so bear this in mind when ordering for we issue no catalogue of any kind nor any other descriptive matter. The fact that we stand back of this offer should be sufficient guarantee that our proposition is right and that you will get your moneys worth if YOU BUY any of these goods. Order a sample shipment today.

PRICE LIST

Number.		Dozen
304-A	4 x4½x12 inches high with glass liners	$2.00
304-B	4½x5 x15 inches high with glass liners	3.00
304-C	5½x5 x16 inches high with glass liners	4.00
303-A	4 x5 x16 inches high with glass liners	3.00
301-A	5 x7 x18 inches high with tin liners	6.00
301-B	5 x8 x18 inches high with tin liners	6.00
301-C	5 x9 x18 inches high with tin liners	6.00
312-A	5 x5 x12 inches high with tin liners	$ .75 each
312-B	5 x5 x14 inches high with tin liners	1.00 each
310-A	8½x5½x24 inches high with glass liners	.50 each

☞For Cut Flower Advertisement see May 15 issue of The American Florist, Page 880.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, 2572, Auto. 48-734 **Chicago**

The Horticultural Club will visit the Arnold Arboretum by invitation to see the lilacs this week. The veteran tree and shrub specialist, Jackson Dawson, and E. H. Wilson will escort the party through the grounds.

Richard Kimball, of Waban, Mass., has a nice variety of novelties. At present he is shipping Gladiolus America, lupines, sweet peas and feverfews.

Leo Cartwright, of the Flower Exchange, is receiving a fine lot of Lilium longiflorum, from T. Macrae, of Providence, R. I.

W. C. Stickle, of Lexington, has a fine crop of Pink Delight carnations. He also cuts Benora, White Wonder and Beacon.

T. W. Holbrow, of Dorchester. is cutting some exceptionally fine Gladiolus America. F. L. W.

Buffalo.

OUTDOOR STOCK AT PREMIUM.

Continued cool weather and rain has not helped trade or the supply of flowers in this vicinity during the past week. Outdoor stock, which helps so much at present, has been at a premium and only a few lilac and tulips, which show the need of warm weather, have been on sale as yet. Roses are in good supply and of good quality. Carnations also are plentiful, excepting the white. The balance of May and all of June look promising for the trade. Many weddings and graduations are on the calendar. The first graduation is scheduled for June 3 and then a daily occurrence until July. At the greenhouses stock never looked more promising and orders for cemetery vases, veranda boxes and other out-door work is coming in fast.

NOTES.

Edward Fancourt of S. S. Pennock-Meehan Co., Philadelphia, Pa.; H. P. Knoble, of Knoble Bros., vice-president of the Cleveland Florists' Club; F. C. Brown, of J. M. Gasser Co.; M. A. Vinson, manager of the Cleveland flower show, the latter three returning from the affiliation meeting of ad clubs held in Rochester, N. Y., stopped off here. They, as emissaries of the Cleveland flower show, entered Anderson's greenhouses and as they passed through his house of Belgian laurels, warbled the sweet strains of Lohengrin. They were filled with "Judge Thompson." No, not what you think. Judge Thompson was one of the orators at Rochester and they had his speech almost committed to memory. The judge was from Canadaigua, N. Y., the home of great men. "Near To Governor" Mahoney, of S. A. Anderson's staff, was first seen without a "collar" in Canandaigua. As one of the attractions to the Cleveland show they have offered a silver trophy to be bowled for by the Rochester and Buffalo florists' bowling clubs, who are known far and wide for their even bowling. Both cities will have a good crowd at Cleveland.

The park commissioners in appointing a successor to the late Prof. John F. Cowell at South Park botanical garden chose Henry Elbers, who for 17 years has been superintendent at Humboldt park. His ability as a superintendent is evidenced by the beautiful park and greenhouses under his control. The best wishes of the Buffalo Florists' Club are extended to Mr. Elbers.

Main street store fronts are now attractive with box trees of all sizes. From W. J. Palmer & Sons's to Wm. Scott Co.'s you see very pretty plants and at reasonable prices.

S. A. Anderson has returned from his fishing trip. BISON.

DEKALB, ILL.—A. J. Riggs has opened a flower shop in the Bee Hive building, South Third street.

Tacoma, Wash.

UNUSUAL DEMAND FOR PLANTS.

Business is improving all along the line with better call for all florists' stock, but collections were never so hard to make. An unusual call for all kinds of bedding and other small plants has already cleaned up stocks of many sorts of smaller plants. There seems to be a spirit of "most beautiful Tacoma," and we are going to make good a promise of this becoming the most beautiful city of the west. We promise all tourists a feast of roses for the next three or four months.

Mother's day was never before observed as completely as it was this year. The call for flowers generally exceeded the supply and carnations doubled in price, for a great scarcity was general. Thousands more could have been sold, if they could have been furnished, but so many growers have put them out and filled the spaces with tomatoes that a general scarcity will no doubt prevail for several months to come and of course prices will continue on a profitable basis. All sorts of outdoor flowers are over abundant with a great lot of outside roses beginning to bloom. No doubt great quantities of flowers for Memorial day will be ready.

NOTES.

The new Public Sanitary Market lately opened on Pacific avenue has a floral booth conducted by Fred May. Saturday, May 8, the opening day, was a busy day for the three who were attending to the call for flowers of all kinds. The location is excellent and a full assortment of plants and cut flowers will be supplied to all comers. Arrangements have been made so they will be open to cater to Sunday calls.

No report of the recovery of the body of Joe Gillarduchi, son of the proprietor of "California Florists," who was drowned in the bay, has come up to present writing.

The Hayden, Watson Co. sold out practically everything in the shape of a bloom on Mothers' day, even to blooming pot plants. S. L. H.

Worcester, Mass.

The second spring exhibition of the Worcester County Horticultural Society was held in Horticultural hall, this city, May 13. An excellent display of calceolarias by H. F. A. Lange attracted much attention, and table decorations by Miss Lucy M. Couslon and Leonard C. Midgley were exceptionally good. The awards were as follows:

Cut flowers—H. F. A. Lange, first; Mrs. Percy G. Forbes, second; Hodwen Arboretum, third.

Round basket—H. F. A. Lange, first; Miss Lucy M. Coulson, second; Mrs. P. G. Forbes, third; Mrs. Wallace E. Sargent, fourth.

Hyacinths—Mrs. Herbert L. White, first.

Tulips—Mrs. H. L. White, first; Walter L. Rice, second; H. F. A. Lange, third; Mrs. W. E. Sargent, fourth.

Pansies—Mrs. H. L. White, first; William Loynd, second; Mrs. W. E. Sargent, third; L. C. Midgley, fourth.

Table decorations—Miss L. M. Coulson, first; L. C. Midgley, second; H. F. A. Lange, third; Mrs. W. E. Sargent, fourth.

Calceolarias—H. F. A. Lange, first.

Cut flowers—Walter D. Ross, first.

Wild flowers—Mrs. M. A. Maynard, first.

The demand for flowers for Mothers' day was very much greater than the demand in other years. Carnations were very popular. Co-operative advertising was done on a large scale in the daily papers, and the window decorations also helped to make the day more conspicuous in the eye of the public.

Flowering, Decorative and Vegetable Plants

BY THE THOUSAND.

Liberal Extras for Early Orders,

Size of pots.		Per 100	1000
2¼ in.	**Abutilons,** Savitzii or 8 varieties mixed	$2.25	$20.00
2¼ in.	**Ageratums,** white, light and dark blue	2.25	20.00
2¼ in.	**Alyssum,** Large Giant or Little Gem	2.00	18.00
2½ in.	**Asp. Plumosus** or **Hatcheri**	3.00	25.00
4 in.	**Asp. Plumosus** or **Hatcheri**	7.50	70.00
2½ in.	**Asp. Sprengeri,** large plants	2.50	22.50
4 in.	**Asp. Sprengeri,** large plants	6.50	60.00
3½ in.	**Begonia,** flowering, 8 lead'g vars	10.00	90.00
3 and 3½ in.	**Cannas,** King Humbert	5.00	45.00
3 and 3½ in.	**Cannas,** Brandywine, Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in.	**Centaurea,** Dusty Miller	2.25	20.0
2½ in.	**Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed	2.50	22.50
2½ in.	**Cupheas,** Cigar Plants	2.25	20.00
	Dracaena Indivisa, 4, 5, 6 in., $10.00, $20.00 and $25.00 per 100.		
2¼ in.	**Fuchsias,** dbl. and sgl. 12 vars.	2.75	25.00
4 in.	**Fuchsias,** dbl. and sgl., 12 vars.	7.50	70.00
	Funkia, variegated clumps	5.00	45.00
2¼ in.	**Geraniums,** Nutt, Ricard, Poitevine Buchner, etc.	2.25	20.00
3½ and 4 in.	**Geraniums,** Nutt, Ricard, Poitevine Buchner, etc.	7.00	65.00
2¼ in.	**Heliotropes,** white, light and dark blue	2.75	25.00
4 in.	**Heliotropes,** white, light and dark blue	7.50	70.00
4 in.	**Lantanas,** 6 vars.	7.00	65.00
2½ in.	**Marguerites,** white, yellow and Mrs. Saunders	2.50	22.50
	Pansy Plants, transplanted, choice varieties, in bloom	1.25	10.00
2¼ in.	**Petunias,** sgl. mixed vars.	2.50	22.50
2¼ in.	**Petunias,** dbl., 12 vars., mixed	3.00	25.00
3½ in.	**Petunias,** dbl., 15 vars., mixed	6.50	60.00
	Rudbeckias, Golden Glow	3.00	25.00
2½ in.	**Salvias,** Bonfire and Splendens	2.50	22.50
3 in.	**Salvias,** Bonfire and Splendens	5.00	45.00
2½ in.	**Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00
2½ in.	**Vincas,** variegated and green, fine stock	3.50	30.00
4 in.	**Vincas,** variegated and green, fine stock	7.00	65.00

Golden-leaved Privet OVALIFOLIUM aurea, Excellent for filling urns and porch boxes. From 6-in. pots, 18 to 24 in. high, very bushy, 35c each; 4-in. pot plants 15 in. high 15c each. Young plants for potting, $6.00 per 100.

Vegetable Plants by the Million.

Big Boston and Grand Rapids **Lettuce Plants** $1.50 per 100.

abbage, Early Winningstadt, Wakefield, Henderson Early, Summer etc., $2.50 per 1000.

Cauliflower Plants, Early Paris and Snowball, $5.00 per 1000.

Tomato Plants, Earliana, Jewel, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2.25 per 1000.

Pepper, Egg Plants, Sweet Potatoes, Etc.

—Correspondence solicited.—

ALONZO J. BRYAN

Wholesale Florist

WASHINGTON, - NEW JERSEY

The advertising campaign of H. F. A. Lange and Randall, the Florist, to make the flower buying public better acquainted with the Florists' Telegraph Delivery system attracted considerable attention. At Lange's, one of the show windows was converted into a temporary telegraph office, with an operator from the local office in charge. A messenger boy in uniform was also in attendance. Scattered about the floor were thousands of telegraph orders which the firm had received. Wires ran from the office back through the store, which was converted into a forest by means of everygreen trees. There was a similar display at Randall's. R.

GRAND RAPIDS, MICH.—The Kent Garden club will hold a flower show in the art gallery in the St. Cecilia building Saturday, May 22, for the purpose of helping to promote better lawns and a love of flowers. The contest will be open to the public and there will be an exhibit of garden supplies.

"Get them at Dreer's"

Roses for Outdoor Planting

Two-year-old plants, potted up into 5 and 6-inch pots during the winter months, stored in cold houses and frames and now in best possible condition to sell to your retail customers. Over 200 varieties, in Hybrid Tea, Hybrid Perpetual, Moss, Rugosa, Wichuraiana, Rambler, Baby Rambler, Pernetiana and Tea Varieties.

Hardy Perennials

The best collection of serviceable varieties in the country. Large planters, among whom we include the leading Landscape Architects throughout the country, appreciate the advantage of the **Dreer Pot Grown Plants** over the socalled Field Grown Clumps. No doubt, you are familiar with our stock, if not, give it a trial. Specialties in this line are, **The New Anchusas, Anemone Japonica, Aquilegias, Hardy Asters, Astilbes, Hardy Chrysanthemums, Delphiniums, Digitalis, Hardy Ferns, Funkias, Hardy Grasses, Double Gypsophila, Heleniums, Helianthus, Giant Hibiscus or Mallows, Iris Germanica, Iris Kaempferi, Poppies, Penstemons, Paeonies, Hardy Phlox** (over 150,000 of these in stock), **New Phlox Arendsi, Hardy Pinks, Primulas, Double and Single Pyrethrums, Salvias, Saxifraga, Scabiosa, Spiraeas, Stokesia, Trollius, Tritomas, Veronicas, Violas,** etc.

New Hybrid-Tea Rose Willowmere.

Artemisia Lactiflora.

Hardy Shrubs

All the popular varieties. **Hardy Azaleas, Andromeda, New Buddleias, Hydrangeas, Japanese Maples, Rhododendrons** of tested hardy varieties, **Altheas, Deutzias, Philadelphus, Spiraeas, Viburnums, Weigelias,** etc.

Aquatics

We are headquarters for **Water Lilies,** both **Hardy** and **Tender. Nelumbiums, Victorias** and **Sub-Aquatic Marginal Plants.**

Ornamental Plants

Boxwoods in **Pyramids, Trees, Balls** and **Bushes, Palms, Ferns, Crotons, Dracaenas, Pandanus,** etc.

Bulbs

Amaryllis, Tuberous Begonias, Caladiums, Dahlias, Gladiolus, Lilies, Cannas, etc.

Hardy Climbers

Ampelopsis, Aristolochias, Bignonias, Clematis, Honeysuckles, Hardy Ivies, Hardy Jasmines, Polygonum Auberti, Kudzu Vines, Climbing Hydrangeas, Wistarias, Vitis, etc.

All of the above and many other seasonable **Plants** and **Bulbs** are fully described in our January 1st. Wholesale Price List, which will be mailed to anyone in the trade on application.

HENRY A. DREER

714-716 Chestnut Street, Philadelphia, Pa.

POEHLMAN

72-74 E. Randolph St.,

Memorial Day

We will positively have a big crop of CARNATIONS.

ROSES-BEAUTIES-PEONIES-RUSSELL-ORCHIDS

MEMORIAL DAY PRICE LIST. In effect May 26.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$4.00
36 inches long	3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

	Per 100		
OPHELIA	$4.00 to	$6.00 to	$10.00
HADLEY	4.00 to	6.00 to	10.00
SHAWYER	4.00 to	6.00 to	10.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100		
Extra long			$10.00
Long			8.00
Medium	$5.00 to		6.00
Short	3.00 to		4.00

KILLARNEY, WHITE KILLARNEY, WARD.

Extra long			$10.00
Long			8.00
Medium	5.00 to		6.00
Short	3.00 to		4.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 2.50
30 inches long	2 00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, $4.00, $6.00

CECILE BRUNNER or SWEETHEART ROSE.

Per 100 ..... $2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

CARNATIONS, fancy, per 100, $6.00
Medium ..... " 5.00
Short ..... " $3.00 to 4.00

GARDENIAS ..... per doz., $2.00 to $3.00
CATTLEYAS ..... per doz., 6.00 to 9.00
CAPE JASMINE, per 100, 2.00 to 4.00

LILY OF THE VALLEY.

	Per 100
Extra fancy	$4.00
First quality	3 00
Second quality	2.00

PEONIES

	Per 100		
Fancy pink and white	$8.00 to		$10.0
Medium			6.0
Small	3.00 to		4.0

MISCELLANEOUS CUT FLOWERS.

Sweet peas (common)	$0.75 to		$ 1.0
Sweet peas (Spencer)	1.50 to		2.0
Lilies	8.00 to		10.0
Snapdragons	per doz.,	1.00 to	1.5
Daisies		1.00 to	2.0
Mignonette		4.00 to	6.0
Pansies	per doz. bunches	1.00 to	1.5

MISCELLANEOUS GREEN GOODS.

Mexican Ivy			$ 0.7
Smilax	doz.	$2.50	
Sprengeri and Asparagus Sprays		$2.00 to	3.0
Asparagus Plumosus, per string, 60c			
Adiantum		1.00 to	1.5
Galax (bronze)	per 1,000	$1.0	
" (green)	per 1000,	1.2	
Eastern flat ferns	per 1,000	$3.50 to	4.0
Boxwood, per lb., $0.35	per case,		7.5

Statice, plain	per lb.,	$0.50
" Iridescent effect	per lb.,	.75
Ruscus, red and green	per lb.,	.75
Magnolia Leaves	per box,	1.25
Short Cycas Leaves	per 100,	2.00
Assorted sizes, 16 to 40 inches	per 100,	7.00

Plain Magnolia Wreaths

ROUND.	Per doz.
18 inches in diameter	$ 6.00
21 inches in diameter	7.00
24 inches in diameter	9.00
27 inches in diameter	12.00

Glass Cemetery Vases

	Per doz.	Per bbl.
10-inch	$1.50;	5 dozen, $7.00
12-inch	2.00;	5 dozen, 9.00
16-inch	3.50;	2 dozen, 7.00

White and Green Enamel Vases

	Height	Diam.	Each	Doz.
No. 1	6¾	4¼	20c	$2.00
No. 2	6¼	3½	15c	1.60

Sheet Moss

Fine fresh material, per bag, $2.00

CYCAS WREATHS

Made in U. S. A.

	Each
15 inches in diameter	$ .75
18 inches in diameter	1.00
21 inches in diameter	1.25
24 inches in diameter	1.65
27 inches in diameter	2.00
30 inches in diameter	2.50

N BROS. CO.

ng Distance Phone,
Randolph 35.

CHICAGO, ILL.

BEDDING PLANTS

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
ernantheras, red and yellow, and **Brilliantissima**	$ 2.50	$23.00
ssum, Sweet, 2¼ in	2.50	20.00
eratum, Blue Dwarf, 2¼ in	2.50	
" " " 3 in	5.00	
" " " 4 in	8.00	
onias, Luminosa and Vernon for bedding, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
onia, Chatelaine, 2¼ in	3.50	
3 in	8.00	
4 in	15.00	
aea Scandens, 4 in., 1.50 per doz.		
eus, in variety, 2¼ in	2.50	
3 in	5.00	
adiums, Fancy Leaved (Summer delivery) 5 and 6 in. pots, 50c to $1.50 each.		
ty Miller, for border, 2½ in	2.50	23.00
caena Indivisa, strong, 3 in	7.00	
4 in	12.00	
5 in	20.00	
aniums, the best and most popular bedding varieties, 4 in., in bloom	8.00	80.00
e Geraniums, strong, 3 in	5.00	
4 in	8.00	
sy Geraniums, in bloom, 3 in	5.00	
4 in	8.00	
sy Geraniums, in bloom, larger plants prices on application.		
e. Salleroi Geraniums, 2¼ in	3.00	
3 in	5.00	
otropes, 2¼ in	2.50	
3 in	5.00	
4 in	10.00	
ish Ivy, 2½ in	3.00	
in	15.00	
ish Ivy, strong 5 in......$20.00 to	35.00	
nan or Parlor Ivy, 2½ in	2.50	
in	5.00	

	100	1000
Lobelias, for Bedding & Hang. Baskets.		
Lobelias, Speciosa, Crystal Palace and Bedding Queen, 2¼ in	$ 2.50	$22.00
Lobelia, Cathleen Mallard (double)	3.00	
Marguerites, Yellow and Mrs. F. Sanders, 2¼ in	3.00	
3 in	5.00	
4 in	10.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom. If wanted in baskets an additional price will be charged to cover cost of same.	2.50	25.00
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼	3.00	
3 in	5.00	
Phlox Drummondi, all colors, 2¼ in	2.50	23.00
3 in	5.00	45.00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Ricinus (Castor Oil Beans) red foliage, strong, 4 in	12.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
Smilax, strong new stock, 2¼ in	2.50	23.00
3 in	6.00	50.00
Torenia Fourneri, Blue, 2½ in	2.50	
3 in	5.00	
Vinca Rosea and **Alba,** 2¼ in	2.50	
Vinca Minor (Hardy Grave Myrtle) 3 in.	6.00	
Vinca, variegated and green for boxes and vases, 2¼ in	2.50	23.00
4 in......$12.00 to	15.00	
Verbenas, all colors, 2¼ in	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets, 2¼ in	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**
Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.
Crotons, 3 in. at 25c each. 4 in. at 50c each. 5 in. at 50c to 75c each.
Pandanus Veitchi, highly colored, 4 in., 50c each. 5 in., 75c each. 6 in., $1.25 to $1.50 each. 7 in., $2.00 to $2.50 each.
Boston, Whitmani and Roosevelt Ferns, 7 in. pots, 75c each. 8 in. pots, $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.
Dracaena Terminalis, highly colored, extra fine, 4 in., $3.00 doz. 5 in., $5.00 doz. 6 in., $7.50 doz.
Araucarias, Excelsa, fine stock. Robusta Compacta, large plants, $1.50 to $2.00 each.
Crotons, well colored in all varieties, extra fine, 50c to 75c each.
English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.
Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.
Hydrangea Otaksa and French varieties, 50c to $1.50 each.

	per 100	per 1000
Asparagus Plumosus, 2¼ in	$ 3.50	$30.00
3 in	7.00	65.00
4 in	12.00	115.00
Asparagus Sprengeri, 2¼ in	2.50	22.00
3 in	5.00	48.00
4 in	10.00	98.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

stern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

afted, 2½-in.	Per 1000	
ey	$120 00	$550 00
e Brunner	100 00	......

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2½-in.	Per 1000	Per 5000
Milady	$60 00	$275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS

Headquarters for the best commercial varieties of Chrysanthemums: 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Marvella French, late white	$8 00	$70 00
Pauline Anderson, late yellow	8 00	70 00

h these varieties scored 94 points by judges e Chrysanthemum Society of America, at go, and both scored 95 points by the judges e Minnesota State Florists' Association, at eapolis.

WHITE—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

PINK—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00

YELLOW—	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ SPECIAL NOTICE TO CUSTOMERS: You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Flowers for Memorial Day

ROSES, OUR SELECTION

In lots of 500 or more at rate of $40.00 per 1000.

EXCEPTIONALLY LARGE CROP OF PINK KILLARNEY. PLENTY FOR EVERYONE. ORDERS SOLICITED.

Price List in Effect May 26th

American Beauties

	Per doz.
Specials, extra long stems	4.00
Extra long stems, seconds	$1.50 to 2.00
36 in. stems	3.00
24 in. stems	2.00
12-18 in. stems	1.50

Rhea Reid, Bulgarie and Shawyer.

	Per 100
Extra long	$10.00
Medium	$6.00 to 8.00
Short	5.00

White and Pink Killarney and Richmond.

Long	8.00
Medium	6.00
Short	$4.00 to 5.00

Cecile Brunner ..... per bunch, 35c to 50c

Yellow Roses, Hillingdon and Sunburst.

	Per 100
Long	10 00
Medium	$6.00 to 8.00
Short	5.00

Carnations.

	Per 100
Red, White and Pink, extra fancy	$5.00
LILY OF THE VALLEY	$3.00 to $4.00
ORCHID-FLOWERING SWEET PEAS	.75 to 1.00
ASPARAGUS SPRAYS and **SPRENGERI**	3.00
FERNS, Eastern	per 1000, $4.00
FERNS, Southern	per 1000, 2.00
ADIANTUM	1.00
GALAX, bronze and green	per 1000, $1.00

ROSES in lots of 500 or more at the rate of $40.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

Peonies and Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONES.
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

BUSINESS IS IMPROVING.

Trade has been rather quiet the past week, but business is improving at this writing. There is plenty of stock of all kinds to go around and prices are not what they should be. A good supply of American Beauty roses are arriving now, but are not selling as well as they should, considering the fine quality of the stock offered. Mrs. Chas. Russell roses are arriving in good supply and are moving well, considering the market conditions. Sunburst roses are seen in large numbers, and the same holds good for Ophelia, Hadley, Mrs. George Shawyer, Richmond, Milady, Rhea Reid, Prince de Bulgaria, Killarney Brilliant, Killarney Queen, Killarney, White Killarney, Mrs. Aaron Ward, My Maryland, Lady Hillingdon and Cecile Brunner. Carnations are moving better than they have been, but there are still more than enough to go around. Orchids are more plentiful and very fancy stock is obtainable. Peonies are arriving in larger supply and the first home-grown stock of the season made its appearance this week. Gladioli are to be had in quantity. Sweet peas are seen at nearly all the stores, but the supply does not appear to be any too large. Snapdragons, stocks, lilies, callas, lily of the valley, daisies, lilac, pansies, tulips, iris, mignonette and other miscellaneous seasonable stock are among the offerings, and the retail florist now has a splendid chance to make a selection from a large variety at reasonable prices. A large number of orders have already been placed for Memorial day, especially for carnations, and those that have placed their orders well in advance have protected their supply, for several of the dealers are already refusing orders for carnations. Memorial day is rapidly approaching and those who have not placed their orders yet should do so immediately, for certain lines are going to be scarce and it would not be at all surprising if the market cleaned up completely before the rush is really over.

NOTES.

Joseph Ziska, Jr., made a trip to Hammond, Ind., in Art Schutz's new car and it is needless to add that they had a most enjoyable time. Art thinks that he made a good selection when he bought a Lexicon and will use it considerably in making his frequent visits to the market, for it is only about an hour's run from his store to the city.

A. L. Vaughan & Co.'s sales for May so far are several hundred dollars ahead of the same period last year, and the indications are that the Memorial day business will be the best in years, for the early demand is very encouraging. Miss Thelma Vaughan has been bringing her father down to work with his new auto considerably of late.

A. L. Glaser, of Dubuque, Ia., was a welcome visitor in the market this week. He reports business as good and is thinking seriously of adding a new car to his delivery system in the near future.

SNAPDRAGONS

PINK-YELLOW

Sweet Peas - Stocks - Roses - Carnations - Lilies
Yellow Daisies - Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

LARGE CROPS

ROSES--CARNATIONS

For Memorial Day

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Buy Direct From The Grower. **Memorial Day Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**
Carnations, select white	5 00
Good pink and red	4 00
Harrisii	12 50 to 15 00
Peonies	6 00 to 8 00
Valley	3 00 to 4 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch 50c to 75c	
Ferns, per 1000 $3 50	40

2,000,000 Feet of Modern Glass

PEONIES

All seasonable varieties in large supply at $4.00, $6.00 and $8.00 per 100.

ROSES-CARNATIONS

Best new and standard varieties in large quantities, and everything else in seasonable Cut Flowers and Greens.

MEMORIAL DAY PRICE LIST— IN EFFECT MAY 26

AMERICAN BEAUTIES	Doz.
Specials	$4 00
36-inch	3 00
30-inch	2 50
24-inch	2 00
20-inch	1 50
15-inch	1 25
12-inch	1 00
Short stems, per 100, $4 00 to $6 00	

	Per 100
Richmond, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
Killarney — Killarney Brilliant, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
White Killarney, select	$8 00
Fancy	6 00
Medium	4 00
Good Short	3 00
Sunburst, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
Mrs. Aaron Ward, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
Bulgaria, select	10 00
Fancy	8 00
Medium	6 00
Short	4 00
PEONIES, extra special	8 00
Special	6 00
Good	4 00

	Per 100
Carnations, fancy white and red	$ 5 00
Good Select	4 00
Orchids, Cattelyas, per doz.	$6 00 to $7 50
Callas	$12 50 to $15 00
Cape Jasmine	1 50 to 3 00
Spanish Iris	4 00 to 6 00
Valley	3 00 to 4 00
Mignonette, large spikes	4 00
Sweet Peas	75 to 2 00
Adiantum Croweanum	60 to 1 00
Smilax per doz., $2 00 to $2 50	
Sprengeri, Plumosus Sprays	3 00 to 4 00
Plumosus Strings, each, $ 60	
Ferns, per 1000, $3 50	
Galax, per 1000, 1 50	
Leucothoe	75

ERNE & KLINGEL

WHOLESALE FLORISTS

30 East Randolph Street, L. D. Phone Randolph 6578. **CHICAGO, ILL.**

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

IN HEAVY SUPPLY FOR MEMORIAL DAY

BEAUTIES--ROSES--CARNATIONS

Place your order with us now and you will get the best stock in this market at the most reasonable prices. **'Nuff Said.**

Decoration Day Price List:

American Beauties	Per Doz.
36-in. stems	$4.00
30-in. stems	3.00
24-in. stems	2.50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney	Per 100
Extra special	$8 00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Sunburst	Per 100
Extra Special	$8.00
Selects	7.00
Fancy	6.00
Medium	5.00
Short	4.00
Roses, our selection	**3.00**

Carnations	Per 100
Fancy	$5.00
Good	4.00

Lilies, Fancy—Per 100, $12.50 to $15.00

Peonies Per 100, 4.00 to 8.00

Per 1000

FERNS $3.50 to $4.00

SMILAX doz., $2.50

ADIANTUM 1.00

SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c

The John C. Moninger Co. has received an order from Thos. F. Brown of Redford, Mich., for a house 84x600 feet of its new type of steel construction, which will be equipped with its new ventilating machine. The Moninger people have also booked an order for three new semi-iron frame houses, 32x300 feet, for the Ann Arbor Greenhouse Co., Ann Arbor, Mich., and when the new addition is completed the Ann Arbor firm will have three blocks of Moninger houses.

Bassett & Washburn's greenhouses at Greggs station were struck by lightning on Saturday, May 15, but outside of a few panes of broken glass no great damage was done. This firm is cutting heavily in roses at present and will be in heavy crop with Killarney for Memorial day. Mr. Washburn looks for a brisk business Memorial week, for the early demand is very satisfactory and never was better in previous years than it is at present.

Thos. Heaven, of Benton Harbor, Mich., was in the city on May 15 buying stock for his Memorial day trade. His "Go to Heaven" advertisements for cut flowers in the Benton Harbor papers have attracted considerable attention and caused much favorable comment. He is a pretty jolly fellow and believes in live and let live and would not tell anyone to go to ——; well, you know, just because he or she did not care to "Go to Heaven."

Percy Jones will have as many carnations for Memorial day as the firm did for Mothers' day, which is saying a great deal, and while a large number of orders have already been booked, they are still accepting all that are arriving, with expectation of filling every one. Carnations have always been a leader at this house in former years at Memorial day and this year will be no exception.

Thos. Fogarty, who does the buying in the market for O. J. Friedman, is the proud father of an eight-pound girl, born on May 15. Mrs. Fogarty is a sister of O. A. Tonner who is about as happy over the arrival of the young lady as Mr. Fogarty is himself.

Frank Hlavacek, superintendent of F. F. Scheel's greenhouses at Shermerville, has rented the Zeutschel range at Wilmette and will take possession July 1. He will grow carnations and the output will be consigned to A. T. Pyfer & Co.

Adolph Malchow, 3743 North Clark street, is giving all of his customers a dandy little weapon to swat the fly with. His business card is printed on the handle and taken all in all it is a pretty clever advertising scheme.

B. Zima, 3053 West Twenty-second street, has invested in a new Overland delivery car. He does a big bedding plant trade in his neighborhood and the new car comes in mighty handy in making deliveries.

F. J. Connor, of the Minnehaha Floral Co., West Sioux Falls, S. D., placed an order for two new greenhouses, 25x125, and one 12x125 feet, with A. Dietsch Company, while he was in the city this week.

George J. Kaspar, 4005 West Twenty-sixth street, had a nice wedding order on May 18 that called for quite a number of orchids, lily of the valley and roses.

The Batavia Greenhouse Co. cut its first peonies on May 17 and to the writer's knowledge this is the first local grown stock to reach the market.

E. C. Pruner, one of Poehlmann Bros. Co.'s traveling representatives, is back from a successful trip through the south and southwestern states.

Chas. H. Fisk, 1581 Ogden avenue, bought a new eight-cylinder Cadillac passenger car this week.

C. G. Anderson left for Minneapolis, Minn., to assume management of the Minneapolis Greenhouses.

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street

CHICAGO

Tremendous Supply

CARNATIONS

—— FOR ——

MEMORIAL DAY

Carnations have always been our leader, but this year our supply exceeds that of any previous year. You can get what you want here in White, Pink and Red.

Abraham Iralson, 356 East Forty-third street, says that business is fair and that so far he has no cause to complain of dull times.

F. F. Scheel, of Shermerville, has returned from a business trip to St. Louis, Mo.

Joe Bieber is now with Ronsley the Florist at 106 South Dearborn street.

ANNOUNCEMENT

WE move into our new home on Monday, May 24th. We will occupy the main floor and basement at **160 N. Wabash Ave.** It is the opinion of many in the trade that we will have the best located and most practical wholesale house in this market. The floor space will be nearly three times what we now have. The increased space and the most up-to-date appointments will give us unusual facilities for properly handling large quantities of flowers and greens. We will be pleased to have everyone in all branches of the trade, call upon us in the new location.

KYLE & FOERSTER

Attention! Peony Growers!

If you have any Cut Peonies that you would like to consign to the Chicago market, ship them to us immediately and you will receive your returns promptly. Do not wait to write to us, but send in a shipment as soon as the stock is ready to cut, for we have a ready market for all that we can handle.

Send in a shipment today if possible!

MILLER & MUSSER

WHOLESALE FLORISTS

179-181-183 North Wabash Avenue, CHICAGO

Poehlmann Bros. Co. will have a large cut of carnations for Memorial day, for the crops were never in better condition for this occasion than they are right now, but orders have been arriving so plentifully the past week that they should experience no difficulty in moving all that they can cut. A large supply of fancy orchids are reaching the store each day now, which means a good cut for some time to come. American Beauty and Mrs. Chas. Russell roses of fine quality are seen in large numbers alongside of each other at the store, and while some prefer the latter there are others that still insist upon having American Beauties. Otto W. Frese says that demand for stock for Memorial day is very good and that many orders for this occasion have already been booked. T. E. Waters is busy compiling a new supply catalogue, which will be ready for distribution in a short time.

Miller & Musser had quite an exciting time at their wholesale store on May 16, when a tarantula crawled out of a bunch of bananas which a friend had left in their care for a few minutes. Before they could kill the terror it crawled in the wrapping paper, and it was some time before they could locate and kill it. Some of the florists have been trying to make the force believe that it was only a wood spider, but this is impossible, for they have got the tarantula to back up their story. If you want to start something, just tell them it is a wood spider, and you will find it is almost as serious a problem as moving their store over to Michigan avenue without permission.

The Chicago Flower Growers' Association have another year's lease on the store they occupy on North Michigan avenue, but will very likely move to a more suitable location as soon as it expires. Paul Klingsporn says that the outlook for a brisk Memorial day trade is very bright, for several large orders have been booked during the past week.

A. T. Pyfer & Co. are very enthusiastic over the outlook for a brisk Memorial day trade, for orders for the big flower day have been very numerous the past week, especially for carnations. Mr. Pyfer is well pleased with the business that his firm has enjoyed since it has been in business.

August Lange is planning to join the S. A. F. convention party to San Francisco, with Mrs. Lange and Homer.

H. B. Kennicott, president of the firm of Kennicott Bros. Co., bought a new Saxon this week.

ROSES---PEONIES
CARNATIONS

You can get what you need here for Memorial Day if you place your order with us well in advance. Roses will run from 3 to 8 cents, Carnations 4 to 5 cents, and Peonies from 4 to 8 cents. Remember when ordering that we have everything else in seasonable Cut Flowers and a full line of **Greens,** and that we handle the output of 75 expert growers.

BUY HERE — PLAY SAFE — ORDER EARLY.

Chicago Flower Growers' Association

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Avenue, L. D. PHONE, RANDOLPH 5449. **Chicago, Ill.**

Wietor Bros. will have a large supply of roses and carnations for Memorial day for the crops are in excellent condition, especially Killarney, White Killarney, Sunburst, Richmond, Mrs. Chas. Russell and American Beauty. Carnations in all the leading varieties are grown, and some especially fine Matchless, White Wonder, White Perfection, White Enchantress, Bonfire, Victory, Champion and Rosette were seen as N. J. Wietor escorted the writer through the houses. The planting is well along and a nice supply of young chrysanthemum stock is in splendid condition and ready to ship out. This firm will have a very good Memorial day trade if business is at all good, but will have the stock to do business with and it appears as if they will also have their share of orders, for they have been plentiful the past week, particularly for carnations.

Peter Reinberg is cutting a nice supply of roses, especially Richmond and Killarney, and will be in good crop for Memorial day. Business has been good at this house according to Felix Reichling and the demand has improved considerably during the past few days. This firm has received several nice testimonial letters from customers they supplied with stock for Mothers' day and the report at this store is that many orders for Memorial day have already been received. Miss McNulty, who keeps the Reinberg books, will attend the Panama-Pacific exposition at San Francisco, leaving the latter part of July or early in August.

Kyle & Foerster will move into their new store on the main floor of the Atlas building, 160 North Wabash avenue, on Monday, May 24, and extend a cordial invitation to everyone to visit them in their new quarters. They have one of the best equipped wholesale stores in the country, and the location is all that can be desired. This firm is now showing a fancy grade of American Beauty roses.

Erne & Klingel received word on May 17 from the El Paso Carnation Co., El Paso, that its range of greenhouses suffered considerable damage during the hailstorm which visited that vicinity on the evening of Sunday, May 16. Erne & Klingel are showing some very fancy peonies which compare favorably in quality with the best stock that is reaching this market.

August Poehlmann's son Roland is ill with the mumps at the Western Military Academy at Alton, where he is attending school. Adolph Poehlmann's son Walter will graduate from the Western Military Academy in June and John Poehlmann, Jr., will graduate from the Culver Military Academy at Culver, Ind.

John Kruchten Co. will move into the old Kyle & Foerster store next week, where they will be in a better position than ever to look after the welfare of their many customers. Archie Spencer will occupy the store that the Kruchten company vacates.

James Novak has accepted a position as foreman with the Stuppy Floral Co., St. Joseph, Mo., and is now in charge at the greenhouses. Mr. Novak is well known here, for he was formerly with Wietor Bros. and later worked the Weber place on shares.

J. A. Budlong has added a peony grower to the list of consignors and will have a good supply from now until the end of the season to supply its customers with, in addition to the regular line of stock.

Allie Zech reports that Zech & Mann have already booked a large number of orders for carnations for Memorial day, and that more are arriving in the mails each day.

Frank Kral, 1907 South Halsted street, is another one of the progressive florists who have bought autos this week. His is a Haynes.

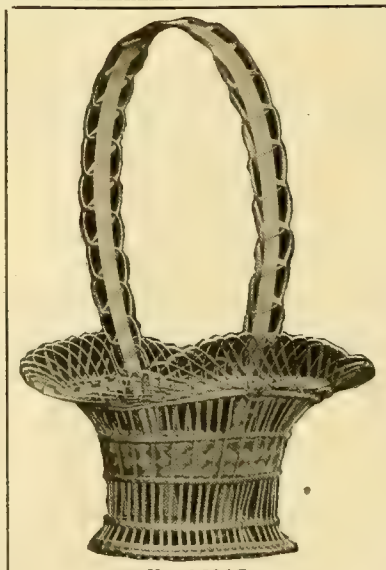
The E. C. Amling Co. is showing its usual supply of fancy peonies in all the seasonable varieties.

S. S. Skidelsky, of S. S. Skidelsky & Co., Philadelphia, Pa., called on the trade here this week.

Nellessen Bros. of Niles Center have bought a Sternberg delivery truck.

Visitors: Robt. Spiro, with Chas. Zinn & Co., New York; F. C. Viereek, Columbus, O.; John S. Carter, president of the Nicotine Manufacturing Co., St. Louis, Mo.; M. M. Dickinson, Carbondale.

ST. LOUIS, MO.—E. N. Talkacz, director of public welfare, has caused $4,000 to be set aside for a new greenhouse in Forest park, and next year will ask for $10,000 for extension of greenhouses.



No. 16907

BRIDAL BASKETS

SEND 50 CENTS
For a Sample Nest of Three

The bridal basket we illustrate (No. 16907) is open-worked and 9½ to 10½ inches. The month of weddings will soon be here; so order a sample shipment today.

RAEDLEIN BASKET CO.
713 Milwaukee Ave., CHICAGO, ILL.

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

USE Budlong's Blue Ribbon Valley.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Roses, Carnations, Peonies, Etc.

Hail Storm at El Paso, Ill.

C. L. W. Snyder, secretary and manager of the El Paso Carnation Co., Inc., writes that the roofs of their entire plant of 11 houses were completely pelted out by hail, averaging in size from shelled walnuts to hen eggs. The storm broke out on Saturday, May 15, about 5:15 p. m., and was over in about 15 minutes. The stock inside the houses was greatly damaged, but the broken glass has all been removed and repairs are well under way and the trade is being supplied as usual with daily shipments of stock to meet all wants. This firm has been enjoying a fine run of trade since it started nine years ago and the year ending July 1, 1915, will still run ahead of any former year. Insurance is carried in the Florists' Hail Association, which is quite an item. Carnation plants out in the field suffered considerable damage also and will show a loss of at least half. The entire place will be repainted and glazing started at an early date. All told this firm has in the neighborhood of 30,000 feet of glass. Dr. R. E. Gordon is president, and L. K. Evans, treasurer of the company.

CAPE JASMINES

(GRANDIFLORA)

The queen of fragrance flowers. Shipments timed to reach any part of the United States in good condition.

Short stems, . . . $ 6.50 per 1000.
Medium stems, $1.00 per 100; 8.50 per 1000.
Long stems, 1.50 per 100; 13.00 per 1000.

With favorable weather buds should be ripe by the 21st. Parties not rated and strangers to me should send money in advance.

THOS. C. EDWARDS
ALVIN, TEXAS.

Toledo.

MOTHERS' DAY TRADE BIGGER.

Judging by the trade conditions in this city, Mothers' day must hereafter be put in the same class by florists with Christmas and Easter, due to the great volume of business which is now transacted on that day. The entire trade in this vicinity is unanimous in returning a verdict of a magnificent and profitable day's business. Remembering the tremendous demand of last year, all florists stocked up and when Sunday evening came, every one was entirely cleaned out. While the demand was still principally for carnations, it was noted that many more roses, sweet peas and other seasonable cut flowers were sold than ever before. Just as many colored carnations were sold as white. One of the most profitable surprises of the day was the number of plants that were sold. For the purpose of boosting sales for this day the publicity man of the Toledo Florists' Club succeeded in getting ten florists to go into a co-operative ad. which helped materially in increasing sales. Taking it all in all the day was a gratifying success from every standpoint.

NOTES.

Schramm Bros. attribute the increase in business which came to them this year to the consistent and creative advertising that was done prior to this day. A pleasing feature of their business was the number of plants that were sold. They succeeded also in shifting the demand from carnations to sweet peas, roses, snapdragons and Darwin tulips of which they had a great quantity.

Great credit is due Robert Blake, designer for Mrs. J. B. Freeman, Superior street florist, for the very artistic and beautifully appealing Mothers' day window that he conceived. It was the only advertising that Mrs. Freeman did for Mothers' day and brought splendid results, as her business was exceedingly good.

Spanner on Summit street had a very satisfactory Mothers' day trade and cleaned up exceptionally well. He says that he satisfied all his regular patrons and sold many hydrangeas.

Metz and Bateman were simply overwhelmed on Mothers' day, for besides their city business, which was great, orders exceeding $100 came in from outside for funeral work. K.

Cleveland.

GOOD DEMAND FOLLOWS MOTHERS' DAY.

The demand for cut flowers was good the week following Mothers' day, and stock, until the last week, was none too plentiful. American Beauty roses of exceptional size, beauty and color were in good supply and sold well, the medium grade not coming in in quantity. Wards and Sunburst were also popular. Snapdragon cleans up daily, shipments seeming to be limited, and sweet peas are also scarce. Swainsona, lilacs, forget-me-nots, calendulas, Darwin tulips, larkspurs and daisies are part of the daily supply. Lily of the valley has been plentiful. Greens arrive in good quantity. Blue iris has made its first appearance and good

FOR

MEMORIAL DAY. SPRING WEDDINGS.

Anything and Everything that the market affords in both Cut Flowers and Greens—Particularly Choice

PEONIES-ROSES-CARNATIONS-VALLEY-SWEET PEAS

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

dagger ferns, southern stock, is now on the market. Easter lilies and callas move fairly well.

NOTES.

Our city forester, John Boddy, addressed the real estate board at its weekly luncheon Wednesday, May 12, on "How Nature Makes Money for the Real Estate Man." He pointed out the best methods to be followed for the developing of home properties by the planting of shrubs and trees. Mr. Boddy is an expert in his line and will assist board members in any of their individual problems.

Selling flowers to boost the fund for the Zionist movement by the Jewish organizations of this city Sunday, May 16th, was the largest for this purpose ever attempted. In the neighborhood of 30,000 flowers were sold on the streets by about 500 women, who took anything from a nickel up. Last year Cleveland Jewish organizations ranked fourth in money taken in for this movement.

The Cleveland Florists' Club head pin bowling tournament took place as scheduled on the Erie alleys, Wednesday, May 12, at 8 p. m. Frank Friedley lead the test with 93 pins. Herbert Bates and Chas. F. Bastian second with 88 each; Frank Ritzenthaler third with 83 and H. P. Knoble fourth with 77 pins.

Herman A. Hart and Adam Graham are again judges who will award prizes for the garden contest. This contest is growing yearly and is now one of the largest movements toward a city beautiful ever attempted.

The next meeting of the florists' club will be held Monday evening, June 7. Details of the coming show will be discussed.

F. A. W. Brown, of the J. M. Gasser Co.'s retail store, left for Rochester, N. Y., with the local ad club members.

C. F. B.

GARDENIAS

Choice buds (Jasmine Grandiflora) with an abundance of bright, fresh foliage from strong, vigorous plants.

Class A.....$1.50 per 100, $13.00 per 1000; stems over 12 inches. F. O. B.
Class B..... 1.00 per 100, $8.50 per 1000; stems under 12 inches. F. O. B.

Cash or C. O. D.

YARD & YARD

P. O. BOX 201, ALVIN, TEXAS

Pittsburgh.

STOCK IN SHORT SUPPLY.

There has been a marked shortage in the supply of flowers for the local market of late, and stock of all kinds is bringing good returns, with the exception of roses and lilies. American Beauties are in good supply, however, and the prices realized are very low. Carnations, sweet peas, irises, peonies and daisies are holding up very well. Very few sweet peas are seen here any more, and the carnation season is shortening up also. Peonies are quite plentiful now and are of fine quality, being mostly local stock. Some very good outdoor lily of the valley is seen daily at inducing prices. Gladioli have appeared, grown in the south, and show up very well. The wholesale men are booking many large orders for Memorial day peonies, and also report that the stock will by far surpass the quality of last year. Carnations are expected to be quite scarce, however, for this holiday, but there will be plenty of peonies and roses on hand. Of course, the plant business is booming greatly, and wagon after wagonload can be seen driving around the city every day of the week.

NOTES.

The McCallum Company are making great preparations for their peony business for Memorial day, and will, as usual, live up to their reputation of being the "Pittsburgh peony kings." They are cutting some fancy Killarney at Allison Park.

Theodore Verscharen reports this as his banner year in the plant business, and says that there's lots more to come before the thirtieth. He has just added a Ford truck to his delivery service.

F. H. Riegelmeier has purchased a new Chandler automobile for pleasure use, having converted his Studebaker touring car into a truck.

Mr. Smith, recently of C. H. Cramer's, Uniontown, is now managing the retail store of J. S. Hennon & Son, Beaver Falls, Pa.

The Pittsburgh Cut Flower Co. is strong on fine cattleyas and carnations.

G. M.

St. Louis.

STOCK OF ALL KINDS FILLS COUNTERS.

The weather during the past week was very warm but at this time of writing it is cool with prospects of frost. Stock of all kinds is plentiful and the counters of the wholesalers are filled. Sweet peas are in abundance. Peonies are plentiful, especially those of poor quality. Roses are also cheap and plentiful. Of course, there is always a limited supply of fancy stock.

NOTES.

The local florists' club met May 13, W. Pilcher in the chair. The minutes of the last meeting were read and the trustees were instructed to prepare for a picnic in July. A suitable affair will be in order of celebrating the twenty-ninth anniversary of the club next month.

Mullanphy Florists are very busy planting out stocks. A heavy sale in rose bushes took place at their downtown store May 15.

The Moss Floral Co. has repainted its store and everything looks bright. Mrs. Moss reports trade is growing and improving.

Geo. H. Angermueller is out with a new six cylinder pleasure car, and a new delivery car is in course of construction.

The park department has been very busy fixing up flower beds and general overhauling in all the parks and playgrounds.

Ed. Buechel of the Riessen Floral Co. and J. J. Beneke are doing jury duty at the circuit court this week.

G. M. Reburn, of A. Henderson & Co., Chicago, is with us this week.

The Riessen Floral Co. reports heavy sales in funeral work.

W. F.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave CHICAGO

ROSES

White and Pink Killarney and Richmond Roses, Red, White and Pink Carnations. Callas, Sweet Peas, and Greens of all kinds.

W. E. Trimble Greenhouse Co
PRINCETON, ILL.

Joseph Ziska & Sons
151-153 N. Wabash Ave., CHICAGO
Wire Designs and Wholesale Florists' Supplies
Write for Our New Catalog

A. L. Randall Co.,
RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND
Wholesale Cut Flowers, Florists' Supplies.

George Reinberg
Wholesale Florist
Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.
162 N. Wabash Av., CHICAGO

USE **Budlong's** Blue Ribbon Valley.

The Retail Florists' Co.
Suite 510, 56 E. Randolph St., CHICAGO.
We sell anything you manufacture or grow. We buy anything you need. Write us today.

Yalesville, Conn.

Calling recently on the Barnes Brothers' Nursery Co., we found them very busy. They do a large business in fruit trees, grape vines and strawberry and blackberry plants, as well as in shade and ornamental and flowering shrubs, having a total of 1,200 acres. Their packing room attracted our attention. It is large and built of concrete. Traveling cranes have been installed, and thus the work of loading and unloading heavy packages is made easy. This firm issues a neat catalogue. A. F. F.

AUSTIN, TEX.—A rainfall of nine inches April 24 did serious damage to both greenhouses and out-door planting.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY
WHOLESALE COMMISSION FLORISTS
163-5 NO. WABASH AVENUE CHICAGO
TELEPHONE CENTRAL 466

E. C. AMLING CO.
THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.
174-6 N. Wabash Ave., CHICAGO.
L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

	Current Price List.	Per doz.
Roses, Beauty, specials		$4 00
" " 36-in.		3 50
" " 30-in.		3 00
" " 24 in.		2 50
" " 20-in.		2 00
" " 15-in.		1 50
" " 12-in.		75@1 00
" Mrs. Chas. Russell		1 00@ 2 50
		Per 100
" Killarney Brilliant		2 00@10 00
" Killarney		2 00@10 00
" White Killarney		2 00@10 00
" Richmond		2 00@10 00
" Prince de Bulgarie		2 00@10 00
" Rhea Reid		2 00@10 00
" My Maryland		2 00@10 00
" Mrs. Geo. Shawyer		2 00@10 00
" Milady		2 00@10 00
" Sunburst		2 00@10 00
" Mrs. Aaron Ward		2 00@10 00
" Hadley		2 00@10 00
" Ophelia		2 00@10 00
" Our selection		3 00
Carnations		1 00@ 3 00
Cattleyas	per doz., 600 to 7 50	
Gardenias	per doz., 3 00@ 4 00	
Gladioli		4 00@ 8 00
Lilium Harrisii		10 0 @12 50
Peonies		4 00@ 8 00
Snapdragons	per doz., 50@2 00	
Spanish Iris		4 00@ 8 00
Sweet Peas		75@ 2 00
Tulips		3 00@ 4 00
Valley		3 00@ 4 00
Adiantum Croweanum		1 00@ 1 50
Ferns	3 00@4 00	
Galax	" 1 00@1 25	
Leucothoe		75@ 1 00
Mexican Ivy	per 1000, 5 00@6 00	
Plumosus Strings	each, 60@ 75	
Smilax	per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays		3 00@ 4 00
Boxwood, 35c per lb.		

New Crop Wild Smilax
Now ready for shipment,
$2.50 per case.
Natural and Perpetuated Moss.
E. A. BEAVEN, Evergreen, Ala.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120 page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

ZECH & MANN
Wholesale Florists
30 East Randolph St., - - Chicago
Telephone Central 3284
Mention the American Florist when writing

John Kruchten,
Wholesale Cut Flowers
162 N. Wabash Ave., Chicago
ROSES and CARNATIONS
Our Specialties.
Mention the American Florist when writing

Wietor Bros.
Wholesale Growers of **CUT FLOWERS**
All telegraph and telephone orders given prompt attention.
162 N. Wabash Ave., Chicago

For Memorial Day

NEW DAGGER FERNS, 1000, $2.00.

A large supply of local **Peonies,** at very reasonable prices. All fresh cut stock—none out of storage.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

CARNATIONS IN SHORT SUPPLY.

The supply of flowers coming to the market is more than ample—with the exception of carnations there is a great excess of everything. Carnations for some reason, possibly the close picking in the desire to get it in anything or everything that might be salable for Mothers' day, have been shy the past week. They are showing the effects of their long season and the warmer weather and are getting smaller. Roses are plentiful and it takes the week-end sales started recently by several of the stores at the suggestion of the growers to clean them up. This is a move in the right direction, as liberal price concessions are made by the growers and some of the commission men, which enables the dealer to offer stock at one-half the ordinary price, inducing the public to buy what they have no particular use for, "because it is so cheap." Men who would not sell more than 100 to 200 short Killarneys a day handle under these cut-price sales, 1,500 to 2,000 on Saturdays. The aggregate of these sales helps very much to relieve the situation, although they interfere considerably with stability in prices, as everything cannot be sold cheap, except in a shop which makes this their specialty.

New crop sweet peas are anxiously looked for, the present stock of fag ends being very unsatisfactory. Snapdragons have been good stock, being handled in quantity at low prices. Miniature gladioli sell fairly well, as does Spanish iris, which finds much favor with discriminating flower buyers. Cornflower is now seen in quantity and is popular for boutonnieres. Callas and Easter lilies are very plentiful. Now that there has been time to exchange views on the business of Mothers' day, it is very uncertain whether the trade generally profited to any extent. Several of the dealers plunged or bought for speculation and after holding for a while and not finding the market, were compelled to sell for one and two dollars, stock that cost them from four to six. Mothers' day is based on sentiment, but of course there is no sentiment in business. It is, or should be, a matter of dollars and cents, or a principle of live and let live, but there should be honor. The white carnation lends itself unconsciously to very reprehensible methods. Flowers that have been cut from a week to ten days, or ever longer, if kept in an ice box are very difficult to distinguish from fresh stock, the colored sorts pale out, but the white appear all right at first, only to go to pieces in a few hours after coming into the heat. The working off of this "pickled" stock at high prices to the trade has done much to disgust the stock keepers with any movement to push their sale. Many stores had stock left over for this reason. There was little or no advertising done; a few small cards, but nothing collectively. The publicity movement, started so auspiciously a few years ago, and which was generously supported by all classes of trade, has for some reason gone a glimmering; it promised to be a bright, shining light to attract the lovers of flowers, but its rays are now very feeble if they have not died out altogether. Why this failure? The bedding plant men are now in the midst of things. The demand for geraniums, particularly for plants in flower, is much greater than the supply. They must be in flower to sell, yet if the people only knew it and they should be told, to have them coming in is much better than when they are about going.

NOTES.

Duncan Macaw, first lieutenant of the Craig forces at 49th and Market streets, after June 1 is to be captain of a company of the Macaw clan at Norwood, where the business, started a few years ago, has grown so that it requires his undivided attention. He is one of the live wires of the profession, an expert, full of energy and

Wholesale Flower Markets

BOSTON, May 19.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	3 00@ 4 00
" select	4 00@ 6 00

BUFFALO, May 19.	
Roses, Beauty, special, doz.	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 50@ 2 50
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00

CINCINNATI, May 19.	
Roses, Beauty	per doz. $1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	8 00@10 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus	per bch., 25c
Carnations	2 00@ 3 00
Orchids, per doz	3 00
Sweet Peas	35@ 1 00
Peonies	4 00@ 6 00
Gladiolus	4 00@ 8 00

ST. LOUIS, May 19.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	1 00@ 2 00
Orchids	35 00@50 00
Violets	25@ 40
Asparagus Sprengeri, per bu.	25@50
Asparagus Plumosus, per bu.	25@60
Harrisii	6 00
Sweet Peas	20@ 40
Callas	6 00@ 8 00
Ferns	per 1000, 2 75
Leucothoe	per 100, 60
Galax	per 1000, 1 25

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley

SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.

1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL

"The" Wholesale Florist of Cincinnati

32-34-36 East Third St. CINCINNATI, OHIO

Consignments Solicited.

Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of

Florists' Supplies

THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.

Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

For Decoration Day

PREPARED MAGNOLIA LEAVES.

Best quality. Green, Brown or Red. About 1000 leaves to a box. All leaves are good medium size. They are bound to please you.

1 box (or more) ..... per box, at $1.35
5 boxes (or more)..... per box, at 1.30
10 boxes (or more)..... per box, at 1.25

Special low price on larger lots. Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH

Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

O. R. Eckhardt Co.

WHOLESALE FLORISTS.
ST. PAUL, MINN.
Shippers of Home-Grown Cut Flowers and Florists' Supplies.
Phone N.W. Cedar 7067. Phone Tri-State 2163. 318 Minnesota Street

with a winning smile that is worth more than all the rest put together. He has the best wishes of the craft for his success.

H. Bayersdorfer, accompanied by his wife, are now on their way to Japan, where he goes to beat the Dutch, by having the artful Japs carry out his ideas in basket making. Combing the world to get the best is a great stroke of enterprise. Nothing seems to stop this man Bayersdorfer.

The "new house" seed is commencing to sprout, Wm. Leonard of Lansdowne having a strong one coming up, 40x300 feet, while the Highland Rose Co. of Morton are coming along with one 42x 100 feet. Several others are just about breaking through.

Charles H. Fox, rather than charge the high price asked for white carnations for Mothers' day, placed a card in his window announcing, "No white carnations for Mothers' day."

The Leo Niessen Co. are preparing for a record-breaking Memorial day business. Peonies and carnations will be strong features.

Edward Reid has scarcely recovered from the stress of Mothers' day. American Beauty, Mock and Sunburst roses are features here.

The M. Rice Co. are featuring June wedding and commencement baskets. Business for Memorial day has been very good.

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206.
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, May 19.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus, per bunch.	50

PITTSBURGH, May 19.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00@ 1 50
Carnations	1 50@ 2 00
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00@ 4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Peonies	4 00@ 6 00
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch,	35@40
Snapdragon	4 00@ 6 00

Gladioli, irises and carnations are leaders with the Berger Bros. Fine lily of the valley is also a feature.

Charles Edgar is to manage the Edwards flower shop in the Traymore Hotel, Atlantic City, N. J.

W. K. Harris has several houses of ramblers for Memorial day, which are very well flowered.

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING

Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, May 19.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	3 00@ 8 00
" Ward, Sunburst	3 00@ 8 00
" Mrs. Chas. Russell	5 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	2 00@ 4 00
Lilies	8 00@10 00
Snapdragon, per bunch, 25c @ 50c	
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Peonies	4 00@ 6 00

Pot roses are scarce, Henry A. Dreer, Inc., having the market almost to themselves. K.

DES MOINES, IA.—H. E. Lozier, florist, has purchased the building at 521 East Locust street. The price was about $14,000.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in. Case of 100 Bulbs, $6.95 — 300 Bulbs, $18.00; 1200 " 70.00

C. S. & CO. NEW YORK

LILY OF THE VALLEY PIPS — 1000 Pips, $15.00; 2500 " 35.00 — $7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

BUSINESS IS DULL.

There has been considerable complaint, during the past week, of dull business. Relating to that, we only say that what people have before their eyes impresses them more forcibly than something that has passed and gone. It is true that business has been dull, but there have been other times when it was as bad, probably worse than now. Considering the great volume of stock that reaches this market, it has sometimes been a surprise to the writer, not that it occasionally caused a congestion, but that so much of it sold. It is true that prices are low, but that is to be expected just now. Roses are blooming freely and there are yet many carnations coming in. Sweet peas, lily of the valley, tulips, grown in the open, stocks and various other flowers are plentiful. There is yet an abundance of lilac and much of it is very good and moves freely. The advance guard of the peonies is already here and in a week or two there is likely to be battalions of them. When we consider all this, and various other matters that leave a depressing effect on business, times might be worse.

May 17.—The market is quiet. Rain has been falling intermittently since Sunday morning, which does not improve conditions. American Beauty roses are in lighter supply and specials bring $20 and in some instances $25 per 100; in other stocks prices remain about the same as our quotation of May 12.

NOTES.

George Schlegel, of Brooklyn, though engaged in other business, is a great orchid fancier. In S. G. Milosy he has in his employ an excellent grower. Calling recently at this range, which comprises about 15,000 square feet of glass, we found a great variety of fine orchid stock. He has a plant of the epidendrum family, said to be valued at $2,000. It is pure white and is said to be the rarest white orchid known to the trade and to fanciers. There is a collection of 250 plants of Cattleya and Brassia, and Phalænopsis, Schilleriana and amabilis were also noted.

W. H. Siebrecht, Jr., secretary of the Associated Retail Florists, Inc., of New York, advises us that the association maintains a list of names of florists out of employment, and they would be pleased at any time to hear from persons connected with the retail business who are looking for positions, or from those who are looking for help. Mr. Siebrecht's office is in Queens Plaza court, Long Island City, N. Y.

At the store of Malandre Brothers, 2703 Broadway, we have noted a fine decoration of foliage plants. On each side of the entrances there are four boxes filled with plants, fastened to the wall and a larger one over the door. The boxes at the threshold are so filled and arranged with English ivy and other plants, that to the top of the doorway they present an unbroken mass of foliage.

A. Demeusey, Brooklyn, has a very fine stock of flowering carnations and his young stock in the field is exceptionally good. All the Flatbush carnation growers are strong on the propagation and care of young stock. At the John A. Wocker estate we noted good carnations and a fine stock of young plants of A. plumosus nanus were being planted.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Myer, who has been for ten years a retailer at Madison avenue and 58th street, has made great progress with his business. He now has one of the finest buildings, for the retail florist business in the city. He states that in the building he has an investment of $125,000 and expects to have it clear of any mortgage within a year.

Edward Dupuy, son of Louis Dupuy, of Whitestone, L. I., reached nome May 9, after several weeks spent in France and England. He did not make the trip on business connected with horticulture, but took note of what was doing over there. He says the cut flower trade is good, but plants are very slow.

Philip F. Kessler, the wholesaler of the Coogan building, will close his place of business, July 15, and it will remain closed until September 15. In the interim he will visit the Panama-Pacific exposition and, as a matter of course, attend the convention of the Society of American Florists.

Young & Nugent had a very large amount of funeral work, May 5, for the funeral of Robert A. McCord, vice-president of the Hecla-Winslow Architectural Iron Co., who died at his home, Greenwich, Conn. The stock used was largely orchids.

G. W. Peters, of George Peters & Sons, Hempstead, who is their salesman in the rooms of the New York Cut Flower Co., is being congratulated over the stork's visit to his home. The wise old bird left a boy. Mother and child are doing well.

John ("Shorty") Hart, at one time a prosperous wholesale florist of this city, died suddenly in a hospital May 13. Fifteen years ago he was considered one of the best salesmen in the district. He was about 50 years old.

The florists of Conway street, at Evergreen Cemetery, are now doing a good business. At K. Rodman's, the W. H. Hall estate, Fred. Albrecht Jr.'s and the store of John J. Ehrhardt & Son we noted activity.

G. E. M. Stumpp is very busy getting ready his new store at Southampton, L. I. The building he bought had to be completely remodeled, but he hopes to be ready to open in a very short time.

The noted brothers, William, Louis and Charles Kuebler, are always busy. In addition to a wholesale cut flower business they also have a supply business which is managed by Louis.

The Broadway, Brooklyn, florists seem prosperous, and there are several good stores on that thoroughfare, noteworthy being Joe Trepel's, J. M. Thielmann's and Metcalf's.

Alexander Donaldson is marketing good lilies. He is selling out a large stock of geraniums and planting the beds made vacant with chrysanthemums.

Wm. J. Ruppert, Brooklyn, now conducts two retail flower shops, one at Cooper street and Central avenue, the other at Jamaica avenue and Wyona street.

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone. Madison Sq 5335

Ulrich Brothers, carnation growers of Pennsylvania avenue, have a fine stock of young plants in the field and are yet cutting good carnation blooms.

J. H. Small & Son decorated at the Waldorf-Astoria, May 15, for the dinner given to Secretary Daniels and the admiral and officers of the fleet.

D. J. Pappas, 2751 Broadway, is doing a large amount of window box work and using fine stock.

In the show window of D. J. Pappas we have noted a very fine display of cut flowers and plants.

The Brooklyn wholesalers seem to be holding their ground and prospering.

H. E. Froment, in addition to roses, is receiving heavy shipments of gladioli.

At Bonnet & Blake's we have noted good stock and it was selling.

Geo. C. Siebrecht is receiving good peonies from Maryland.

Visitor: Thomas Roland, Nahant, Mass.

A. F. F.

CHATTANOOGA, TENN.—Eight acres of ground, with three greenhouses, each 30x150 feet, known as the Higley place, have been purchased by H. W. Johnson. Several thousand dollars will be spent in improvements and a nursery will also be established. Grant Kennell will continue in charge of the greenhouses. A down-town flower shop on Eighth street is also planned.

J. K. ALLEN Established 1878 118 West 28th Street New York

Wholesale Commission Dealer in Cut Flowers.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Consignments Solicited. Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer

Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi

Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

Albany, N. Y.

Among the recent visitors to the city was Alexander J. Guttman, well known florist of New York. He called on Governor and Mrs. Charles S. Whitman at the executive mansion, bringing with him some plants of a new scarlet carnation, together with three dozen of the flowers which Mr. Guttman has named in honor of Mrs. Whitman. The latter were used the same evening for decorations at a function held in the executive mansion. Samples of the flower were left also with Thomas F. Tracey, manager of the Albany Cut Flower Exchange. A few years ago Mr. Guttman introduced Carnation Beacon to the trade and this variety is well known. The new carnation is scarlet in color, flower of large size, and with a long strong stem. It may be introduced to the trade next year.

Local retailers are well satisfied with the business done on Mothers' day. The supply of carnations was not equal to the demand and although an effort was made to persuade some of the public to buy roses, there was little or no response as the minds of purchasers seemed to be set on carnations only. The demand for white carnations was extraordinary. Calls for flowers were heavy Saturday evening and Sunday nearly all the retailers were out of stock before 11 a. m.

Morris Cohen, a well known ribbon salesman of New York, has recently started in business for himself. Morris has many friends hereabouts and all wish him well in his new venture.

Visitor: Stephen Green, representing H. H. Bayersdorfer & Co., Philadelphia Pa.

R. D.

MONTGOMERY, ALA. — The Rosemont Gardens' business of the late W. B. Paterson, will be continued by W. B. Paterson, Jr., J. P. Paterson, J. H. Paterson, Wallace B. Paterson and Rupert D. Wilson, his four sons and son-in-law, who are long associated with him in the business and have grown up with it.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, May 19.	Per 100
Roses, Beauty, special	15 00@25 00
" " extra and fancy	8 00@10 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	1 00@ 8 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	4 00@ 6 00
" Mrs. Geo. Shawyer, special	3 00@ 6 00
" " " extra	2 00@ 3 00
" " " No. 1 & No. 2	50@ 2 00
" White Killarney, special	4 00@ 6 00
" Killarney, My Maryland	
" " special	4 00@ 5 00
" " No. 1 and No. 2	50@ 2 00
" " Queen, special	2 00@ 5 00
" " Brilliant	50@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 5 00
" Sunburst	50@ 6 00
" Taft	50@ 6 00
" Milady, special	50@ 6 00
" J. L. Mock	1 00@ 6 00
" Hadley	1 00@15 00
" Ophelia	1 00@10 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	50@ 2 00
Cattleya Orchids, special	25 00@35 00
" " inferior grades	15 00@20 00
Jonquils	1 00@ 1 50
Lilies, Longiflorum and Harrisii	3 00@ 5 00
Lily of the Valley	1 00@ 2 50
Tulips	1 00@ 1 50
Gardenias.....per doz., 75c@$1.00	
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	1 25@ 1 50
Sweet Peas, per doz. bunches.	25@ .35
" " Spencer type, 100 flowers.	.50@1.00
Daffodils, Trumpets	2 00
Peonies, special pink.....per doz.,	50c@75c
" other colors and inferior stock,	25c@40c
Gladiolus.....per doz.,	25c@35c

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing.

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing.

WHOLESALE FLORISTS
A. L. Young & Co.
54 WEST 28th ST. NEW YORK.
Consignments Solicited
Mention the American Florist when writing.

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

THE SEFTON MFG. CO.,
1333 W. 35th St., CHICAGO, ILL.

Cincinnati.

PEONY CROP EXCELLENT.

The supply in the market, while not as large as it was, is still easily able to take care of all immediate requirements. The demand for stock is fair and is of about the same volume as during the last several weeks. Shipping business is pretty good. Peonies this year are apparently better than in other years. The supply is large and steady and is generally in a most excellent condition. The rose cut, including American Beauties, continues large. Carnations are plentiful, but are rapidly deteriorating in size and quality, owing probably to the advent of warmer weather. The Easter lily supply is more than able to take care of all present needs. Orchid and lily of the valley offerings, as well as outdoor sweet peas, are very good. The first cornflower of the season has made its appearance. Irises have a very poor market.

NOTES.

The E. G. Hill Floral Co. had a very prettily arranged basket of peonies in one of their windows the first of this week.

Miss Jennie Adrian left the first of last week on an extended trip to California and the exposition.

C. E. Critchell has been getting some fine hardy shrubbery from Thos. Windram.

Visitors: J. Meiklejohn, representing H. Frank Darrow Co., New York; T. Weltz, Wilmington, O., and Miss Fannie White, Lexington, Ky.

H.

Minneapolis, Minn.

MARKET CONDITIONS SATISFACTORY.

Market conditions the past week have been very satisfactory, although prices have been lower than the week previous. Roses cleaned up well at from three cents to eight cents, carnations vary from two cents to four cents, and sweet peas are scarce at 75 cents per hundred for old stock, with very few Butterfly to be seen. Tulips are being held at two cents to three cents but the quality is poor. Daisies are quoted at $1 per 100 and find ready sale.

NOTES.

L. S. Donaldson Co.'s greenhouse force are having a very busy time of it and Wm. Vasatka says that bedding stock is all the people in the country know anything about, by the way they keep writing and telephoning for it.

Mr. Swanson of Minneapolis Floral Co. is using extra men getting out bedding stock at the cemeteries and has one eye open looking for C. G. Anderson to relieve him. Mr. Anderson has not arrived as yet to take charge.

The Farmer Seed & Nursery Co., of Faribault, Minn., has operated a store at 702 Hennepin avenue for several weeks past and report sales as much heavier than expected, with their large force of salespeople all busy.

W. D. Desmond, Robert Newcomb and Wm. Opal went to Lake Minnetonka on a fishing trip May 16. They are all back but have made no report.

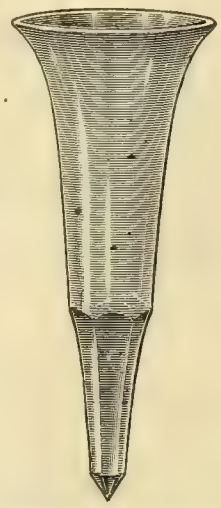
Eldridge Floral Company is busy with country orders and says out-of-town business is much larger than in former years.

Rice Bros. say that the peony crop is starting to come in and that they expect to handle a great many for Memorial day.

Hans Rosacker has his two houses all closed in and is nearly ready to start two more the same size, 28x260 feet.

The flower show committee has not done anything final as yet but expects to make a full report next week.

The Sunshine Florists are having some very attractive windows and report business very good.



Clara Cemetery Vase

MADE OF SOLID MOULDED GLASS

12 inches high, with wide flaring mouth
Can be supplied in green or white
Doz., $2.50; barrel of 3 doz., $6.00,
f. o. b. Chicago.

Vaughan's Seed Store,

CHICAGO: 31-33 W. Randolph St.,
NEW YORK 43 Barclay St.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.
Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

USE **Budlong's** Blue Ribbon Valley.

Southern Wild Smilax

New Crop now ready for shipment, $2.50 per case
Natural and Perpetuated Moss.

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
VERG REEN, ALABAMA

Northwestern Wire Works

LOUIS P. DANCIK, Prop.

Manufacturers Florist Wire Designs, Wire Hanging Baskets and Fancy Wire Lamp Shades.
Tel. Tri-State North 266.
228 13th Ave., N. E. MINNEAPOLIS, MINN.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

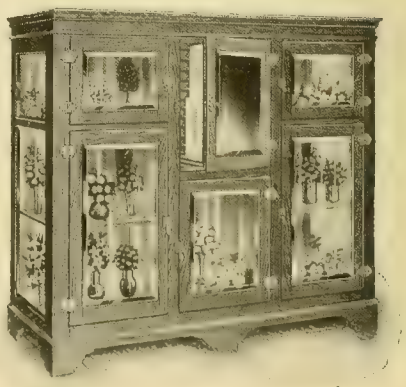
If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.
Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.



FLORISTS' REFRIGERATORS—CATALOG FREE
BUCHBINDER BROS.,
518 Milwaukee Ave., Dept. F, CHICAGO

Visitors: Robert Newcomb, representing Vaughan's Seed Store, Chicago.

F. C. R.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. **T. J. JOHNSTON & CO.** 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL. Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. **WASHINGTON, D. C.,** Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

FLOWERS

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Adires4, DARDSFLOR.**

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

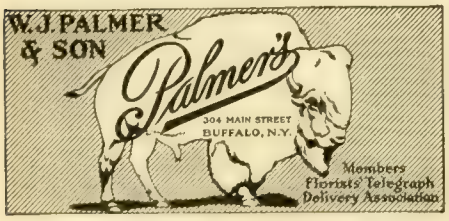
Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,
1415 Farnum St. TELEPHONES 1501 and L 1582
Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Daniels & Fisher, Denver, Colo.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews, the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Witthold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

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John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

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Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

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D. C.

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

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913 Grand Avenue

All Orders Given Prompt and Careful Attention

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The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

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PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

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THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

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WHOLESALE AND RETAIL.

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Telephone 2656 Established 1880

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FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Son.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN

INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The FLORIST

2221-2223 W. Madison St. CHICAGO.

All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,

FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

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Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Little Rock, Ark.

PAUL M. PALEZ,

FflorIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city. Arkansas and the Southwest.

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heinl)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivery.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries **DULUTH, MINN.** to Superior, Wis.

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CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF **HEINL'S**

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MYER, FLORIST, 609-611 Madison Ave

Phone 5297 Plaza.

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The Flower Shop

The Leading Florists

69 MADISON AVENUE

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ROCK'S FLOWERS

Members Florists Telegraph Delivery Ass'n

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C. H. FREY,

Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice

Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE

"Some Florist"

16 N. 6th St., **Ft. Smith, Ark**

Mention the American Florist when writing

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

Trade Directory

PRICE: $3.00, Postpaid.

American Florist Company

440 S. Dearborn St., CHICAGO

DENTON FLORAL CO., DENTON, TEX.

S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

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1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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TORONTO, CANADA

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

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Funeral Emblems **Cut Flowers**

Brown Bros. & Co.,

Ltd.

FLORISTS, NURSERYMEN AND SEEDSMEN

Bulbs
Seeds

48 Hastings St., E.,

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NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

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California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery

Imported Bulbs

French
Japanese
Dutch

AS WELL AS

Bermuda and California Stocks

Bought and Inspected by Our Own Representative.

Offered by us at Rates and Terms to meet any competition.

30 years' record here in the U. S., in the importation of dependable stocks of forcing bulbs with stocks of several reliable growers to choose from, should entitle our offers to most favorable consideration from every American buyer.

Write for Prices.

VAUGHAN'S SEED STORE

NEW YORK **CHICAGO**

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

NEW YORK.—Seed and plant counter trade is slowing down.

FRENCH reports indicate that definite bulb prices are not yet agreed upon by interested producers.

THE Japanese steamer carrying Robert Fulton to Japan has been reported on fire two days out from Yokohama.

CHICAGO.—Prices for grass seed on the Board of Trade May 19 were as follows: Timothy, $5.25 to $6.50 per 100 pounds.

CRAWFORDSVILLE, IND. — The Crabb, Reynolds, Taylor Co. will install new seed cleaning machinery. They are erecting a three-story addition to their establishment.

THE Chinese Narcissus Combine at Amoy is again holding out for prohibitive prices, notwithstanding the heavy loss sustained on account of similar action last year.

THE flurry on blue grass seed seems to be subsiding with very good Kentucky prospects for the new crop. It is hinted that some 1912 seed was moved at the late advance.

VAUGHAN'S Hoodoo melon continues to be sold as Ordway just as Vaughan's Osage Gem was falsely changed to Burrell's Gem and is so catalogued by many firms, who are aware of the fraud.

POLMAN MOOY is offering to the American trade his Excelsior pink Roman hyacinth, spikes larger than ordinary Romans, graceful without being clumsy, a delicate pink, slightly scented.

ST. JOSEPH, MO. — William Mitchelhill, member of the firm of Mitchelhill Bros., was one of the passengers on the Lusitania. Despite the efforts of friends and the steamship company, no trace has been found of him.

NEW YORK.—Charles D. Boyles, now president of the Hoboken Shore Railroad here, is spending most of his time in this city, making his headquarters at the New York Athletic club.—J. C. Vaughan, Chicago, is a visitor this week.

SPRINGFIELD, MO.—As a trade mark, descriptive of its alfalfa, clover, timothy, blue grass, millet grass, blue top, and blue grass seeds, Wood-Beazley Seed Co. has registered the trade mark, "Seegro Brand, Ser. No. 84,472." Use of the term is claimed since December 15, 1914.

COLLECTORS of customs are required to forward to the seed laboratory, United States Department of Agriculture, Washington, D. C., two-ounce samples of each lot of all grass, clover and other forage-plant seeds imported into the United States in conformity with an amendment of the seed importation act of 1912.

THE Fabre line (French) has advanced its freight rates from 25 shillings to 25 shillings plus 10 per cent plus 25 per cent per ton of 1,000 kilos. It begins to look as if there would be some "frills" for the buyers who accept prices f. o. b. French growing stations.

BALTIMORE, MD.—J. Bolgiano & Son are making a very attractive window display of bird houses of all shapes and styles, including wren's bungalows, red and blue birds' open houses, cardinal's corn crib, flicker logs, feeding shelves, etc., artistically arranged throughout the window among plenty of bush and material for making nests. Several dozen canary birds are flying about, earnestly toiling building nests in which to rear their young. The floor is covered with sand upon which are several fountains of water for drinking and bathing. Crowds of people are continuously attracted to the window by this beautiful display and the firm reports sales of the bird boxes very large.

Clover Seed.

Clover seed prices usually advance somewhat during May, but this year the changes have been very slight. The weather conditions have been about perfect for the new crop, and this has made the bulls cautious. On the other hand the period of crop damage is still ahead, and bears are not inclined to sell freely at this stage, even with growing conditions as favorable as they are. From all we can learn the acreage is a liberal average and on present prospects a good-sized crop is indicated.

San Francisco Convention.

S. F. Leonard, chairman of the American Seed Trade Association's transportation committee for the annual convention to be held at San Francisco, Calif., June 22-24, reports that 50 reservations have been made thus far and that 125 are necessary to make up a special train. Mr. Leonard urges members to send in their reservations as early as convenient and to induce as many friends as possible, whether in the trade or otherwise, to join the party. The train leaves Chicago June 12, at 8:05 p. m., via the Santa Fe, Kansas City, June 13, at 9:00 a. m., where any number can join the party if reservations are made before the train starts June 12. Particulars of the programme, itinerary and rates appeared in our issue of April 3, page 590. For reservations and all further information address S. F. Leonard, care of the Leonard Seed Co., 226-230 West Kinzie street, Chicago.

Western Seedsmen's Association.

The annual meeting of the Western Seedsmen's Association was held at the Rome hotel, Omaha, Neb., May 15, with quite a full attendance of members. The general business of the association was transacted during the morning hours. Resolutions were passed touching the loss of Wm. Mitchelhill, of Mitchelhill Bros., St. Joseph, Mo., in the Lusitania disaster, also resolutions expressing appreciation of the great work done in behalf of the association by the late Jesse E. Northrup, of Northrup, King & Co., Minneapolis, Minn., one of the founders of the organization. The former officers were re-elected for the ensuing year: H. A. Johns, Sioux City, Ia., president; C. C. Massie, Minneapolis, Minn., vice-president; M. L. Webster, Independence, Ia., secretary; Henry Windheim, Omaha, Neb., treasurer.

After a family dinner automobiles were furnished by the Nebraska Seed Co. and the J. C. Robinson Seed Co., of Waterloo, and all visited the latter firm's establishment at that place and had a delightful reception at the home of the senior member of the firm.

United States Continues War on Beans.

Another 100 bags of beans have been seized by federal authorities on the charge that 50 per cent are decomposed and unfit for food. These beans were found at a west side warehouse, where they had been shipped by the McDonald Bean Co., Bay City, Mich., consigned to John Sexton & Co.—Chicago Herald, May 6.

MUSCATINE, IA.—J. E. Hoopes & Co. report that they have had a fine spring so far and are busy now planting pepper, egg plant and tomato for their contract seed crops.

BISMARCK, N. D.—Oscar H. Will & Co. are preparing to add an up-to-date greenhouse plant to their seed and nursery business. The location selected will be on Fourth street above their seed store.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Contracting Growers Crop 1915

PEAS, BEANS, CUCUMBER.

Strictly first-class quality.

Alfred J. Brown Seed Co.

Grand Rapids, Mich.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Write for 1915 Contracting Prices.

SUCCESSFUL

Thorburn's Seeds

ON the largest estates; in the smallest gardens. Produced by some of the ablest men in the seed business.

You really would be glad to own a copy of our catalog. Have we your name?

J. M. THORBURN & CO.

In business since 1802

53 Barclay Street, New York

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.

Established 1883.

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds

Baltimore, Md.

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm.

Bristol, Pa.

New Price List of my celebrated Winter-flowering

ORCHID SWEET PEAS

will be out in June. If you are not on our mailing book, send your name and proposal.

ANT. C. ZVOLANEK,

Sweet Pea Ranch, Lompoc, Calif.

James Vick's Sons

Seedsmen

ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also Bamboo Stakes, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

Woolworth Bldg., New York City

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50; 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing.

Cold Storage Valley

BRUNS' CELEBRATED CHICAGO MARKET BRAND, best to be had Valley, giving the best results all year round, $16.00 for 1000; $8.50 for 500; $4.50 for 250; $2.00 for 100.

FLORISTS' MONEY MAKER, best Valley at moderate prices, $14.00 for 1000; $7.50 for 500; $4.00 for 250.

H. N. BRUNS, 3032 Madison St., Chicago

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

GARDEN SEED

BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to

S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.

and Orange, Conn.

Mention the American Florist when writing

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

Mention the American Florist when writing

Before Placing Orders for **SWEET PEAS, Spencers, Grandifloras, etc., ASTERS** and **FLOWER SEEDS** in general; **TOMATO, LIMA** and **POLE BEANS,** write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Waldo Rohnert

GILROY, CAL.
Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of
POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

CHAS. H. TOTTY

MADISON, NEW JERSEY.
Wholesale Florist

Chrysanthemum Novelties My Specialty

GLADIOLUS
Mrs. Francis King

Best, biggest, most effective decorative Gladiolus for Home Gardens and Retail Store Window Work.

A big seller wherever offered for the next 30 days.

Bulbs of our own growing—

	Per 1000
First size, above 1½-in.	$ 9.00
Regular blooming size, nearly 1½-in.	7.00

Every retailer will make money by planting a few thousand.

These flowers sold on the Chicago wholesale market the week of May 10th at $1.50 per doz.

A General stock of all other Gladiolus.

Vaughan's Seed Store
MRS. FRANCIS KING. CHICAGO NEW YORK

THE
J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

S. M. Isbell & Co.,

Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

Bulbs, Seeds, Plants

Try us once and you will come again.
S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

Geraniums

S. A. Nutt and 5 varieties, 2½-in. pots, $3.00 per 100; 3-in. pots, ready, $4.00 per 100.
Vinca, variegated, 4-in. pot, $10 per 100.
Asp. Sprengeri, 2¼ in. pots, $2.00 per 100.
Coleus, 10 varieties, ready, 2½-in. pots, $2.00 per 100.
Alternantheras, yellow, ready, $2.00 per 100.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids.** Special lists on application.

LAGER & HURRELL, Summit, N. J.

Trade Directory

Price: $3.00, postpaid
American Florist Co.,
440 S. Dearborn St., CHICAGO

Spring Specialties

CRAIG QUALITY STOCK

ASPARAGUS PLUMOSUS NANUS

2¼-inch pots........$4 per 100; $35 per 1,000
3- inch pots........$7 per 100; $65 per 1,000
4- inch pots......$12 per 100; $110 per 1,000

ASPARAGUS LUTZI

4-inch pots, heavy,
60c each; $7.50 per doz.; $50 per 100
5-inch pots, heavy,
$1.00 each; $10 per doz.; $75 per 100

ADIANTUM HYBRIDUM

2¼-inch pots........$6 per 100; $50 per 1,000
3- inch pots.......$10 per 100; $90 per 1,000
4- inch pots......................$20 per 100
8- inch pots......................$12 per doz.
11- inch tubs.....................$24 per doz.

DRACAENA STRICTA GRANDIS

2¼-inch pots......................$20 per 100
3- inch pots......................$35 per 100
4- inch pots......................$50 per 100
5- inch and 6-inch pots,
$9, $12. $15, $18 and $24 per doz.

DRACAENA AMABILIS

2¼-inch pots......................$20 per 100
3- inch pots......................$35 per 100
4- inch pots......................$50 per 100
5- inch pots.............$9 and $12 per doz.
6- inch pots............$15 and $18 per doz.

DRACAENA CRAIGII

Small plants, 4-inch pots.............$1 each

DRACAENA MASSANGEANA

4-inch pots........$7.50 per doz.; $50 per 100
6-inch pots..............$15 and $18 per doz.
8-inch pots..............$24 and $30 per doz.
11-inch tubs, very handsome,
$3.50, $4, $5 and $6 each

DRACAENA LORD WOLSELEY

2-inch pots.......................$12 per 100
3-inch pots.......................$25 per 100
4-inch pots.......................$35 per 100
5-inch pots........................$9 per doz.
6-inch pots.......................$12 per doz.

DRACAENA TERMINALIS

2¼-inch pots......................$10 per 100
3- inch pots, strong plants.......$25 per 100
4- inch pots, strong plants.......$35 per 100
5- inch pots.......................$9 per doz.
6- inch pots......................$12 per doz.

DRACAENA BAPTISTII

2¼-inch pots......................$20 per 100
6- inch pots.........$1, $1.25 and $1.50 each

DRACAENA SHEPHERDII

6-inch pots, heavy........$12 and $15 per doz.

DRACAENA GLADSTONEI (Rare)

2¼-inch pots......................$20 per 100
4- inch pots.......................$6 per doz.
5- inch pots.......................$9 per doz.
6- inch pots.......$12, $15 and $18 per doz.

DRACAENA GODSEFFIANA

2¼-inch pots......................$10 per 100
3- inch pots...........$15 and $20 per 100
4- inch pots......................$25 per 100

DRACAENA INDIVISA

5-inch pots.......................$20 per 100

DRACAENA SANDERIANA

2¼-inch pots......................$15 per 100

DRACAENA KELLERIANA

2¼-inch pots......................$12 per 100
3- inch pots......................$20 per 100
4- inch pots......................$35 per 100
7- inch pots, made up..$18 and $24 per doz.

DRACAENA FRAGRANS

4-inch pots.......................$35 per 100
6-inch pots...............$6 and $9 per doz.
8-inch tubs.......................$18 per doz.
10-inch tubs................$2 and $2.50 each
Larger plants..............$4, $5 and $6 each

DRACAENA GUILFOYLEI (Rare)

2¼-inch pots......................$20 per 100
4- inch pots.......................$6 per doz.
5- inch pots.......................$9 per doz.
6- inch pots......................$12 per doz.

DRACAENA TITWORTHII (Rare)

2¼-inch pots......................$20 per 100
4- inch pots.......................$6 per doz.
5- inch pots.......................$9 per doz.
6- inch pots.......$12, $15 and $18 per doz.

DRACAENA ANERLEYENSIS (Rare)

2¼-inch pots......................$25 per 100
4- inch pots......................$50 per 100
5- inch pots.......................$9 per doz.
6- inch pots......................$12 per doz.

DRACAENA IMPERIALIS (Rare)

2½-inch pots......................$20 per 100
4- inch pots......................$50 per 100
5- inch pots.......................$9 per doz.
6- inch pots......................$12 per doz.

DRACAENA MARGUERITE STORY

2¼-inch pots......................$20 per 100

DRACAENA KNERKII

2¼-inch pots......................$20 per 100

DRACAENA SUPERBA

2¼-inch pots......................$20 per 100

PANDANUS VEITCHII

4-inch pots...........$6 per doz.; $45 per 100
5-inch pots........................$9 per doz.
6-inch pots.......................$12 per doz.
7-inch pots...............$18 and $24 per doz.
8-inch pots..........$24, $30 and $36 per doz.

PANDANUS UTILIS

4-inch pots, strong plants..........$25 per 100
6-inch pots, strong plants.$50 and $75 per 100

CROTONS

The Croton, with its highly-colored foliage, is indispensable during spring and summer. We have the largest and most complete collection of Crotons in the world, carrying at the present time for spring sales over 50,000 plants, in over 200 varieties, all of the very highest quality and brilliantly colored.

2½-inch pots, strong plants
$20 per 100; $175 per 1,000
4- inch pots, strong plants,
$30 per 100; $275 per 1,000
5- inch pots, strong plants,
$50, $75 and $100 per 100
6- inch pots, strong plants,
$12, $15, $18 and $24 per doz.
7- inch pots, strong plants,
$24, $30 and $36 per doz.
8- inch pots, made up beautiful plants,
$24, $30 and $36 per doz.
10- inch pots, made up beautiful plants,
$5, $6 and $7.50 each
12- inch and 14-inch tubs, made up
beautiful plants.........$10 and $15 each

SPRING PLANTS

We offer this year an immense stock of Spring plants, all of the same high quality as other Craig specialties.

FICUS UTILIS

A species that came to us through the Botanical Gardens at Washington, D. C., which promises to be a valuable addition as a decorative house plant. The leaves are thick and leathery and are from 18 inches to 24 inches long, one-half as wide, of a rich, holly-green color, with midrib and veins of an ivory white, which stand out prominently.

6-inch pots, 24 inches tall..............$2 each
Larger plants ....$3, $4 and $5 each

FICUS PANDURATA

6-inch pots, 24 inches tall, $2 each. Large plants, $3, $4, $5 each.

	2½ & 3-in. pots Per 100	4-in. pots Per 100
Geraniums—Strong plants, 8 varieties	....	$ 8.00
Scarlet Sage—Zurich	$4.00	8.00
Verbenas—Best strain	4.00	8.00
Snapdragon—Sutton's Prize Winners	....	8.00
Mimulus Triginus—Monkey Flower.	....	8.00
Sweet Alyssum—Little Gem	4.00	....
Lobelia—Light and Dark	4.00	....
Lobelia—Trailing	4.00	....
Lobelia—Double Kathleen Mallard	4.00	....
Phlox—Drummondii	4.00	....
Thunbergia—Black Eyed Susan	4.00	....
Cuphea—Cigar Plant	4.00	....
Ageratum—Little Blue Star	4.00	....
Ageratum—Blue Perfection	....	7.00
Begonias—Luminosa Red	....	8.00
Begonias—Crimson Bedder Red	....	8.00
Cobea Scandens	....	10.00
Moonvines	....	10.00
Zinnias—Five colors	4.00	8.00
Nasturtiums—Yellow and Red	....	7.00
Gaillardia—Double Mixed	....	8.00
Celosia—Sutton's Large Assorted	....	10.00
Lupinus—Best Assorted	....	$ 8.00
Torenia—Blue	$4.00	....
Amaranthus—Red	4.00	....
Calendula—Finest Assorted	....	7.00
Marigold—African	....	7.00
Marigold—French Dwarf	4.00	....
Petunia—California Giant	....	7.00
Petunia—Double	....	8.00
Petunia—Rosy Morn	4.00	7.00
Petunia Star	4.00	7.00
Heliotropes	....	8.00
Flowering Vincas—Three colors	6.00	10.00
Coleus—Five varieties	3.50	....
Coleus—Large Leaf Seedlings	....	8.00
Coleus—Brilliancy	....	15.00
Alternanthera—Red and yellow	3.50	....
Cannas—Eight varieties assorted	....	8.00
Cannas—King Humbert	....	10.00
Cannas—Rosea Gigantea	....	12.00
Lantanas	....	8.00
Fuchsia	....	10.00
Periwinkle—Variegated, heavy	4.00	15.00
Daisies—Marguerite, heavy	....	15.00

ROSES FOR SPRING

We have an unusually large stock of extra strong pot-grown plants in both the Hybrids and Climbers which is much better than field-grown plants for forcing. Place orders early. We will reserve and ship when you want them.

Per 100
Baby Ramblers, 6-inch pots..................$30
Phyllis, 6-inch pots.......................... 35
Orleans, 6-inch pots.......................... 35
Sunburst, 2 years old, 6-inch pots........... 60
Tausendschon, 6-inch pots............$35 and 50
Tausendschon, larger specimens...........
...........75c, $1 and $1.50 each
Juniata, specimens, 7-inch pots............
...........75c, $1 and $1.50 each
Lady Gay, 6-inch pots......$35 and $50 per 100
Dorothy Perkins, 6-inch pots.$35 and $50 per 100
American Pillar, 6-inch pots.$35 and $50 per 100
American Pillar, larger specimens..........
.....................75c, $1.50 and $2 each

HYBRIDS AND TEA ROSES—20 Varieties

Per 100
6-inch pots $35

BOXWOOD

Per 100
12-inch, bush form.........................$25
12-inch, bush form, heavy.................. 30
18-inch, bush form, heavy.................. 75
24-inch, bush form, heavy.........$18 per doz.
Pyramids, 3½ feet to 4 feet tall.........
......................$3, $3.50 and $4 each
Standards, very fine................$2.50 each

NEW SCARLET VERBENA—KARL MULLER

Finest bedding verbena in existence, of the brightest scarlet color.

	Per 100	Per 1000
2½-inch pots	$5	$40
3 -inch pots	7	60

Every grower of spring plants should try this variety.

GARDENIA VEITCHII

These are very strong plants and will make grand stock for winter blooming.

2½-in. pots, heavy......$8 per 100; $75 per 1000
4 -in. pots, heavy....$20 per 100; $180 per 1000
6 -in. pots, heavy, in bud and flower.$9 per doz.
6 -in. pots, heavy, in bud.................
...................$12, $15 and $18 per doz.

ROBERT CRAIG CO., 4900 Market St., Philadelphia, Pa.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

WITH many steamers of the Morgan line and the Porto Rico line tied up by the general strike of deck officers, large quantities of onions are held up at various ports, including Galveston and New Orleans.

LOS ANGELES, CALIF.—The first crate of Imperial Valley cantaloupes of the 1915 crop was started for New York May 14. It will arrive Monday or Tuesday. It is expected the crate of about 45 cantaloupes will bring $20 to $25. Imperial Valley this year will produce between 4,500 and 5,000 cars of cantaloupes.

Prices of Indoor Fruits and Vegetables.

Chicago, May 18.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 15 cents per box; radishes, 75 cents to $1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 75 cents per dozen.

New York, May 18.—Cauliflower, per dozen, $1.50 to $2.50. Cucumbers, 75 cents to $1.00 per dozen; mushrooms, 25 cents to $1.00 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 50 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

New Tomato Rot.

Many carloads of Florida tomatoes have been injured or destroyed during the past few months by a block rot or black speck disease which has been more prevalent this season than heretofore, although known to have occurred in that state to some extent for three or four years. It is reported from some sections that the losses in the fields amounted to 50 per cent and that some large fields were so completely infected as to be almost worthless. In addition to the field losses, tomatoes packed and shipped in an apparently sound condition develop the rot in transit and reach their destination in such condition that they can not be sold as first-class stock. A Denver commission house writes that practically every car that has arrived in Denver this year has shown this disease to quite an extent. The Canadian government inspector reports cars arriving there quite ruined.

The United States department of agriculture has completed and published a technical study of this trouble, extending over three years. It finds that the disease, which will be called the phoma rot, is new and not to be confused with other tomato rots. The fungus causing it is a parasite belonging to a genus which includes several serious fruit and tuber rots and stem blights of other crops, but this particular species appears to occur mainly on tomatoes, though under certain conditions it may attack potatoes. It occurs in the fields, causing black specks on the leaves, stems, and fruit. The fruit spots enlarge and become very black, with pin-point-like pustules filled with spores. Both green and ripe tomatoes are affected, most of the spots usually appearing at the stem end. An important point brought out by this study is that the fungus seems to be unable to attack unmutilated fruit. Some injury, either by insects, bruises, or natural cracks, must be present to permit infection. It is probable that in many instances where there is little or no field infection the tomatoes become injured during harvesting or packing and are infected in the packing houses. It is likely that by more careful handling and the prompt destruction of all infected material the loss during shipment can be reduced. The disease will not develop at a temperature of 44° Fahrenheit, or lower.

White Fly on Tomatoes.

ED. AMERICAN FLORIST:

Please advise remedy to rid greenhouses of white fly. Tomatoes, especially, are affected. W. B.

Connecticut.

The bureau of entomology of the United States department of agriculture recommends hydrocyanic-acid gas, but where the use of this is impossible or for some reason undesirable, sprays are recommended as follows: "Among the sprays, the best brands of whale-oil soap, used in the proportion of one to one and one-half ounces per gallon of water, have been found to destroy all of the white flies except the eggs, a small percentage of the nearly mature pupæ, and from 25 to 50 per cent of the adults which escape the spray by flying from the plants.

"It is not advisable to syringe tomato plants in greenhouses at any time, when avoidable, as syringing interferes with pollination and produces a damp atmosphere which promotes rot, but the injury by syringing may be as nothing compared with that which is caused daily by the insects. When the use of hydrocyanic-acid gas is impractical, an all-night fumigation with a tobacco extract is recommended, followed during the next day by a syringing with a solution of whale-oil soap or its equivalent."

Protecting Seeds Against Pheasants.

By soaking seeds of any kind which are to be planted, overnight, and then sprinkling them with powdered red lead, one teaspoonful to every quart of seeds, the seeds remain uninjured and pheasants will not touch them, according to W. B. Fraser, state game and fish commissioner for Colorado. Every spring he receives complaints from growers that the pheasants eat their seeds and that they are forced to replant two and three times, according to the Denver Post.

According to the commissioner, only market gardeners who are trying to make a living on one or two acres of land are troubled by the pheasants. Each year the department has received complaints from this source and has furnished seeds to the farmers for replanting. This year, instead of seeds, Fraser is supplying complainants with red lead.

FT. WORTH, TEX.—Flower day, May 1, supplanted the annual tag day of the City Federation of Women's Clubs. The women decided the public preferred a pretty flower to a piece of paste-board. Funds obtained from this source support the charity, civic and educational work of the organization.

CHRYSANTHEMUMS

50,000 rooted cuttings and plants from soil
Leading market sorts. Write for prices.
William Swayne, Kennett Square, Pa.

CABBAGE PLANTS

Early and late Flat Dutch All Head, Wakefield, early and late Drumhead, Danish Ball Head and other varieties 30c per 100, by Parcel Post. By Express 75c per 500; $1.00 per 1000; 10,000 and over, 85c per 1000.
Beet Plants, 75c per 500; $1.25 per 1000.
Cash with order. Send for list of varieties.
R. VINCENT, JR. & SONS CO., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.
THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price $1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street. Chicago.

Watch for our Trade Mark stamped on every brick of
Pure Culture Mushroom Spawn
Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address
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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.
Progressive florists recognize the growing importance of a knowledge of landscape art.
We also offer a practical course in Floriculture, including Greenhouse Construction and Management.
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HENRY METTE, Quedlinburg, Germany

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas, Radishes, Spinach, Turnips Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious, Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. ceda tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub. 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00

	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

Mention the American Florist when writing

Chrysanthemums

R. C., $1.50 per 100; $12.00 per 1000, prepaid.

Stevia, R. C., $1.00 per 100; $8.00 per 1000, prepaid.

Coleus, R. C., 70c per 100; $6.00 per 1000, prepaid.

Salvias, R. C., $1.00 per 100; $8.00 per 1000, prepaid: strong 3-in., 4c.

Verbenas, strong 2¼-in., $2.50 per 100; $20.00 per 1000.

See May 1st issue.

C. HUMFELD, Clay Center, Kansas

Mention the American Florist when writing

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

Mention the American Florist when writing

GERANIUMS

Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and **Buchner**	$10 00	per 1000
Ricard and **Poitevine**	12 50	" "
Asparagus Plumosus	25 00	" "
Smilax	12 50	" "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

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Trade Directory

Price $3.00 Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

SPECIAL

A WITTBOLD Boston Fern—30 inches high, in a substantial, self-watering, wooden tub—at the special price of $1.00.

Just the thing for porch, sun-parlor or out-door decoration—this combination is a big retail value at from $2.00 to $2.50.

The price to you is only $1.00.

HOW MANY CAN YOU DISPOSE OF?

Write, wire or phone today.

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CATALOGUES AND PRICE LISTS FREE ON APPLICATION

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BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	$1 00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½,ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

TRENTON, MO.—L. G. Miller has purchased three acres of land here and will establish a nursery.

WHITE PLAINS, N. Y.—The Moon Nursery Co. has been incorporated with a capital stock of $25,000.

BOGALUSA, LA.—The Bogalusa Nursery & Floral Co. has been organized with Walter Statter, landscape gardener in charge.

ANNAPOLIS, MD.—F. W. Hambruck, Ridge avenue, will conduct a nursery business here, representing a Pittsburgh, Pa., firm.

HOUSTON, TEX.—A plan has been formulated to organize a system of city parks and work will begin immediately under the supervision of Park Superintendent C. L. Brock.

UTICA, N. Y.—Rev. Edward P. Powell, formerly of Clinton, known as a prominent fruit raiser, is dead at Sorrento, Fla., where he had lived three years. He was 82 years old.

CENTRAL ISLIP, N. Y.—About 250,000 pine and fir trees will be planted by the conservation commission, which has made arrangements to use some of the state ground for cultivation of trees.

JEFFERSON CITY, MO.—Ten thousand fruit trees donated by Stark Bros. Nurseries & Orchards Co., Lousiana, Mo., have been planted along roads leading out of this city and on school grounds.

EAST ST. LOUIS, ILL.—Thomas A. Bean, nurseryman, near Dahlgren, Ill., was brought here May 11 for trial, accused by United States authorities of using the mails to defraud in ordering plants and supplies for which he failed to pay.

FARMERS' bulletin No. 662, entitled The Apple-Tree Tent Caterpillar, has been issued by the United States department of agriculture, Washington, D. C. Spraying with arsenicals is recommended as a method of destroying the pest.

ST. JOSEPH, MICH.—Thousands of oil burners were aglow the night of May 17 in the vineyards and orchards of the fruit belt as protection against a probable killing frost which threatens $1,000,000 damage. A frost through the grape district of Van Buren county around Paw Paw and Lawton a few nights ago inflicted a loss of $250,000.

Early Lilacs.

Two Chinese lilacs Syringa affinis, with white flowers, and the lilac-colored form of this species, var. Giraldii, are already in flower in the lilac group. The white-flowered form is largely cultivated in the gardens of Pekin, and the variety comes from the Province of Shensi. The flowers of these two lilacs are fragrant and beautiful, but their open and irregular habit of growth is not attractive. They are certainly valuable, however, for the earliness of their flowers.—Arnold Arboretum Bulletin, May 13, 1915.

Nursery Stock Quarantine Act Amendment

Regulation 6 of the rules and regulations of the secretary of agriculture is hereby amended, effective immediately, by striking out the first sentence in the second paragraph and inserting in lieu thereof the following:

Nursery stock, except orchids and tree seeds, from countries which do not maintain nursery-stock inspection, will be admitted into the United States only for experimental purposes and in limited quantities, under special permit through ports designated therein. (See regulation 5.) Orchids and tree seeds may be imported from such countries in commercial quantities under special permit.

D. F. HOUSTON,
Sec'y of Agriculture.

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BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
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Nursery Stock, Conservatory and Greenhouse Plants.
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California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
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HEDGE PLANTS
I still have on hand a hundred thousand California Privet, 2 to 3 feet and 3 to 4 feet; fine stock at low prices. Also a few thousand Amoor Privet, 1½ to 2 feet and 2 to 3 feet.
Contracts solicited for California Privet, Amoor Privet and Berberis Thunbergii in car lots for fall delivery.
J. T. LOVETT,
Monmouth Nursery
LITTLE SILVER, - N. J.

Roses From 2½-inch pots

Grown to plant—not to sell. Surplus over our own planting requirements. Not rooted cuttings, but established plants from 2½-in. pots.

Ramblers and Climbers

	Per 1,000
American Pillar—Pink, clear white eye, yellow stamens, single flower	$30.00
Baltimore Belle—Blush white	25.00
Crimson Rambler	25.00
Climbing American Beauty	50.00
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Queen of the Prairies—Rosy red	25.00
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Blanche Moreau—White	$35.00
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Gruss an Teplitz—Rich scarlet	$30.00
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Aldred Colomb—Crimson	$35.00
Anne de Diesbach—Pink	35.00
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Coquette des Alps—Blush white	35.00
Coquette des Blanches—Creamy white	35.00
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M. P. Wilder—Crimson	35.00
Mme. Georges Bruant—Hybrid rugosa, white	35.00
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Mme. Plantier—White	30.00
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COLD STORAGE

This Stock Always in Demand.
FILL YOUR EMPTY BENCHES.

	No. in case	Per 100	Per 1000
Giganteum, 7- 9 inch,	100	**$6.00**	
Giganteum, 7- 9 inch,	300		**$53.00**
Giganteum, 8-10 inch,	225		**75.00**
Giganteum, 9-10 inch,	200		**90.00**
Valley, (best grade)			**16.00**

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READY NOW. READY NOW.

500,000 Superb Strain

PANSIES

Field-grown, in bud and bloom. This strain is the result of twenty years of careful breeding, and is absolutely the best for commercial purposes. Price: $1.25 per 100; $10.00 per 1000. Some extra large plants, $15.00 per 1000.

Vinca Var., out of 4-in. pots, $10.00 and $12.50 per 100
Geraniums, out of 3½-in. pots..... 7.00 per 100
Salvia Splendens, out of 3½-in. pots. 5.00 per 100

Cash. By express only.

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Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
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2½-in. Rose Plants

GOOD STOCK

Pink Killarney, White Killarney and Richmond at $3.00 per 100; $25.00 per 1000.

2-yr. old Asparagus Plumosus Clumps from bench, $3.00 per 100; $25.00 per 1000.

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162 N. Wabash Ave., Chicago.

For the Best New and Standard

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Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
White Killarney	$4.00	$35.00	Maryland	$4.00	$35.00
Mrs. Aaron Ward	4.00	35.00	Sunburst	4.00	35 00
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CHOICE 3½-IN. PLANTS.

Sunburst.....$6.00 per 100; $50.00 per 1000

Specify Plants When Ordering.

Peter Reinberg, 30 E. Randolph St., Chicago

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Our stock is exceptionally fine this season and is the best that you can get anywhere for the money. Select what you want from the following list and let us have your order as early as possible. The early buyer usually gets the pick of the cream, but that is not the case here for all of our stock is of uniform quality and everybody is treated alike until the supply is exhausted. Get busy. Order now.

WHITE	100	1000
Smith's Advance	$2 00	$15 00
October Frost	2 00	15 00
Virginia Poehlmann	2 00	15 00
Alice Salomon	3 50	30 00
Noamah	3 00	25 00
Alice Byron	2 00	15 00
Chas. Razer	2 00	15 00
Lynwood Hall	2 00	15 00
YELLOW		
Chrysolora	2 00	15 00

YELLOW	100	1000
Ramapo. Roman Gold	$2 00	$15 00
Nagoya	2 50	20 00
Yellow Eaton. Golden Glow	2 00	15 00
PINK		
Amorita	2 00	15 00
McNiece	2 50	20 00
Dr Enguehard	2 50	20 00
CRIMSON		
Shrimpton	2 00	15 00

J. D. THOMPSON CARNATION CO., Joliet, Ill.

If you are short of Blooming Plants, such as

Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,

Wire your order to

GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

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Exceptionally fine stock in the following shapes and sizes:

Bushes, 10-in.	25c, $3.00 per doz.
Bushes, 12-in.	30c, 3.60 per doz.
Bushes, 12-in. extra heavy, 10 in wide,	40c, $4.80 per doz.
Bushes, 15-in.	50c, $6.00 per doz.
Bushes, 18-in.	$1 00 each
Bushes, 24-in.	1.25 each
Bushes, 2½-ft., extra special	3.00 each
Bushes, 3½-ft., extra special	6.00 each
Pyramids, 30-in.	2.00 each
Pyramids, 36-in.	3.00 each
Pyramids, 3½-ft.	3.50 each
Pyramids, 4-ft.	4.00 each
Pyramids, 5-ft.	6.00 each
Pyramids, 6 ft.	12.00 each
Standards, 2-ft. stem, 12-15 in crown	$2.00
Standards, 2-ft., 18-24-in. crown	$3.00 each
Globe, 12 in.	1 75 each
Globe, 15-in.	3.00 each
Globe, 18-in.	5.00 each
Standard Globes, 16-in. heads	3.00 each
Globe, 24-in.	6.00 each

Bay Trees.

3 ft. stem, 30-in. crown	$10.00 each
18-in. stem, 32-in. crown	10.00 each
4-ft. stem, 30-in. crown	10.00 each
4-ft. stem, 36-in. crown	12.50 each
4-ft. stem, 42-in. crown	15.00 each

Cyclamen.

Pure White; Grandif. Alba; White, carmine eye; Excelsior, white, red eye; Glory of Wandsbek, 3-in. pots, ready now, 8c each. Wonder of Wandsbek, Rose Von Marienthal, Brilliant Red, Bright Red, Dark Red, Rosy Morn, for June delivery, in 3-in. pots, 8c each.

Cyclamen.

Seedlings, Transplanted.—Mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl.....$4.00 per 100

Coleus.

Assorted, 2-in.	$2.50 per 100
Yellow Pfitzer	2.50 per 100

Single Petunias.

3-inch.....$6.00 per 100

Aucuba Japonica.
15-in., 60c each; 2-ft., $1.00 to $1.25 each

Laurus Cerasus.
75c to $1.00 each.

Mahonia Bushes.
18 to 24 inches, 50c each

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A Few Good Things You Want.

Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, **Perkins,** Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $15.00; 5-in., $25.00 per 100.
Rex Begonia 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100:

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154 N. Wabash Ave., CHICAGO

Mention the American Florist when writing

Forcing Roses

Clean, Healthy, Vigorous Stock.

	Per 100	Per 1000
Hoosier Beauty, grafted, strong, 3 inch	$35.00	$300.00
Russell, " " "	15.00	125.00
Sunburst, " " "	12.00	100.00
Ophelia, " " "	15.00	130.00
Hadley, " " "	15.00	120.00
Milady, " " "	12.00	110 00
Mrs. Geo. Shawyer, " " "	12.00	110.00
Aaron Ward, " " "	12.00	110.00
Killarney, " " "	12.00	110.00
White Killarney, " " "	12.00	110.00
Killarney Brilliant, " " "	12.00	110 00
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SUNBURST, the King of Yellow Roses, Own Root	9.00	85.00

Special attention given on stock for forward delivery.

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Greenhouses, Western Springs, Ill.

Roses

Specially priced stock list 2½ and 4 in.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000, Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1000. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

STRONG, WELL-ROOTED CUTTINGS.

	Per 100.	Per 1000.
P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

DAVIS FLORAL CO., DAVENPORT, IA.

Alternantheras, yellow, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

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Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria excelsa, fine stock, Robusta compacta, large plants, $1.50 to $2 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri, 2¼-in., $2.50 per 100; $22 per 1,000; 3-in., $5 per 100; $48 per 1,000; 4-in., $10 per 100; $98 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus nanus, 2¼-inch, $4 per 100; $35 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $110 per 1,000. Lutzi, 4-in., heavy, 60c each; $7.50 per doz.; $50 per 100; 5-in., $1 each; $10 per doz.; $75 per 100. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

ASPARAGUS PLUMOSUS—Excellent 3-inch established plants, $4.50 per 100. SPRENGERI, extra heavy long sprays, 4-inch, $6 per 100; 3-inch, fine, thrifty and bushy, $4 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

Asparagus plumosus, 2-year-old from bench, $3 per 100; $25 per 1,000. Geo. Reinberg, 162 N. Wabash Ave., Chicago.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

ASTERS

ASTERS, Semple's and Early Branching, separate colors or mixed, shipped prepaid, 100, 45c; 1,000, $2.75. GLICK SEED AND PLANT FARM, Smoketown, Pa.

BAY TREES.

Bay trees, 3-ft. stem, 30-in. crown, $10 each; 18-in. stem, 32-in. crown, $10 each; 4-ft. stem, 30-in. crown, $10 each; 4-ft. stem, 36-in. crown, $12.50 each; 4-ft. stem, 42-in. crown, $15 each. The Geo. Wittbold Co., 737-39 Buckingham Place, Chicago.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEDDING PLANTS.

Bedding plants: Ageratums, alyssum, asparagus, begonias, cannas, centaureas, coleus, cupheas, dracænas, fuchsias, funkias, geraniums, heliotropes, lantanas, marguerites, pansy plants, petunias, rudbeckias, salvias, verbenas, Vincas. For varieties and prices see advertisement elsewhere in this issue. Alonzo J. Bryan, Washington, New Jersey.

Bedding plants: Geraniums, scarlet sage, verbenas, snapdragons, sweet alyssum, lobelia, phlox, thunbergia, cuphea ageratum, begonias, cobea scandens, moonvines, zinnias, nasturtiums, gaillardia, celosia, lupinus, torenis, calendula, marigold, petunia, heliotrope, vincas, coleus, alternantheras, cannas, lantanas, periwinkle, daisies. For prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia.

Bedding plants: Alternantheras, alyssum, ageratum, begonias, Cobæa scandens, coleus, caladiums, dusty miller, Dracæna indivisa, geraniums, rose geraniums, pansy geraniums, heliotrope, English ivy, German ivy, lobelias, marguerites, marigolds, pansies, primulas, phlox, petunias, ricinus, salvias, smilax, torenia, Vincas, verbenas, Wandering Jew. For prices see double page advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding stock: Fuchsias, alyssum, swainsona, achyranthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. Begonia Melior, $25 per 100; $200 per 1,000. Strong young plants from leaf cuttings, May and June delivery. Secure your stock from the originators. Quality is our aim. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

BEGONIAS, single tuberous begonias, separate colors, red, white, pink, yellow; one-inch diameter; fine condition. Will make beautiful pot plants for summer sales. Speak quick if you want them. Price $1 per 100, postpaid. THE TEMPLIN-CROCKETT-BRADLEY CO., Sta. A, Cleveland, O.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. J. A. Peterson & Sons, Cincinnati, Ohio.

BOXWOOD.

Boxwood—Bushes: 10-in., 25c each; $3 per doz.; 12-in., 30c each; $3.60 per doz.; 12-in., extra heavy, 10 ins. wide, 40c each; $4.80 per doz.; 15-in., 50c each; $6 per doz.; 18-in., $1 each; 24-in., $1.25 each; 2½-ft., extra special, $3 each; 3½-ft., extra special, $6 each. Pyramids: 30-in., $2 each; 36-in., $3; 3½-ft., $3.50; 4-ft., $4; 5-ft., $6; 6-ft., $12. Standards: 2-ft. stem, 12-15-in. crown, $2 each; 2-ft. stem, 18-24-in. crown, $3. Globe: 12-in., $1.75 each; 15-in., $3 each; 18-in., $5 each. Standard globes, 16-in. heads, $3 each. Globe, 24-in., $6 each. The Geo. Wittbold Co., 737-39 Buckingham Place, Chicago.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15-in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS—PYRAMIDS, broad, heavy, uniform specimens: 2 ft., $2.25 each; 2½ ft., $2.75 ea.; 3 ft., $3.25 ea.; 4 ft., $4.50 ea.; price includes tubs, f. o. b. Dundee. BUSH SHAPE—heavy, 12-in. balled, 35c ea.; 14-in., balled, 40c ea.; 16-in., balled, 45c ea. THE D. HILL NURSERY CO., Inc., Box 404, Dundee, Illinois.

BOXWOOD.

Boxwood, 12-inch, bush form, $25 per 100; 12-inch, heavy, $30; 18-inch, $75; 24-inch, $18 per doz. Pyramids, 3½ feet to 4 feet tall, $3, $3.50 and $4 each. Standards, $2.50 each. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Boxwoods, extra fine stock. Write for list and prices. Vaughan's Seed Store, Chicago and New York.

BULBS.

Bulbs, lilies, cold storage, giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

FISHER'S PURITY FREESIA BULBS. Large stock; prices right. Place your orders now. CURRIER BULB CO., P. O. Box 102, Seabright, Calif.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs. S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000: King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc Improve, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, 3-inch, large plants, King Humbert, F. Vaughan, Wallace, Kate Gray and Express, $5 per 100. Cash, please. Harry Heinl, West Toledo, Ohio.

CANNAS, 3-inch, large plants, King Humbert, Gustav Gumper, Wallace, Kate Gray and Express, $5 per 100. Cash, please. HARRY HEINL, West Toledo, Ohio.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Cannas, 10 vars., 3 and 4-in. pots, $3.50 per 100; King Humbert, $5 per 100. Jos. H. Cunningham, Delaware, Ohio.

CARNATIONS.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY,
MADISON, N. J.

Rose Pink and Light Pink Enchantress, 2¼-inch pots, strong plants, $2.50 per 100; $22.50 per 1,000. Cash, please. M. HILPERT, Station O313, Belair Road, Baltimore, Md.

Carnations. Wood Bros., Fishkill, N. Y.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Bonnaffon, yellow	2.00
Chas. Razer, white	2.00
White Bonnaffon, white	2.00
Dr. Enguehard, pink	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Agloi, variegated	2.00
H. Hicks, brown	2.00

WIETOR BROS.,
162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
Golden Glow	2.00	15.00
Yellow Eaton	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

FROM OUT-DOOR STOCK PLANTS.

$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton
7000 White F. Pullman
7000 Yanoma (late white)
2000 C. Touset
7000 Silver Wedding
2000 Major Bonnaffon
5000 Higinbotham, pink
2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

Chrysanthemums, rooted cuttings: Robt. Halliday, Nagoya, Yellow Bonnaffon, Dr. Enguehard, Charles Razer, T. Eaton, Early Snow, $1.25 per 100; $11 per 1,000. White and Yellow Chadwick, $2 per 100; $18 per 1,000. Mrs. Beu, Pretoria, Emile, Zenobia, Diana, Yellow Baby, $2 per 100; $15 per 1,000. Cash, please. JAMES PSENICKA, Gross Point, Ill.

FROM OUT-DOOR STOCK PLANTS.

ROOTED CUTTINGS ONLY—Immediate delivery October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUMS.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COLEUS.

COLEUS, beautiful red foliage variety, 3-inch, $3 per 100; 2-inch, $2 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Coleus, assorted, 2-in., $2.50 per 100. Yellow Pfitzer, $2.50. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Coleus, 10 vars., 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

Crotons, 50,000 plants in over 200 varieties. See sizes and prices elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

CYCLAMEN.

Cyclamen giganteum, 3-inch pots, $10 per 100. J. A. Peterson & Sons, Cincinnati, Ohio.

Cyclamen seedlings, transplanted, mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl, $4 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River Street, Chicago, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

Cyclamen, pure white, grandiflora alba, white carmine eye, excelsior, white, red eye, Glory of Wandsbek, 3-in. pots, 8c each; ready now. Wonder of Wandsbek, Rose Von Marienthal, Brilliant red, bright red, dark red, Rosy Morn, for June delivery, 3-in., 8c. Seedlings, transplanted, mixed, Wm. Buckston (Prince of Wales), Princess May, Pink Pearl, $4 per 100. The Geo. Wittbold Co., 737-39 Buckingham Place, Chicago.

CYCLAMEN GIGANTEUM. For several years we have been working for the improvement of the cyclamen; we offer for present delivery, thrifty young plants from 2-inch pots, giant white, white-pink eye, giant pink, dark red, brilliant red, at $5 per 100. GLORY OF WANDSBEK (brilliant salmon), at $8 per 100. These are plants produced from our own improved strain. J. A. PETERSON & SONS, Westwood, Cincinnati, Ohio.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

DRACAENAS.

Dracænas, stricta grandis; D. amabilis, D. Craigii, D. Massangeana, D. Lord Wolseley, D. Terminalis, D. Baptistii, D. Shepherdii, D. Gladstonei, D. Godseffiana, D. indivisa, D. Sanderiana, D. Kelleriana, D. fragans, D. Guilfoylei, D. Titworthii, D. Anerleyensis, D. imperialis, D. Marguerite Story, D. Knerkii, D. Superba. For sizes and prices see advertisement elsewhere in this issue. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna indivisa, 3-in., $5; 4-in., $15; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EVERGREENS.

WHITE PINES.

Magnificent specimens, several times transplanted; 10-12 ft., $9 each; 12-15 ft., $11.50 each; 15-18 ft., $15 each. All balled and burlapped. Strictly nursery grown.

D. HILL NURSERY CO., INC.,
Evergreen Specialists.
Box 404. DUNDEE, ILL.

FERNS.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston, 30 inches high, $1. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FICUS.

Ficus utilis, 6-in., 24 inches tall, $2 each; larger plants, $3, $4 and $5 each. Pandurata, 6-in., 24 inches, $2 each; larger plants, $3, $4 and $5 each. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-in., fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

GERANIUMS, Buchner, white, 4-inch, bud and bloom, 8c; 2½-inch, bud and bloom, 3c. All good stocky plants. Beaute Poitevine, Ricard, Viaud. 2½-inch, 3c. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, S. A. Nutt, $10 per 1000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 1,000 4-in. mixed, in bud and bloom, fine plants at 7c. Call 4523 Addison St., 3 blocks west of Milwaukee ave., Chicago.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12½ each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLUS.

Gladiolus, Mrs. Francis King, 1st size, above 1½-in., $9 per 1,000; regular blooming size, nearly 1½-in., $7 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, wild smilax, $2.50 per case. Natural and perpetuated moss. Caldwell The Woodsman Co., Evergreen, Ala.

Greens, wild slimax, $2.50 per case. Natural and perpetuated moss. Edward A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

IVIES.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

LILY OF THE VALLEY.

From Storage.

Lily of the valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $8.50 for 500; $4.50 for 250; $2 per 100. Florists' Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

	Per 100
Nierembergia, out of 4-in., 2-yr.-old	$8.00
Nierembergia, out of 3-in., 2-yr.-old	6.00
Hardy English ivy, out of 4-in., 3, 4 and 5 plants, 5 ft. long	8.00
Hardy English ivy, out of 3-in., 3 plants to a pot	4.50
Variegated English ivy, 2-2½-in. pots	4.00
Ampelopsis Veitchii, strong, out of 3-in.	4.50
Lobelia, blue, out of 2½-in.	3.00
French marigolds, 3-in.	3.00
Parlor ivy, out of 3-in.	3.00
Cuphea, out of 3-in.	3.00
Mme. Salleroi, 2½-in.	3.00
Tradescantia, brown and green, 2½-in.	2.50
Single petunias, 3-in.	3.00
Clematis paniculata, out of 2½ and 3-in., 2-yr.-old	4.00
Clematis seedlings, 2-yr.-old	1.00

S. V. Smith, 3323 Goodman St., Philadelphia.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

8-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

8-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$ 0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7.	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28 ..	$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens, 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PALMS.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

Kentia Seed, Forsteriana and Balmoreana. McHutchison & Co., 17 Murray St., New York.

PANDANUS.

Pandanus Veitchii, 4-in., 50c; 5-in., 75c; 6-in., $1.25 to $1.50; 7-in., $2 to $2.50. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 4-in., $6 per doz.; $45 per 100; 5-in., $9 per doz.; 6-in., $12 per doz.; 7-in., $18 and $24 per doz.; 8-in., $24, $30 and $36 per doz. Pandanus utilis, 4-in., $25 per 100; 6-in., $50 and $75 per 100. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

PANSIES.

Pansy plants, best strain, giant fall transplanted, in bud and bloom; just nice size plants, $12 per 1,000; any quantity same rate. Cash, please. Taylor's Truck Gardens, 217 Judson St., Elmira, N. Y.

Pansies, field-grown in bud and bloom, $1.25 per 100; $10 per 1,000; extra large plants, $15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crouse. Festiva Maxima. M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional Florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

Primula Veris, 2¼-in., in bloom, $2.50 per 100; Shasta daisy, 2¼-in., $2.50 per 100; Coreopsis, 2¼-in., $2.50 per 100; Phlox, 2½-in., $4 per 100; Aquilegia, California hybrids, $3 per 100; Delphinium, Chinese, $2.50 per 100; Delphinium Bella Donna, Gold Medal, $3 per 100; Pinks, $3 per 100; Napoleon III, Carnation, $4 per 100; Lychnis Chalcedonica, $3 per 100; Oriental Poppy, hybrids and red, in pots, $3 per 100. Hollyhocks, separate colors, double, and hollyhocks, mixed single, $2 per 100; Digitalis, strong, August sown plants, $1.50 per 100; Sweet Williams, clumps, $4 per 100; Shasta daisies, Tritomas, Campanulas, Baby Breath, Pentstemon, Asters, strong August sown plants, $1.50 per 100; Anthemis Daisy, clumps, $4 per 100; Coreopsis, clumps, $4 per 100; Phlox, clumps, $4 per 100. Cash please. ERNEST ROBER, Wilmette, Ill.

SWEET WILLIAMS, giant flowered, mixed, 2-year-old, heavy, 6c each. Hardy Carnations, 2-year, 7c. Cash, please. George Popp, Jr., Fort Recovery, Ohio.

PETUNIAS.

Petunias, white Dorothy, finest white, splendid for cut for funeral work, 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small	$4.00 per 100
1-year, medium	6.00 per 100
1-year, strong	8.00 per 100
1-year, extra strong	10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery.

ERNEST ROBER, WILMETTE, ILL.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RESURRECTION PLANTS.

MEXICAN RESURRECTION PLANTS, large, 100 prepaid for $2; 1,000, $15. Also in handsome cartons making unequaled florists' souvenir.

CACTI, 3 to 5 inches high, good bloomers, quick sellers, 100 for $6. LESTER CO., Box 55, Mesilla Park, N. M.

ROSES.

FORCING ROSES.

Grafted strong 3-inch.

	Per 100	Per 1,000
Hoosier Beauty	$35.00	$300.00
Russell	15.00	125.00
Sunburst	12.00	100.00
Ophelia	15.00	130.00
Hadley	15.00	120.00
Milady	12.00	110.00
Mrs. Geo. Shawyer	12.00	110.00
Aaron Ward	12.00	110.00
Killarney	12.00	110.00
White Killarney	12.00	110.00
Killarney Brilliant	12.00	110.00
Richmond	12.00	110.00
Sunburst, own root	9.00	85.00

VAUGHAN'S SEED STORE.
CHICAGO, NEW YORK.

GRAFTED PLANTS.

Choice young stock in large 2½-inch pots, ready to shift into 4-inch or plant direct in the benches and all grafted on selected English manetti:

OPHELIA, per 100 ..... $12.00
PINK KILLARNEY, per 100 .... 10.00
RICHMOND, per 100 ..... 10.00

BULGARIA, 4-INCH, PER 100, $8.00. EXCEPTIONALLY FINE PLANTS FOR EITHER GROWING IN THE GREENHOUSES OR PLANTING IN THE GARDEN, FOR THEY ARE SO LARGE THAT THEY ARE ALMOST READY TO BLOOM.

BENCH PLANTS.

We are now replanting and can offer good two-year-old stock fresh dug every few days. Beauties, Pink and White Kilarney at $5 per 100, in lots of not less than 100, any one variety. All plants shipped from Hinsdale.

BASSETT & WASHBURN,
131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson, The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	7.00	60.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO

Guaranteed strong, healthy plants—big value for the money.

	100	1,000
2,000 White Killarney, 2½-inch	$4.00	$35.00
6000 Pink Killarney, 2½-inch	4.00	35.00
3,000 Sunburst, 2½-inch	4.00	35.00
1,000 Richmond, 3½-inch	5.00	40.00
600 Sunburst, 3½-inch	5.00	40.00

Cash with order, please.

ADAM ZENDER,
6638 Ridge avenue, Chicago, Ill.

Roses, choice 2½-inch plants: White Killarney, Mrs. Aaron Ward, Maryland, Sunburst, $4 per 100; $35 per 1,000. Beauties, $5 per 100; $40 per 1,000. Choice 3½-inch plants: Sunburst, $6 per 100; $50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

Richmond, White Killarney, Pink Killarney, Radiance, A-1 stock, 2¼-in., $35 per 1,000. L. B. CODDINGTON, Murray Hill, N. J.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

ROSES.

ROSES from 2½-inch pots.
Grown to plant—not to sell. Surplus over our own planting requirements. Not rooted cuttings, but well established plants from 2½-inch pots.

RAMBLERS & CLIMBERS

	Per 1,000
American Pillar—Pink, clear white eye, yellow stamens, single flower	$30.00
Baltimore Belle—Blush white	25.00
Crimson Rambler	25.00
Climbing American Beauty	50.00
Dorothy Perkins—Shell pink	25.00
Excelsa—Red Dorothy Perkins	30.00
Philadelphia—Red	25.00
Queen of the Prairies—Rosy red	25.00
Sodonia—Bright red	30.00
Tausendschon (Thousand Beauties)	25.00
Trier—Creamy white	25.00
Veilchenblau—Violet blue	25.00
White Dorothy Perkins—Pure white	25.00

DWARF POLYANTHA OR BABY ROSES

Anny Muller—Cerise pink	$30.00
Baby Rambler (Mme. N. Lavavasseur), Crimson	27.50
Jessie—Clear glowing red	27.50
Orleans—Geranium pink	25.00
Yvonne Rabier—White	27.50

MOSS ROSES

Blanche Moreau—White	$35.00
Crimson Globe—Crimson	35.00
Princess Adelaide—Pink	35.00

TEAS AND HYBRID TEAS

Gruss an Teplitz—Rich scarlet	30.00
Mamon Cochet—Coral pink	30.00
Yellow Soupert—Yellow	27.50

HYBRID PERPETUALS

Aldred Colomb—Crimson	$35.00
Anne de Diesbach—Pink	35.00
Conrad F. Meyer—(hybrid Rugosa white)	35.00
Coquette des Alps—Blush white	35.00
Coquette des Blanches—Creamy white	35.00
General Washington—Deep red	35.00
J. B. Clark—Deep scarlet	40.00
John Hopper—Rosy pink	35.00
Marchioness of Lorne—red	35.00
M. P. Wilder—Crimson	35.00
Mme. Georges Bruant—Hybrid rugosa white	35.00
Mme. Gabriel Luizet—Silvery pink	35.00
Mme. Plantier—White	30.00
Mrs. R. G. S. Crawford—Pink	35.00
Oakmont—Peach pink, free flowering	35.00
Prince Camille de Rohan—Deep maroon	35.00

JACKSON & PERKINS COMPANY
NEWARK, NEW YORK

Roses for spring: Baby Rambler, 6-in., $30 per 100. Phyllis, 6-in., $35. Sunburst, 2-year, 6-in., $60. Orleans, 6-in., $35. Tausendschon, 6-in., $35 and $50; larger specimens, 75c to $1.50 each. Juniata, 7-in., 75c to $1.50 each. Lady Gay, 6-in., $35 to $50 per 100. Dorothy Perkins, 6-in., $35 to $50 per 100. American Pillar, 6-in., $35 to $50 per 100; larger specimens, 75c to $2 each. Hybrids and teas; 20 varieties, 6-in., $35 per 100. Robert Craig Co., 4900 Market St., Philadelphia, Pa.

ROSE BARGAIN

1,000 bench plants of Prince de Arenberg, one-year-old, own root, now ready to sell. Price $60 for the lot. Answer quick.

BASSETT & WASHBURN,
131 North Wabash Ave. Chicago.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

SALVIAS.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvias, Bonfire and Splendens, fine stock, 2¼-inch, 2½c. Cash with order. Gus Schlegel, Olney, Ill.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

SEEDS.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

Vegetable plants, Big Boston, Grand Rapids lettuce plants, $1.50 per 100. Cabbage: Early Winningstadt, Wakefield, Henderson Early Summer, etc., $2.50 per 1,000. Cauliflower: Early Paris, Snowball, $5 per 1,000. Tomato: Earliana, Jewell, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2.25 per 1,000. Pepper, egg plant, sweet potato, etc. Alonzo J. Bryan, Washington, New Jersey.

Vegetable plants, cabbage: Early and Late Flat Dutch, All Head, Wakefield, Early and Late Drumhead, Danish Ball Head and other varieties, 30c per 100 by parcel post; by express, 75c for 500; $1 per 1,000; 10,000 and over 85c per 1,000. Beet plants; 75c per 500; $1.25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VEGETABLE PLANTS, all varieties delivered to you prepaid. Cabbage, Lettuce, Beet, 100, 30c; 1,000, $1.25; 10,000, $10. Cauliflower, S. Potato, 100, 30c; 400, $1; 1,000, $2.25; 5,000, $10. Celery, Pepper, Tomato, Egg Plant, Asters, Pansies, etc. Catalogue. GLICK SEED AND PLANT FARM, Smoketown, Pa.

TOMATO PLANTS, transplanted stocky plants, Chalk's Early Jewel, Bonny Best, Atlantic Prize, Earliana and Stone at 50c per 100; $4.50 per 1,000; in lots of 5,000 or more, at $4 per 1,000. Cash with order. West Hill Greenhouses, Wm. Schwan & Son, Fredonia, N. Y.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready now, $2 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

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Verbenas, mammoth, good 2¼-inch plants, 2c. Cash with order. Gus Schlegel, Olney, Ill.

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Extra strong 3-inch Vinca Vines; this week only; fine stock at $4.75 per 100, or $45 per 1,000. Cash with order. John Bauscher, 104 Chicago St., Freeport, Ill.

Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heinl, West Toledo, O.

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Vincas, Var., 4-inch, good plants, $10, seconds, $8 per 100; 5-inch, extra, $16 per 100. Cash with order. George Bischoff, Ann Arbor, Mich.

Vinca Variegata, 2½-inch, $3; 3-inch, $6; 4-inch, $12 per 100. A. Henderson & Co., 369 River St., Chicago.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca var., 4-in. pots, $10 per 100. Jos. H. Cunningham, Delaware, O.

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VIOLET CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

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Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Hemingway spray materials: Pure Paste Lead Arsenate. Combined. Insecticide and Fungicide "Caascu." "London Purple," the general insecticide. Hemingway & Co., Inc., Bound Brook, N. J.

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For Hail Insurance at reasonable rates, address I. C. PENERY, Vice-President, Farmland, Indiana.

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Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

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Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

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$100 worth of MAGIC BRAND Fertilizers for mixing with your soil will increase your flowering crops $1,000. Chicago Feed and Fertilizer Co., Union Stock Yards, Chicago.

Clara vases, made of solid moulded glass, 12 inches high, green or white, doz., $2.50; barrel of 3 doz., $6, f. o. b. Chicago. Vaughan's Seed Store, Chicago and New York.

Campbell irrigation. Special offer: will ship prepaid, 1 Turbo-Irrigator for covering circle 70 to 100 ft., with movable tripod stand and hose connection for large lawns, etc., for $10; or our Automatic Sprinkler with stand for circle 50 ft., for $3, or the two for $12. J. P. Campbell, 19 Terminal Bldg., Jacksonville, Fla.

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500 Letterheads (ruled or plain) and 500 Envelopes, only $2. Printing for Florists a specialty. Satisfaction guaranteed. GLENN H. SNOW, Camden, New York.

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Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

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Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

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THE ALLIED TRADES

"Red Devils" Lower Greenhouse Costs.

It is but natural that the wise, thrifty florist should want to cut the glass needed for his greenhouse himself. In doing this work it is highly important to use the right sort of tool —otherwise breakage from glass will cause a painful impression in the cash book, and splinters from broken glass will cause a painful impression on the hands. Florists who wish to cut glass as easily as snipping off a bud, with a clean cut free from splinters, will find the "Red Devil" glass cutters very useful and economical for the purpose. They have genuine, hand-honed steel wheels, each tested and inspected before it leaves the factory. When you consider that glass is so hard that points have been used until recently to cut it you will appreciate in its full light the importance of devising a cutter like the "Red Devil." Just as a horse is no better than its feet, so a glass cutter is no better than its wheels. The accompanying illustrations show types of "Red Devil" cutters adapted to florists' use. Enthusiastic users of "Red Devil" glass cutters proclaim that "it's all in the wheel," but sight must not be lost of the fatigue-proof handles and the scientific shape of the entire tool.

"Red Devil" cutter No. 024 sells at the remarkably low price of 10 cents. "Red Devil" cutter No. 3-in-1 cuts hard or plate glass; thin, thick, medium—

"It's all in the wheel"

all equally smoothly with clean, clear edges. This cutter in leather case costs 25 cents.

"Red Devil" cutters No. 5 and 6 are of the "magazine" type, with 5 and 6 wheels respectively stored away in an airtight, rustproof chamber in the handle, ready for instant use. The price of No. 5 is 35 cents, of No. 6 with kid case, 50 cents.

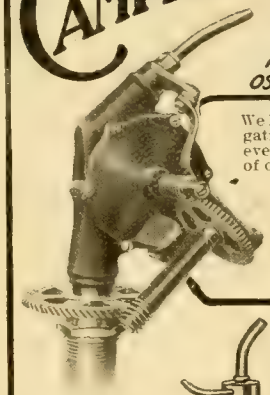
Readers interested further in the subject will do well to write for a booklet of 40 styles of "Red Devil" glass cutters to the manufacturers, Smith & Hemenway Co., Inc., 170 Chambers street, New York.

Pruning Shears for Women.

A light, handsome six-inch pruning shear for use by women promises to have great popularity and a large sale. When milady goes into her garden hereafter to clip the flowers for her dinner table or trim her rosebushes, she need no longer depend upon an ordinary pair of scissors when she can have a tool perfectly adapted to the purpose in the new ladies' pruning shear, manufactured by the Peck, Stow & Wilcox Company of Southington, Conn.

This little pruning shear is nickel-plated and is very attractive as well as serviceable. It is not cast or malleable, but is forged from good steel, highly polished. Shears of this kind

CAMPBELL IRRIGATION



PORTABLE OSCILLATOR IRRIGATOR

We lead the world on overhead Sprinkling Irrigation, and have systems that will best meet every requirement. Send for revised edition of our free booklet "Modern Irrigation" that tells all about them.

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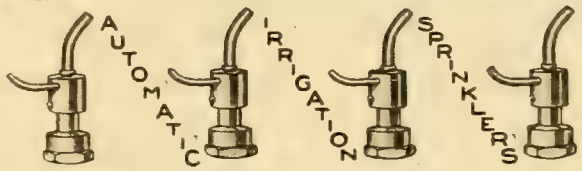
Special Introductory Offers: Until Aug. 1st only, will ship prepaid, one Turbo-Irrigator for covering circle 70 to 100 ft. with movable tripod stand and hose connection for large lawns, etc., for $10.00. (Regular price $12.00), or our Automatic Sprinkler with stand for circle 50 ft. in diameter for $3.00. (Regular price $5.00), or the two for $12.00. Terms cash, but money back if not satisfactory.

TURBO-IRRIGATOR



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Our construction is approved throughout. We do not expect our customers to try out any new ideas which are likely to disappear again from the market in a few years. Our 25 years' experience in the greenhouse construction line is at your disposal, if you wish to build a convenient, efficient and lasting house at a moderate cost.

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Morehead Back to Boiler SYSTEM

Better flowers more naturally grown.

TO STATE that the irregularity of temperature in the Houses spoils the perfection of your roses is simply another way of saying that—

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WORKED TO SHAPES.
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The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

KING CONSTRUCTION CO.

29 King's Road, N. Tonawanda, N. Y.

heretofore have been made almost exclusively abroad, and of course, under present conditions the supply is limited. The "Pexto" shear will not only take the place of the imported, but will undoubtedly result in increased use of this convenient tool in the United States and Canada. It is made in one size only (six inches) carefully wrapped in anti-tarnish paper and packed in neat, individual boxes.

Utah Potash.

The report that Armour & Company is to build works in Utah or Wyoming for the extraction of potash from a mineral known as alunite is important in view of the fact that the bulk of the potash which was consumed in this country before the war came from Germany.

Englewood, N. J.

Another fine range is that of John M. Hunter & Son. Some fourteen or fifteen years ago Mr. Hunter took this place, on which there were several small greenhouses. He erected new houses, beautified the grounds, and being a thoroughly trained grower has brought the business to a high state of efficiency. In this he has been assisted by his son, a clever and capable young man. They grow a fine variety of plants and cut flowers, and have a good local trade. We regret to state that John M. Hunter has been in poor health for some time and his physician has ordered a change of climate, presumably California. For this reason, as Mrs. Hunter and the son wish to be with him, they are offering the place for sale. There are 25,000 square feet of glass, three acres of land and a fine and well furnished dwelling house.

The McQuaid brothers are to the manor born, their father having first been a private gardener and eventually going into business for himself. The two brothers, Grant and Samuel McQuaid, have carried on the business with success. Their range is neat and well managed and they grow a variety of stock. They have a large local trade in bedding plants and cut flowers and are prepared to do everything in the line of landscape work, and also funeral work.

Englewood, a well located and fast growing city, has a number of up-to-date and prosperous florists. The city has well paved streets, most of which are made attractive by rows of fine shade trees. There are also many fine homes with attractive grounds, the planting and care of which make business for the florists.

About two years ago, Herman Mamitch took the T. W. Lydecker range of about 25,000 square feet. He has been very successful with carnations and sweet peas and expects to have about 25,000 carnation plants to sell this season. These comprise all the best of both new and old varieties.

John Lange has a fine range and grows a variety of plants and cut flowers. Of the latter, his snapdragons are noteworthy. All his stock is used in local trade. A. F. F.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

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By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

AMERICAN FLORIST CO., 440 S. Dearborn St. **Chicago**

LOWERING GREENHOUSE UPKEEP
is made possible by using
"Red Devil" Glass Cutters.

Cut glass without breakage or splintering—last longer—cut more—cut it more easily than any other cutter made.

"Red Devil," No. 6, shown here, has 5 extra wheels in air-tight chamber. Sent postpaid for 40 cents. Kid case free. Write for booklet.

Smith & Hemenway Co., Inc.
170 Chambers St., New York City.

Mastica is elastic and tenacious. admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty. Lasts longer than putty. Easy to apply.

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Send for samples of **Three Color Shipping Labels** and Florists' Tags. Letterheads and Envelopes showing special designs for florists.

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Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

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XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½, 100 running ft.....$ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft..... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas..... 27.00
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XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each..... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll.....$1.90 to 1.13
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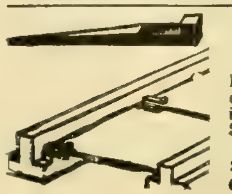

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40% Nicotine.
8-lb. can.....$10.50
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288 sheet can.....$7.50
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The Insecticide that kills plant Lice of every species

The Recognized Standard Insecticide

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A scalicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.
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A 12% nicotine solution properly diluted for fumigating or vaporizing.
Quart, $1.50. Gallon, $4.50.

If you cannot obtain our products from your local dealer send us your order and we will ship immediately through our nearest agent.

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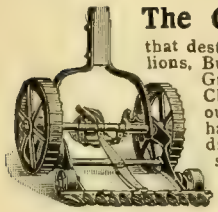

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GLASS

We are leaders. Large stock, good prices.

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HEMINGWAY'S SPRAY MATERIALS

For Delicate Foliage Trees Use

HEMINGWAY'S PURE PASTE LEAD ARSENATE
The safe spray—No danger of burning—The best Lead Arsenate it is possible to manufacture.

HEMINGWAY'S COMBINED INSECTICIDE AND FUNGICIDE "CAASCU"
For spraying potatoes and general truck crops against BUG and BLIGHT.
McCluskey Bros., Houlton, Maine, say: "Every one who used it last year are well satisfied—and well satisfied customers are the best advertisement any article can have. We believe "CAASCU" is the best preparation that has ever been introduced in this section."

HEMINGWAY'S "LONDON PURPLE"
The General Insecticide.
See what John E. Taylor says in the April issue of Green's Fruit Grower, page 22.

Write for Spray Booklet and name of nearest Agent to

HEMINGWAY & CO., Inc., Bound Brook, N. J.

Mention the American Florist when writing

Clay's The World Power in the Soil.

CLAY'S LONDON FERTILIZER
TRADE MARK
EVERY GENUINE TIN, BAG & SEAL BEARS THIS TRADE MARK

THE RENOWNED FOOD FOR PLANTS.
MANUFACTURED BY
CLAY & SON, STRATFORD, LONDON, ENGLAND.

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NICOTINE MFG. CO. ST. LOUIS, U.S.A.

NIKOTEEN For Spraying

APHIS PUNK for Fumigating

Ask Your Dealer for It.

NICOTINE MFG. CO., ST. LOUIS, MO.

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NICOTINE 40%
GUARANTEED BY
The GRASSELLI CHEMICAL CO.
CLEVELAND NEW YORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
ST. LOUIS
WRITE FOR PRICES

Model Extension Carnation Support.

Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.
Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed
IGOE BROS., 61-73 Metropolitan Ave., Brooklyn, N.Y.

Westchester and Fairfield Hort. Society.

The attendance was very good, indeed, at the monthly meeting of this society, held Friday evening, May 14, at Doran's hall, Greenwich, Conn., President Sealy officiating. Several new members were elected and a number of new names were presented for membership in the society. Both the summer and fall show committees made satisfactory reports of progress. The schedules for the summer exhibition are all ready for distribution and copies may be had on application to the secretary. This exhibition will be held June 18-19 in the Town hall, Greenwich, Conn. The preliminary schedule of the fall exhibition was read, and when finally published will be very attractive and interesting to intending exhibitors. The annual outing will be held as usual at Edward's Rye Beach Inn, Rye Beach, N. Y., the date to be announced later. Among the visitors present was Harry Turner of the Morris Nursery Co., New York, who favored us with a few very complimentary remarks. The lecturer of the evening, P. W. Popp, of Mamaroneck, N. Y., read a paper on "Dahlia Culture" that was well received and accorded the thanks of the society.

The exhibits of the evening, while not so numerous as usual, were, however, of superior quality. The judges made the following awards: Cultural certificate to James Stuart for Calceolaria hybrida; honorable mention to Wm. Morrow for a fine vase of Encharis Amazonica. A hearty vote of thanks was tendered to the other exhibitors, Dehn & Bertolf, Greenwich, Conn., for display of cut flowering shrubs and perennials; Robt. Williamson for display of tulips; A. Whitelaw for vase of mixed tulips; Jas. Linane for specimen Calceolaria hybrida; J. Guermousprey for Aralia cordata; also a dish of salad prepared from same; P. W. Popp for Halesia tetraptera and dwarf calceolarias. The next meeting will be held June 11.

P. W. POPP, Cor. Sec'y.

Connecticut Horticultural Society.

The society was treated to an unusually fine exhibition of tulips and hardy flowers and shrubs at its regular meeting Friday evening, May 14, the display being staged by President Warren S. Mason, superintendent of the Pope estate of Farmington, and by ex-President John F. Huss, superintendent of the Goodwin estate, Hartford. The collection of Mr. Mason contained such specimens as Physche, Edne, Clara Butt, Baroness de Tomege, Glow, Pride of Haarlem, Parrot, Madam Kielage, King Harold, Isis, and Rembrandt. A vase of fritallaria (guinea hen flower) was in the collection; also four varieties of lilac: Lord Vegnon, Marie Legraye, Spaghke, and Persian. The exhibit of Mr. Huss was composed of a variety of hardy flowers and shrubs such as Primula Sieboldii, Exochorda grandiflora, Peony Japonica, Iberis grandiflora superba, Iris alba nana compacta, Viola Wermingi, Arabis albida floraplena, Alyssum saxitile compactum, and ten varieties polyanthus. The judges, William Deming, J. M. Adams and Alfred Cebelius, awarded the above exhibits a first-class certificate each, which was duly approved by vote of the members.

Much interest was manifested in the flower show to be held June 10 in Unity hall, Pratt street, Hartford. The committee in charge has been increased from three to six members, and is now made up of the following members: G. H. Hollister, Ed. A. Brassill, J. M. Adams, C. O. Becher, William Deming, and Alfred Dixon. The entire profits of this exhibition will be turned over to the Union for Home Work, a local charitable organization.

One new member was admitted to the society. The next meeting will be held May 28, and will be "Hardy Perennials" night.

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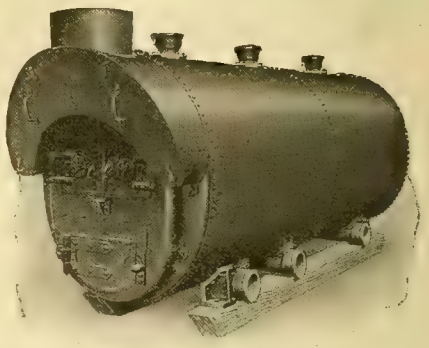

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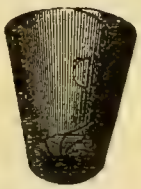

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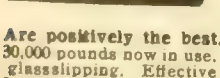
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Next annual meeting and exhibition June 12-13, 1915, at Boston, Mass. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

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Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

June Wedding Appointments

Wedding Flowers and Decorations.

With the advent of June, the month of roses, there is again ushered in, the bride. As if expecting the visit of the lady and her bevy of maids, all nature is at her best; flowers are everywhere, the whole landscape is gay with color—it is truly the blossom time of life.

With such a wealth of material, the florist is called on to show his art in the decoration of the house and lawn.

In many cases, the ceremony and reception take place on the lawn under a floral arch or canopy erected on a portion of the grounds adjacent to the dwelling. Should the weather be fair, everything passes off smoothly, but in the case of wet weather, the scene of action is transferred to the house, which must often be hurriedly put in order.

For the lawn setting, a tent-like canopy made of garlands of laurel is effective. A background of palms and cibotium ferns give a color tone with peonies, Easter lilies or long stemed roses, together with a rose-decked kneeling stool, decorates the space admirably for the ceremony and makes a pretty picture for the pleasure of the company while waiting for the bride to appear. The aisle from the dwelling to the canopy should be on the grass, across the lawn, not following the graveled path. Garlands of laurel, decorated with snowballs or other flowers suspended from shepherds' crooks stuck into the ground, should outline the way. A large floral arch may take the place of the canopied enclosure, the garlands of the pathway spreading out and enclosing the limits of the necessary space. The refreshments are generally served at small tables on the lawn, the center of each bearing its more or less elaborate vase of flowers.

If, on account of inclement weather, the ceremony must take place in the dwelling, the decorations will consist of a bank or graceful arrangement of palms and ferns at the place of the ceremony and given touches of color with flowers in tall floor vases placed at intervals. The mantels should have low bowls of flowers. Vases or blooming pot plants, such as well flowered hydrangeas, are very decorative if placed on the seats and ledges. The tops of book-cases and china-closets and also the sideboards should have low bowls filled with flower blossoms to harmonize with the furnishing of the rooms. Over all doorways are decorative points that when touched up with garlands of green and color are very noticeable.

Perhaps the flowers that attract the most attention are those carried by the bridal party and at this time there is great variety to choose from. The bride can carry lily of the valley and roses or orchids or just plain lilies. All white sweet peas are good in shower effect, as is also the lily of the valley; for the maids blue or pink hydrangeas, with the same colored ribbons in contrast. Baskets made of light material, when nicely filled with any of the above flowers and tied with appropriate ribbons, are an agreeable change from the bouquets. Striking color effects are always good and are sure to make a hit, providing they do not clash with the dresses or millinery. Large shower bunches of pink sweet peas are very effective at this time as they seem so seasonable, as are also baskets or hats filled with them.

For the buffet dining table, a tall vase of American Beauty roses, if not interfered with by the chandelier, is nearly always a winner. A vase is always better than a plateau on a table of this kind as there is generally so little room. For the boutonnieres there is a choice of lily of the valley, gardenias, or sweet peas. The supply men offer very pretty and dainty baskets, with or without handles, for flower girls, to be carried by bows of ribbon on the arm, or held in the hand. When nicely filled they are very suitable for the purpose.

Church Decoration.

The decoration of the church for the wedding is an important branch of the business. In public such a wedding is always more or less elaborate and in most cases gives the artist an opportunity to add to his laurels and at the same time increase substantially his bank account.

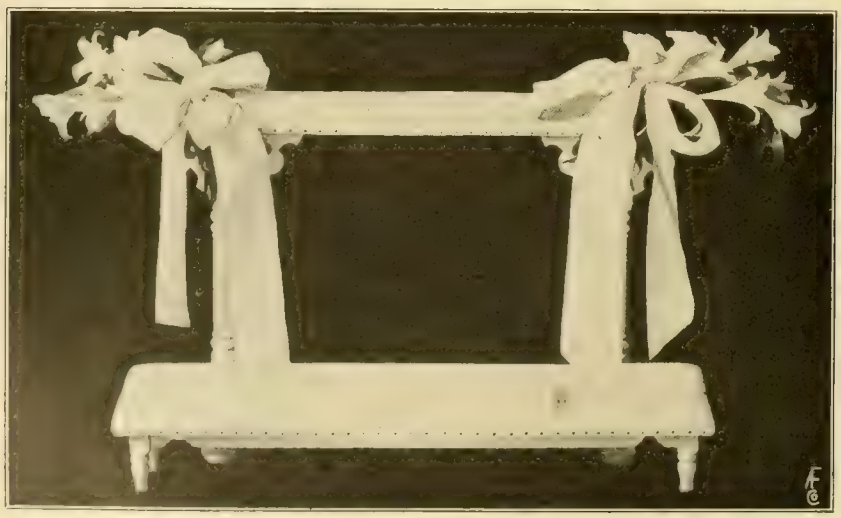
There are as many different ways in which the decorations can be arranged as there are changes of architecture in the churches. In many buildings the platform on which stands the pulpit is high, and the ceremony is performed at the head of the middle aisle on the main floor directly in front of the pulpit. In this case the platform not being used, is banked with palms. In many churches the front of the platform contains a wooden or sometimes a stone bannister or railing, which will support mossed boards or shelves of cut flowers with drapings of greens and flowers to the floor. If the platform is without the railing and is three or four feet in height, a ledge or border of potted flowering plants and cut flowers can be arranged to fall over the edge with the taller palms as a background. There is a general rule to be followed in decorations of large buildings of this character, and that is that everything is to work in together for the general effect; there are certain points to be emphasized, but it is the view that spreads out before one and that is seen at once, that pleases. With the ceremony at the head of the aisle it is nearly always necessary to remove a few of the front pews to make room for the bridal party. A raised platform one foot high, made solid and covered with denim or crash, places the ceremony within the view of all the guests, and is well worth the small additional expense. On this is placed the kneeling stool, which should be well decortaed, as it is the central point to which all eyes are turned.

The treatment of the main aisle is important. This may be decorated with bunches of flowers and ribbon at ends of every pew or at intervals, or only on the pews reserved for the family and special guests. From one to two arches, or more, placed at regular intervals over the whole length of the aisle make an elaborate showing. Another beautiful effect is with standards of cut flowers on either side of the aisle at intervals, these can be more or less elaborate. Iron plant stands about three feet high make a good foundation on which to place tall American Beauty wicker vases which, when filled, make fine standards. Quite tall stands mossed up to resemble tree trunks with a cybotium fern at the top are very effective. If all these are considered too heavy, one-inch poles painted or wrapped with white cheese cloth with a more or less elaborate tree or basket of ferns at the top, or just a bunch of long-stemmed roses and a bow of ribbon or chiffon tied to the pole will be found very decorative. Arches or canopies are sometimes erected at the place where the ceremony is to be performed. The old-time bell is now seldom used, but can be suspended from the arch or canopy.

In the churches where the choristers' pews occupy the front of the chancel the pew ends fronting the audience should be decorated with baskets of cut flowers and green or heavy garlands of the same, all arranged so as not to hide the view of the ceremony at the altar. The rear of the chancel each side of the altar will contain the palms in this case, and tall American Beauty wicker vases of cut flowers will relieve the somber green. The altar vases should be well filled with choice blooms and the font with a handsome fern or a basket of long-stemmed flowers of the season. The window ledges can also be banked with foliage and blooming plants, and add much to the effect. In many churches columns are to be reckoned with, and these can be garlanded or made to support a climbing rose. Wrap the column with a stout green cord, using small blocks to leave a space behind the cord and fill this with short branches of laurel. This can be done the day before. Have a lot of roses, stemmed loosely, several together, and as late as possible stick them through the green. If nicely done, the effect of the climbing rose is well brought out, particularly if a pot cover mossed and filled with bunches is placed on a pedestal and the bush appears to be growing from this.

After the company have assembled the ushers should tie them in with the strip of ribbon across the pew ends. This, by the way, is best done by having the right lengths of ribbon wound on two round sticks about a foot in length. These sticks are painted white or wrapped with ribbon. These rolls are placed in the last reserved pews on each side of the aisles with the loose end of the ribbon securely fastened. With this preparation it is but the work of a moment for two ushers to walk to the rear and fasten the ribbon to the extreme end pews. Another last minute touch that is worth the trouble is made with a roll of white muslin the length of the middle aisle and from 36 to 48 inches in width. This is rolled on a stick which projects six inches or more from either end so that it may be carried. The loose end is tacked to the floor or platform where the ceremony takes place and left rolled up. Just as the bridal party are arriving and the guests are all seated two of the ushers or two boys selected for the work pick up the roll and carry it down the aisle, the roll unwinding as they proceed, and the other end is then quickly drawn taut and tacked to the floor strip of the front door. This gives a finished path that adds much to the bridal procession.

K.



JUNE WEDDING FLOWERS.

Prie-Dieu by J. H. Small & Sons, Washington, D. C. and New York.

Protect the Legitimate Florist.

A LETTER TO WHOLESALERS.

There are some things each and every individual wholesaler or jobber can do to protect the legitimate florist without hurting himself or anyone else, and one of them is to quote stock at one-half to one cent higher than market prices to all one-horse candy stores, cigar shops and so-called department stores. Time and again it has been called to our attention where either the shipment was refused or delayed and the express companies come to us for relief.

We have before us a shipment to a cigar store with carnations invoiced at two cents and Darwin tulips at two cents. Now this is not a fair way to do. There is no reason whatever why this stock could not have been billed at two and a half or three cents. That would have given us protection so that when they want stock again they will buy it through the local dealer. We sold today to candy stores carnations at three cents and figured a legitimate profit.

The wholesalers will say that if you don't sell to these one-horse concerns they will get it somewhere else. Well and good, let them get it somewhere else. If all the wholesale dealers would be decent about quoting prices to non-florists there would not be any advantage for anyone. The regular florist, of course, cannot be expected to buy from every house, but can distribute his business as much as possible, which we believe is usually done.

We cannot say to wholesale dealers, "Here, if you don't stop shipping to these peanut stands, dice shops, and taffy pulls at ridiculous wholesale prices, we will discontinue trading with you." We cannot say that to you gentlemen, because we cannot patronize you all, but we do patronize a number of firms and do the best we can to split up the business. It is up to one and all alike to protect the legitimate merchant whether you are individually getting his business or not. All that is necessary is to ship goods to non-florists at 25 or 30 per

JUNE WEDDING FLOWERS.

Bouquets by J. H. Small & Sons, Washington, D. C. and New York.

cent higher prices than you ship to the legitimate trade.

We are sending this letter to a number of wholesale dealers for fair consideration and hope that you will agree that it is no more than right, also to THE AMERICAN FLORIST and hope that it will perhaps do a little good compared to the incalculable harm these petty shipments do throughout the country. Certainly there is no money in this non-florist business for the wholesaler, as he will sell just as much stock anyway.

DULUTH FLORAL COMPANY.

PLANT NOTES.

Peonies.

The work on these plants is not finished by any means when the blooms are cut, for they must be taken care of to insure a good crop for another year. Where the plants are grown in rows the constant traveling has packed the soil down hard and the ground should be given a good cultivation in order to lighten it up. The weeds should be kept down all summer and not allowed to rob the soil of its richness. If the plants were severely cut in harvesting the bloom, so that there is not much foliage left on the plant, it is well to spread a mulch of strawy manure on the surface. This is often the case with the officinalis varieties which do not make the heavy growth of the later varieties, and as it is natural for the roots of the peonies to have the shade of the heavy foliage of the plants during the summer, the cutting of the stems and foliage of these varieties robs the roots of this, and a mulch that will protect the ground from the hot summer sun is very beneficial and will also reduce the labor of weeding. Any old blooms left on the plant should be cut and thrown away. Plants that have become broken down by high winds or heavy rains should be tied up in shape.

Small Ferns.

The fern spores that were sown in late winter should now be in condition to transplant into flats. It will be difficult to separate the plants yet into individual specimens, but little clumps can be lifted with a toothpick and planted in flats about an inch apart. The flats or boxes should not be deep; about an inch and a half of soil is sufficient. The soil should be composed of two parts live loam and one part leaf mold, with a generous sprinkling of sand and sifted through a fine sieve. The flats should be placed in a moist house that is well shaded, and the walks kept well wet down all through the hot weather. If a nice warm moist temperature is maintained, the plants themselves will not require much watering, only light sprinklings, and they will very rapidly root into the new soil and send forth their fronds. If the grower has not grown his own ferns, it is a good time now to place an order for them with the fern specialists, for they can be purchased at very low prices and they are very easily grown on, and where there are many fern dishes to be filled in the fall, the difference in cost of the young plants lifted from the flats in midsummer and those purchased out of small pots in the fall is considerable; plants that will cost three and four dollars a hundred at that time can now be obtained for one-third of that amount, and a thousand or more of this small stock does not take up much space and will be disposed of before the bench room is needed in winter.

Solanums.

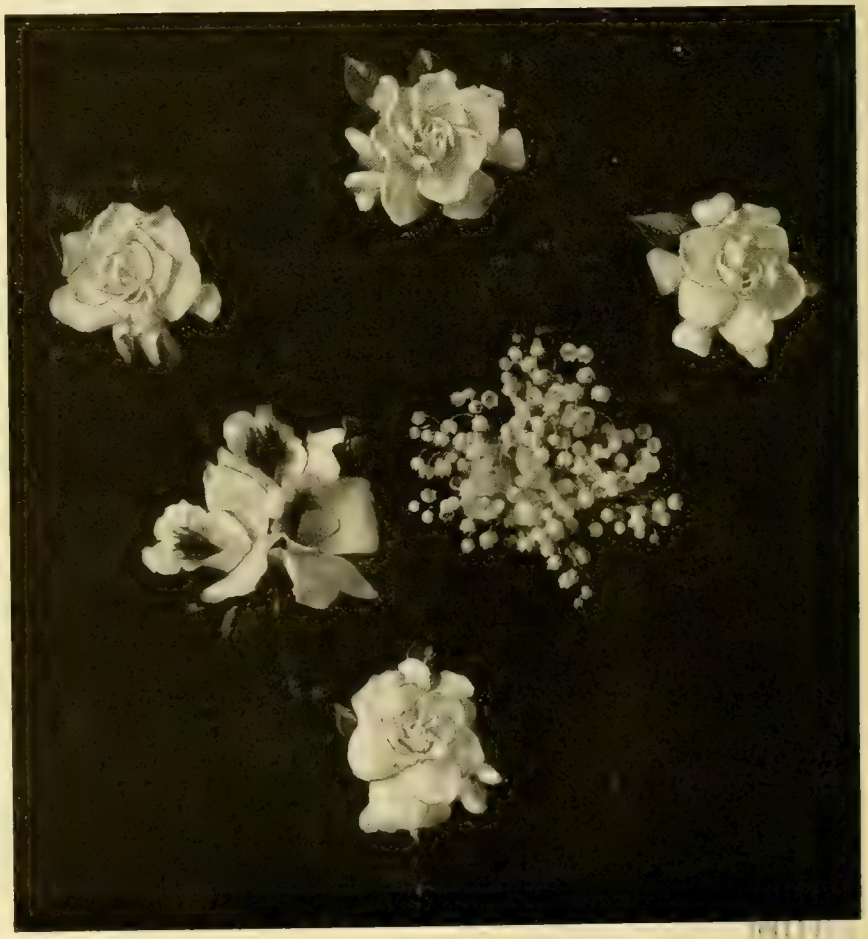
These little Christmas plants should not be allowed to stand around in the hot greenhouses badly pot bound and drying up every day, for they will grow hard and it cannot be expected to obtain a good plant under these conditions. They will stand lots of abuse and do fairly well, and that is the reason probably that they are so often neglected during these busy days. But it is much better to plant them out in the field than to carry them along in this condition. They can be easily handled in this manner, lifting them early in the fall. They will need to be kept pinched back into shape—any strong leading shoots should be cut back when they are soft. They can be planted fairly close together and will need frequent cultivation. If there is no suitable outside location where they can be planted out they can be plunged in a frame and potted up as it becomes necessary, but outside treatment of some kind is far preferable to the greenhouse, which is too warm, unless shaded, and they make better growth and bloom more freely in the bright sunlight.

Primulas.

The young primulas that were sown early should now be in 3-inch pots and be given as cool and airy a location as possible. To get the best growth on these plants, they should never be subjected to great heat, for the species are naturally a cool growing plant on the edges of the woodland in their native state. Outside in a frame with a lath covering is the best place that they can be grown, the pots sunk in the soil even to the rim. In potting these plants they should be placed in the soil deep enough for them to stand firmly; they will not stand deep potting, but many growers do not pot them deep enough, and they frequently get turned over sideways during the watering. They must be watered carefully and preferably with a can with a fine rose. The later sowings will have to be carried on in the houses until they are large enough to be placed outside. They will have to be shaded, but do not shade them heavily enough to cause them to get drawn.

Cinerarias.

The sowing of cinerarias is better done in June than later. Many postpone this until July, but during the extremely hot days of that month it is often difficult to obtain good germination, and the seed pans or boxes will have to be watched carefully or they will become dry and the young seedlings burn off. The soil should be well shaded until the young seedlings show themselves, when the shade should be made lighter. As soon as the plants have one or two well defined leaves, they should be potted in small pots and given a nice airy position near the glass, which should be shaded, but care should be taken that the young stock does not get drawn.



JUNE WEDDING FLOWERS.

Boutonnieres by J. H. Small & Sons, Washington, D. C. and New York.

ASTER PLANTING MACHINES ON VICK'S SEED FARM, ROCHESTER, N. Y.

Always bear in mind that the one thing in growing cinerarias to be on the watch for is the aphis. These insects quickly infest these plants and rapidly suck the life out of them. Constant fumigation will keep them in check, but if not attended to regularly it will be time and money thrown away to attempt their culture. Cineraria hybrida is the variety most grown, and these are obtainable in some elegant strains with large high-colored flowers. The cineraria stellata is a much larger and more rapid growing plant which is very showy, but is not so well adapted for house culture when in flower.

Larkspur.

Larkspur or "poison weed" is treated of in a recent bulletin of the department of agriculture, in which it is pointed out that many losses are suffered each year by western ranchmen by reason of the stock eating the weed. There are two groups of these larkspurs on the ranges, the tall and the low varieties. The low larkspurs prefer the hills and rather dry ground, while the tall kinds grow in the gulches and canyons. Among the tall species are Delphinium barbeye and D. cucullatum. The tall larkspur is easily distinguished after it blossoms, but in the early stages is often confused with the geranium and aconite. Of the low larkspurs D. Nelsoni is a type. It grows in considerable abundance in Wyoming, Colorado, New Mexico and Utah. The root is short and tuberous and the plant never exceeds a foot in height. The blossoms are a violet blue. They appear, arranged in a loose raceme, in May.

Transplanting Machines.

The transplanting machine, or planter as it is called in some localities, is nearly as common in certain parts of the country as any piece of modern farm machinery. To those unfamiliar with the work of the machine, especially where the planting of large areas is done, the possibilities of facilitating the work is of interest. The accompanying illustration shows two transplanting machines in use in setting out asters at the seed farm of James Vick's Sons, Rochester, N. Y. The machine, as shown here, is drawn by two horses, the driver seated in front, two men who do the planting occupying seats at the rear that just clear the ground, and a barrel of water, which the machine applies to the roots of the plants as they are placed, is carried amidships.

A wedge shaped plow makes an opening in the soil that is continuous, and the operators place the plants, one at a time, at intervals of 12 to 15 inches. Water is fed into the opening at a point behind the plow, through a tube connecting with the water barrel. As the machine moves along the opening is continuously closed behind it, and the planting is done. Where desired the water supply can be regulated by an automatic arrangement, which releases a certain amount at regular intervals, but in aster planting at close intervals, the flow is continuous. The watering can be regulated in quantity, depending upon the condition of the soil. Under unusually dry conditions the barrel is filled after each round of 1100 feet. The amount of pressure required to compact the soil around the plants, the flow of water, and the depth of planting are all easily regulated.

By the aid of the machine, with close setting (12 to 15 inch intervals in three foot rows) and frequent stops for water, one and one-half acres of asters have been planted in five hours. With large plants, which are more easily handled, three to five acres is considered a days work. Using a wider plow, one designed for potatoes, the machines have been used for planting dahlias, gladioli, lilies, Jerusalem artichoke, montbretias, etc. Setting strawberry and tomato plants are among the uses of the machine and it is especially useful for "leggy" tomato plants, they being held until the machine has covered all but the tops.

Planters like those in the illustration are manufactured by the Madison Plow Co., Madison, Wis.; J. I. Case Plow Works, Racine, Wis.

Irrigation for Florists.

When one plants one or more acres of ground with crops, which to be profitable, should make a rapid and sustained growth, and does this entirely dependent on the average rainfall to supply the necessary moisture, he is taking great chances, for nothing is so uncertain as the weather. Carnations in the field often make but a stunted growth, owing to continued hot dry spells. Asters, gladioli, dahlias and other field flowers require copious rains to produce the best results. Too often by just depending entirely on the weather the result is half a crop or perhaps total failure, owing to long, protracted droughts against which no provision had been made. In certain parts of the United States, particularly in the arid west, no crops can be grown without irrigation, but wonderful results are obtained through this agency.

In all the other parts of the country where rainfalls are comparatively frequent, it has been found advantageous to have a never failing water supply that is available for irrigation whenever necessary.

In 1898, the Johnson & Stokes Co., seedsmen of Philadelphia, Pa., published a volume entitled, "Irrigation by Cheap Modern Methods." This contained much valuable information and showed the splendid results obtained by the trench or ditch system of irrigation, which appeared at that time to be the only plan thought feasible. The water was recommended first to be obtained if possible by gravity, then from wells or dams by the aid of the windmill or the gasoline engine. Repeated examples are cited to show that crops were increased fully 100 per cent by irrigation. A quotation from a United States farmers' bulletin, reads: "It is true that thorough and careful irrigation in most parts of the United States east of the one hundredth meridian, would more than double the average yield per acre of almost all crops now raised."

Of late years, the use of watering systems in the cultivation of field crops has increased at a rapid rate, and various devices have been placed on the market, all of which produce more or less wonderful results, the only drawback being the expense of their installation, which, while considerable, is not at all prohibitive, and soon pays for itself in the good results obtained. The trench or ditch system has given way to elevated perforated pipes and spraying nozzles, through which the water is forced through the air and falls like rain, sinking gradually into the ground. It is claimed that water falling through the air in fine particles, collects ammonia, as do the rain drops, which is of great advantage to the soil. It is claimed that as much can be grown on one acre of irrigated ground as will be obtained from ten acres of land, which depends entirely on the rainfall. Such an intensive system of cultivation saves land and labor and produces this excellent result. To quote from Johnson & Stokes' book, "A Great Secret" is the heading of a paragraph which reads as follows: "The great secret of profitable plant growth is, that there shall be no check, hindrance or setback from start to finish; some things like trees, shrubs and perennials are able to bridge over periods of unfavorable weather, and many vegetables will somehow pull through long droughts. The very best results with vegetables and fruits, however, come from quick, steady, vigorous development, and no matter how good the soil and care may be, nothing can atone for a prolonged scarcity of water during the critical period of ripening or filling out. The right time to irrigate is a matter of no small importance, and the rains frequently fail us just when we need them most."

One of the most practical irrigation systems is that of J. P. Campbell of Jacksonville, Fla., who has invented a spinning nozzle, which works from an upright standard or pipe. These pipes, seven to eight feet in height, are placed about 50 feet apart and alternated in the rows, so that each when in action, covers a circle of 50 feet in diameter. A large main with lateral pipes about 15 inches deep in the ground, carries the water to the standards. From 100 to 150 gallons of water per minute is required for each acre to which application is made simultaneously. To get good results the water should be delivered to the sprinklers at a pressure of not less than 20 to 25 pounds. There must, of course, be a power installation to pump water from its source and through the pipes with the necessary force. With such a system installed, the dry season has no terrors, the ground being kept in any condition of moisture required at the will of the grower.

An apparatus or outfit that would deliver 220 gallons of water per minute, would cover a two-acre plot with ½-inch of water in two hours. The cost of installation per acre without pump or engine is from $125 to $175—depending on the quantity of pipe ordered. The progressive South Jersey truck farmers are fast adopting various systems of irrigation, the largely

D. W. Coolidge, Los Angeles, Calif.

increased productiveness for nearly all of the crops showing a splendid return on the investment.

The Campbell Turbo-Irrigator is another new Campbell device that covers a very large area and is especially adapted for irrigating vegetables, small fruits, etc., is intended for use where a permanent installation is desired, combined with efficient distribution and minimum expense. It is equipped with tubes of various sizes, and the capacity varies from eight and one-half gallons to 15 gallons per minute, requiring a total run of one and one-half hours to make the quarter-inch application necessary for vegetables, and about three hours for a heavy application of one-half inch for fruit trees. This device weighs about two pounds. The Portable Oscillator Irrigator, also a J. P. Campbell product, while not recommended for general irrigation purposes, can be used to splendid advantage for seed beds, nurseries, etc., and is especially suitable for irrigating large lawns, parks and cemeteries. This machine is 20 feet in length, the distributing pipe is self-oscillating, and within a very short space of time a strip 50 to 60 feet wide, the length of the machine, can be thoroughly wet down. The machine is mounted on wheels and can be easily moved from one position to another.

With scarcely any exception, those who have installed systems of irrigation are well satisfied with the results, which, in most cases, have exceeded their expectations. For the florists or market gardeners who depend on full crops of rapid growth that must be ready for the market at special seasons, irrigation will be found most beneficial, as not only will the crops be in on time, but the productiveness and quality will be very greatly enhanced.

K.

Bedding Plants.

At the April meeting of the Lancaster County Florists' Club, the feature of the evening was an interesting discussion led by Albert M. Herr, Lancaster, Pa., the subject being, "Bedding Plants." In opening the discussion he said:

"Now, when it comes to the general trend of the trade, being a neutral, I hear considerable from all sides as to prices and unfair competition. All competition in this free country of ours is fair; some of it may be mighty embarrassing for the time being, but will eventually straighten itself out. The man who is running his business on business principles, is the one who is going to win out; the man who competes with a cut in prices is injuring the whole trade, but himself more than any one else, and it is only a matter of time until he sees his mistake and either gets out of the business or starts all over again. Being an outsider, it is easy to say what I would do, and possibly if I were in your shoes, I would do exactly as you are doing, but the few remarks here to follow are given in a friendly spirit and I trust will be taken in the same spirit.

"If I were a store man I would sell and handle only high grade stock; that is I would have the quality in the stock so evident that the buyer could not help but notice it, and I would make the price accordingly, with instructions to my clerks that if any objection was raised to the price, the reply would be, 'We want every plant we sell to bring the buyer back to us when in need of another and on this account can not afford to handle any but the best. If you want cheaper stock, we have some at the greenhouses, or you can get it on the markets.' This I would bring out strong in my advertisements and then live up to it. Simply announcing that you have plants and flowers is not advertising; put some ginger in your ads. But the best advertising of all is the wagging tongue of a satisfied customer.

"If I were selling plants on the market or the street, I would get the costs down to the lowest possible point, and then make my selling price high enough to allow a reasonable profit. I would explain to my customers that I could afford to sell a bit lower than the store man and that my plants, with proper care and attention, will give satisfactory results. If I had any second class stock, which came from the continual handling of plants sold by this method, they would be sold as such and my customer given a bit of advice as to how to handle them. If this is followed up carefully and conscientiously your customers would soon become suspicious of the competitor who is cutting prices. Advertising the number of

your stand or where you can be found on the street would pay this class of trade and especially if worked out on a good basis.

"Stop kicking, start studying and do not value your own time too low. Give your customers stock that will give them satisfaction. It is the only way to build up a permanent and profitable business and unless you are in the business merely for the pleasure of growing flowers and plants, you can not give your customers satisfaction unless you in return make a reasonable profit for yourself."

In the discussion which followed and which centered on geraniums, J. P. Seibold, who is growing a variety for the wholesale trade, spoke very strongly in favor of American Beauty. H. K. Rohrer said that they found Ricard their best seller, with some half a dozen other varieties called for to a smaller extent. John R. Shreiner found a good market for a general assortment, those who do bedding on a large scale found Nutt, Ricard, Poitevine and some good white in most demand, and R. Nagle thought Scarlet Bedder a winner when better known. Prices were discussed and given up as a conundrum.

M. J. Brinton of Christiana, Pa., read a paper on leaks of the trade, using big business as a comparison, and brought out very forcibly the fact that thousands of dollars worth of stock is reduced in price by the handling it gets with the express companies, and other thousands by the fact that when stock gets plentiful it is improperly handled by the grower and sent in to the markets regardless, with the usual glut conditions at once brought about. He cited examples for the month of April, when the unseasonable weather conditions brought everything to full crop, and said that he had been on the wholesale market when sweet peas were coming in by the ten thousands, and yet it was almost impossible to fill an order for 1,000 with strictly first class stock, due largely to the rush by the grower to get everything into the market somehow and any way.

In the discussion on the handling of flowers and plants by the express companies it was brought out that a large proportion of the loss is due to lack of knowledge, and being a small body ourselves, it was moved and carried that we appeal to the S. A. F. to appoint a committee to work out a set of instructions to express employes for the handling of our products and if practical to give assistance to the individual in getting a claim where flagrant carelessness was shown by the express company.

While the attendance at the meeting was not large, due no doubt that a number of the members were busy, the 18 or 20 members who were present enjoyed a very interesting session. H. E. Hostetter and Alphonso Peters were elected to membership.

The Aquarium Society asked that they be allowed to hold a fish show in conjunction with the flower show this fall, but as we had already decided that it was not advisable to hold a show annually this was deferred for one year. This would not make a bad combination and might be worked out in cities of this size to good advantage.

Lancaster is quite a center for amateur dahlia growers and the club has decided to hold a small dahlia show in conjunction with the Lancaster County fair association. Albert M. Herr, M. S. Hostetter, George Goldbach and H. K. Rohrer were appointed a committee to work the matter out. The fair association has fallen in line handsomely and is arranging to give us a liberal space.

For the next meeting, June 17, Ira Landis of Paradise, Pa., is to read a paper on "Summer Culture of Carnations for Results Next Winter."

Visitor: H. S. Royer, of H. Bayersdorfer & Co., Philadelphia, Pa.

ALBERT M. HERR.

Los Angeles.

D. W. Coolidge, of the Coolidge Rare Plant Gardens of Pasadena, Calif., who makes a specialty of new and rare plants, states that the two new roses, Mad. Eduard Herriott and Willowmere, are the coming roses. He is also in praise of Tauchendschoen, the Blue Rose, the climbing Orleans and the Thornless Beauty. A visit to his nursery soon proves that he is in a class by himself on rare plants. The accompanying photo of Mr. Coolidge is taken on his place standing beside an elegant specimen of Ceanothus thrysiflorus, which is one of the California native plants and should be in everybody's garden.

John S. Armstrong, of the Armstrong Nurseries, Ontario, Calif., states that they have had a very good season, moving olives, avocados and other tropical fruits in addition to the roses and ornamentals. Favorable comment must be added on the cleanliness of the field and the orderly arrangement of specimen plants in the sales yard.

The Pacific Coast Association of Nurserymen and the California Association of Nurserymen will hold a joint meeting August 12-14 and then follows the convention of the Society of American Florists, August 17-20. Monday, August 16, 1915, is to be "nurserymens' day."

Roeding & Wood Nursery are preparing a special exhibit of horticultural subjects at the Panama-Pacific Exposition at San Francisco for the benefit of the Society of American Florists and other horticultural bodies that are to convene there during August.

G. E. Elster, who for the past five years has been connected with the Roeding & Wood Nursery Company, of Los Angeles, has tendered his resignation to take effect June 1, 1915.

Edwin Lonsdale's condition has materially improved since last reports.

HAL STRAW.

San Francisco Exposition.

A recent visitor to the Panama-Pacific exposition at San Francisco writes as follows regarding it:

"I am so impressed with the wonders of the Panama-Pacific International exposition here in San Francisco, I feel that I would not be doing my duty if I did not let others know some of the wonders I have seen here.

"In the first place, I came to the exposition purely for no other reason than, being in California, I thought it might be worth while to perhaps run up to San Francisco and spend a day at the exposition. I had not the slightest idea of the wonders I was to see. I have been here a week now and I cannot keep away from the exposition. I am exposition mad.

"The exhibits themselves are fine, but it is not the exhibits—it is the wonder and beauty of the buildings and grounds; they are so entrancing.

"I am not enough of a word artist to describe the buildings as they are by day: their wonderful lines and colors, the flowers, the trees, the fountains, and all on land made within the last few years. Think of it, vine-covered buildings, palms, groves of eucalyptus, all kinds of tropical and semi-tropical foliage, planted within a year, but looking as if centuries old.

"If one cannot describe the scene by day, words, especially written words, are not adequate to describe the fairyland at night.

"The Court of Abundance, with its lights and shadows, the Tower of Jewels, the Court of the Universe, Fine Arts Palace, and so I could go on. The mystery, the wonders, the charm of lights and colors are indescribable.

"San Francisco and the people of San Francisco are hosts; they are hosts as no one else could be; they are hosts in the same way they have rebuilt their city, with their whole hearts; they are mighty hosts; no one can resist them, and they act as if to be hospitable and kind was the aim of their existence.

"If I can repay them the splendid time they have given me and the hundreds of thousands of other strangers one little bit by urging all my friends to come and partake of their hospitality, and see their new city and their wonderful fair, I shall be happy; and if this letter can induce any of you to come I shall have made you equally happy and you will be rewarded by the wonders you will see.

"If I followed my own inclination and had the ability, I should do nothing else from now on but sing the praises of San Francisco, the wonderful, its people and its fair."

OBITUARY.

Mrs. James Conlon.

Mrs. James Conlon, wife of the well known Brooklyn, N. Y., florist, who has a store at 46 Smith street, died May 19, aged 48 years. She was born in Athlone, County Westmeath, Ireland, and had lived in Brooklyn 30 years. She is survived by her husband, three daughters, three sons, two sisters and two brothers. She was a member of St. Paul's Roman Catholic church of Brooklyn, where high mass was celebrated on the morning of May 22. Interment was in Holy Cross cemetery.

A. F. F.

Robert Leonard.

Robert Leonard, son of Simeon F. Leonard, president of the Leonard Seed Co., Chicago, died at the home of his brother, Edward, at Antigo, Wis., May 17, from diabetes, at the age of 30. He was employed at the store up to two years ago, when his condition became so serious that he was obliged to take a rest and his health gradually failed since then. The funeral was held from the family residence at Oak Park, May 20, with interment at Rose Hill cemetery.

Ernest T. Cook.

Ernest T. Cook, ardent advocate of horticulture and writer, former vice-president of the National Rose Society of England, and president for the first two years of the Rose Society of Ontario, of which he was one of the organizers, died suddenly at his residence in Toronto, Ont., recently at the age of 45 years.

HARTFORD, CONN.—Boehner's Flower Shop has opened for business at John and Park streets.

WATERVILLE, ME.—Damage to the extent of $75 was the result of fire at the greenhouse of Allen R. Young, May 10.

SPRINGFIELD, MASS.—A petition in bankruptcy has been filed by Sidney A. Saunders, florist; liabilities $6,236, assets $4,711.

GRAND RAPIDS, MICH.—W. M. Cunningham has sold his business at 69 Division avenue to Arthur F. Crabb, of Crabb & Hunter.

THE AMERICAN FLORIST

ESTABLISHED 1885.

Subscription, United States and Mexico, $1.00 a year; Canada $2.00; Europe and Countries in Postal Union, $2.50. Subscriptions accepted only from those in the trade.

When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THERE is one retail florist in Chicago who handles carnations only when they are specially ordered and will not carry them in stock.

LATE Easter for 1916 (April 23) makes Giganteum the favorite forcing lily for late, while Formosum will be used for mid-season work.

CROTONS in small sizes continue to increase in popularity for basket work and the large over-grown plants are cut up and freely used in designs.

WINDOW BOXES at New York this season contain much more blooming plants than usual, the greenery more subdued. Formerly the entire box was green.

PLAINFIELD, CONN.—The worst May frost ever remembered here occurred on the nineteenth. The mercury dropped to 30 during the night. Beans, corn, grapevines and peach trees were ruined.

HAIL INSURANCE against damage to growing crops is issued by two national mutual societies in Switzerland. One of these in a recent year paid 650,000 francs, approximately $130,000, in claims.

American Rose Society.

MEETING AT WASHINGTON, D. C.

The meeting of the American Rose Society to view the rose garden established at Arlington will take place Wednesday, June 2. The members who can attend are requested to meet at the store of Gude Bros., 1214 F street,, N. W., Washington, at one p. m. sharp on that day and proceed to Arlington.

BENJAMIN HAMMOND, Sec'y.

Cut-Worm Moth Trap.

A remarkably effective method for destroying the cut-worm moth and other insect pests is being used in California. The arrangement consists of a high candle-power electric light, enclosed in a glass globe, directly below which is a pan about four feet in diameter, filled with oil.

The moths, attracted to the light, strike against the glass, are stunned and fall into the oil, from which there is no escape. As many as 7,000 moths have been captured by a single light trap in one night.

Medicinal Plant Cultivation.

A paper by Dr. Fred B. Kilmer, entitled, "Cultivation of Medicinal Plants," read at the 1915 meeting of the National Association of Manufacturers of Medicinal Products is about to be printed by that organization. Of merit in itself, its value is greatly enhanced by a comprehensive bibliology that will give practically all the sources of information to any one desiring to study the subject further. Any agriculturist interested in the cultivation of medicinal plants may obtain a copy, an interesting article, by sending his address and a two cent stamp to C. M. Woodruff, secretary, 475 East Grand boulevard, Detroit, Mich.

Carnation House and Bench Cleaning.

ED. AMERICAN FLORIST:

Please inform me of the best method of treating a greenhouse to put it in a satisfactory sanitary state and to destroy all insects before planting carnations.

In changing soil of solid beds for carnations how many inches of top soil is it necessary to remove?

New York. J. W. G.

We give our houses a thorough cleaning out by removing all the old soil from the benches and collect any decayed wood or rubbish of any kind from underneath the benches or from the corners of the building. After the clearing out is attended to, the benches, ends and sides of the house are thoroughly washed down by a strong force from the hose; then, a good lime wash is given the inside of the benches and the end and side walls. This is the best method we know of to make the houses sanitary and sweet.

If the drainage is good in the solid bed five to six inches of top soil is plenty to remove for carnations.

Kerr's Cut Flower Catalogue.

Many florists carrying a plant line specialize on that branch of the business, and catalogues listing varieties and prices are quite common. Kerr, the Florist, Houston, Tex., has reversed the idea, however, and has issued a cut flower catalogue, exploiting cut flowers as the big business, with the plant department as an auxiliary.

The brochure is nicely illustrated with views of the Kerr flower shop, greenhouses, conservatory and suggestions in floral arrangement for various occasions. The price list is most complete, naming practically every flower in demand, the dates when in bloom and giving prices at which sold at Christmas, Easter and at other times.

Washington Park Foreman.

The Civil Service Commission, Washington, D. C., will hold an examination, June 19, for the vacancy in the position of division park foreman in Washington, D. C., at a salary of $90 per month. Applicants must be between the ages of 25 and 45 years and must have been for not less than five years in charge of men engaged in gardening work, park maintenance and park improvement, and must demonstrate practical knowledge of gardening and a thorough knowledge of care of trees, shrubs, flowers and lawns. A statement is also required as to whether applicant can ride a bicycle.

Scale on Palms.

ED. AMERICAN FLORIST:

What is the best remedy for scale on palms and the best way to apply it?

Hawaiian Territory. T. A. H.

A solution of sulpho-tobacco soap, used in the proportion of one ounce of the soap dissolved in one gallon of water and applied with a spray pump would be most likely to give results. Apply once a week for several applications. I take it that these palms are growing outdoors, and may be of considerable size. W. H. T.

Club Meetings Next Week.

Buffalo, N. Y., June 1, 8 p. m.—Buffalo Florists' Club, Kasting's hall, 385 Ellicott street. Wm. Legg, secretary, 889 West Delaware avenue, Buffalo.

Dayton, O., June 1, 8 p. m.—Dayton Florists' Club, 37 East Fifth street. Horace M. Frank, secretary, 112 South Main street, Dayton.

Lake Geneva, Wis., June 1, 8 p. m.—Lake Geneva Gardeners' and Foremen's Association, Horticultural hall. Raymond Niles, Lake Geneva, Wis.

Los Angeles, Calif., June 1, 8 p. m.—Los Angeles County Horticultural Society, at 237 Franklin street. Henry W. Kruckeberg, Los Angeles, Calif.

Milwaukee, Wis., June 1, 8 p. m.—The Milwaukee Florists' Club, Kurtz Bros., Third and State streets. Eugene Oestreicher, secretary, North avenue and Fifty-fifth street, Milwaukee.

Minneapolis, Minn., June 1, 8 p. m.—Minneapolis Florists' Club, usually at Rice Bros., 218 North Fifth street. Wm. J. Vasatka, secretary, 3340 Chicago avenue, Minneapolis.

Philadelphia, Pa., June 1, 8 p. m.—Florists' Club of Philadelphia, Horticultural hall, Broad street above Spruce. David Rust, secretary, Philadelphia.

Pittsburgh, Pa., June 1, 8 p. m.—Pittsburgh Florists and Gardeners' Club, Fort Pitt Hotel, Tenth street and Penn avenue. H. P. Joslin, secretary, 7202 Perrysville avenue, Ben Avon, Pa.

Washington, D. C., June 1, 8 p. m.—The Florists' Club of Washington, D. C., 1214 F street, N. W. C. L. Linz, secretary, 635 Tenth street, N. E., Washington.

Louisville, Ky., June 2, 8 p. m.—The Kentucky Society of Florists, Masonic Temple. August Baumer, secretary, Masonic Temple, P. O. Box 295, Louisville.

Tacoma, Wash., June 3, 8 p. m.—Tacoma Florists' Association, Maccabee hall, Eleventh and C streets. F. H. Atchison, secretary, South Fiftieth and East F streets, Tacoma.

Albany, N. Y., June 3, 8 p. m.—Albany Florists' Club, 611 Broadway. Robert Davidson, secretary, 139 Second street, Albany.

Lake Forest, Ill., June 4, 8 p. m.—The North Shore Horticultural Society, City Hall. E. Bollinger, secretary, Lake Forest.

Lenox, Mass., June 5, 7:30 p. m.—Lenox Horticultural Society, Town hall. Geo. H. Instone, secretary, Lenox.

San Francisco, Calif., June 5, 8 p. m.—Pacific Coast Horticultural Society, Sachem hall, Redmen's building, 240 Golden Gate avenue. W. A. Hofinghoff, secretary, 432 Phelan building, San Francisco.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted — Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—German, 28 years of age, with 15 years' experience, wants private or commercial place, single, good references. Address
K. 10616 Indiana Ave., Chicago, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—As foreman to take entire charge by a first class grower of cut flowers and plants. A life's experience; single; a capable supervisor of help; excellent credentials; good wages expected. Address
FLORIST, 61 W. Ontario St., Chicago.

Situation Wanted — On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower, principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish, American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—Saleslady and designer for Chicago loop store. Address
Key 521, care American Florist.

Help Wanted—Two single young men to grow chrysanthemums and other pot plants. Must understand the business thoroughly, and take charge. State salary and experience.
METAIRIE RIDGE NURSERY CO., LTD.,
New Orleans, La.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

For Sale—Heating plant and glass for small greenhouse. M. E. TRIMBLE, Warren, Pa.

For Sale—Greenhouse and store; established cash trade. 50x125 ft. of ground. Address
J. NELSON, 1749 Huron st.

For Sale—Glass; 250 boxes 16x18 D. S. A., $3.00 per box, f. o. b. North Milwaukee.
N. ZWEIFEL, North Milwaukee, Wis.

For Sale—A florist's delivery wagon in good condition; only two years old.
NICK THE FLORIST.
391 Knickerbocker Ave., Brooklyn, N. Y.

For Sale—Good as new panel top Overland delivery car. $500.00 cash. Big bargain. Write quick. Guaranteed.
Key 512, care American Florist.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale or Trade—Flower store for sale, or trade for lots or greenhouses; five living rooms in rear of this store; large barn and yard; rent, $35 a month; good location. Lots or greenhouses must be near Chicago.
Key 522, care American Florist.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Rent—From July 1st. Greenhouses—plant consisting of 10,000 square feet; hot water bar, cottage, work room sixty by twenty. Houses well stocked and in first class condition; with good retail trade. Town of 35,000. Place in city on paved street; all improvements. Reason for renting; owner retiring. Apply
GEORGE H. BOND,
New Brunswick, N. J.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober.
Key 510, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

Wanted to Lease—After June 1st, by experienced business man with capital, retail greenhouses in good condition, with privilege to buy; state full particulars. Box 136, Newmarket, N. J.

Wanted to Rent—Greenhouse; no stock; 20 or 30 feet wide by 100 feet long; state particulars; New Jersey, New York State or Connecticut preferred. Address
Key 515, care American Florist.

WANTED

Single man thoroughly posted on nursery and greenhouse business to work under foreman. Location within 100 miles of Chicago. State experience, where last employed, and salary expected. Address
Key 520, care American Florist.

Growers Read This

Advertiser wants to buy or rent a large range of greenhouses within a reasonable shipping distance of Chicago. Don't write unless you want to talk turkey right away. Curiosity seekers need not answer. Address
Key 516, Care American Florist.

FOR SALE

A range of 25,000 square feet of glass with 3 acres of land. Modern 7-room dwelling, well furnished. Greenhouses well stocked. An established local trade. Reason for selling, ill health of the head of the firm. For terms and further particulars, call or write.

JOHN M. HUNTER & SON, Englewood, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

PRESENT DEMAND

IS FOR

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

ADVERTISE THEM NOW

The Season is Short

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

POEHLMAN

72-74 E. Randolph St.,

JUNE WEDDINGS--COMMENCEMENTS

BEAUTIES-VALLEY-ORCHIDS-GARDENIAS-RUSSELL

CURRENT PRICE LIST. In effect June 1.

ROSES

AMERICAN BEAUTIES. Per doz.

Special	$4.00
36 inches long	3.00
30 inches long	2.50
24 inches long	2.00
18 to 20 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

	Per 100		
OPHELIA	$4.00 to	$6.00 to	$10.00
HADLEY	4.00 to	6.00 to	10.00
SHAWYER	4.00 to	6.00 to	10.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN. Per 100

Extra long		$10.00
Long		8.00
Medium	$5.00 to	6.00
Short	3.00 to	4.00

KILLARNEY, WHITE KILLARNEY, WARD. Per 100

Extra long		$10.00
Long		8.00
Medium	5.00 to	6.00
Short	3.00 to	4.00

MRS. CHAS. RUSSELL. Per doz.

36 inches long	$ 2.50
30 inches long	2.00
24 inches long	1.50
18 to 20 inches long	1.00

Short.....per 100, $4.00, $6.00

CECILE BRUNNER or SWEETHEART ROSE
Per 100.....$2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

CARNATIONS, fancy, per 100, $4.00
Medium " 3.00

GARDENIAS.....per doz., $2.00 to $3.00

CATTLEYAS... ...per doz., 6.00

LILY OF THE VALLEY. Per 100

Extra fancy	$4.00
First quality	3.00
Second quality	2.00

PEONIES Per 100

Fancy pink and white	$8.0
Medium	6.0
Small	$3.00 to 4.0

MISCELLANEOUS CUT FLOWERS.

Sweet peas (common)	$0.75 to $ 1.0
Sweet peas (Spencer)	1.50 to 2.0
Lilies	8.00 to 10 0
Snapdragons.....per doz.,	1.00 to 1.5
Daisies	1.00 to 2.0
Mignonette	4.00 to 6.0
Pansies.....per doz. bunches	1.00 to 1.5

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$ 0.7
Smilax,.....doz. $2.50	
Sprengeri and Asparagus Sprays	$3.00 to 3.0
Asparagus Plumosus, per string, 60c	
Adiantum	1.00 to 1.5
Galax (bronze).....per 1,000	$1.0
" (green).....per 1000,	1.5
Eastern flat ferns....per 1,000	$3.50 to 4.0
Boxwood, per lb., $0.35.....per case,	7.5

Everything you need for

June Weddings-Commencements

Dainty French Baskets.

Finished in all the colors desired. Order a few today.

24 inches high	$0.60 each
26 " "	.75 "
30 " "	1.00 "

No. 2 Gauze for Shower Bouquets.

10 yards..... per bolt, 18

RIBBONS-To Match all Roses, Orchids, Etc.

SILK TAFFETA.
No. 501

4-in., -	per bolt, $1.67
5-in., -	" " 1.98

SATIN TAFFETA.
Morton.

No. 16 -	per bolt, $1.00	No. 60 -	per bolt, $1.6
No. 22 -	" 1.15	No. 80 -	" 1.7
No. 40 -	" 1.35	No. 120 -	" 2.2

Pearl Headed Corsage Pins

$1.00 Per Gross.

N BROS. CO.

ng Distance Phone, Randolph 35. **CHICAGO, ILL.**

Bedding Plants.

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
ternantheras, red and yellow. and **Brilliantissima**	$ 2.50	$23.00
yssum, Sweet, 2¼ in.	2.50	20.00
eratum, Blue Dwarf, 2¼ in.	2.50	
" " " 3 in.	5.00	
" " " 4 in.	8.00	
gonias, Luminosa and Vernon for bedding, 2¼ in.	2.50	
3 in.	5.00	
4 in.	8.00	
gonia, Chatelaine, 2¼ in.	3.50	
3 in.	8.00	
4 in.	15.08	
baea Scandens, 4 in.. 1.50 per doz.		
leus, in variety, 2¼ in.	2.50	
3 in.	5.00	
ladiums, Fancy Leaved (Summer delivery) 5 and 6 in. pots. 50c to $1.50 each.		
sty Miller, for border, 2¼ in.	2.50	23.00
acaena Indivisa, strong, 3 in.	7.00	
4 in.	12.00	
5 in.	20.00	
se Geraniums, strong, 3 in.	5.00	
4 in.	8.00	
ne. Salleroi Geraniums, 2¼ in.	3.00	
3 in.	5.00	
glish Ivy, 2½ in.	3.00	
4 in.	15.00	
glish Ivy, strong 5 in......$20.00 to	35.00	
belias, for Bedding & Hang. Baskets.		
belias, Speciosa, Crystal Palace and Bedding Queen, 2¼ in.	2.50	22.00

	100	1000
Lobelia, Cathleen Mallard (double)	$ 3.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom	2.50	$25.00
If wanted in baskets an additional price will be charged to cover cost of same.		
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in.	3.00	
3 in.	5.00	
Phlox Drummondi, all colors, 2¼ in.	2.50	23.00
3 in.	5.00	45.00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Smilax, strong new stock, 2¼ in.	2.50	23.00
3 in.	6.00	50.00
Torenia Fourneri, Blue, 2½ in.	2.50	
3 in.	5.00	
Vinca Rosea and **Alba,** 2¼ in.	2.50	
Vinca, variegated and green for boxes and vases, 2¼ in.	2.50	23.00
4 in......$12.00 to	15.00	
Verbenas, all colors, 2¼ in.	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in.	2.50	

Hanging Baskets planted with: **Sprengeri, Boston** and **Vincas.**

Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 50c each. 5 in. at 50c to 75c each.

Pandanus Veitchi, highly colored, 6 in., $1.25 to $1.50 each. 7 in., $2 00 to $2.50 each.

Boston, Whitmani and Roosevelt Ferns, 7 in. pots. 75c each. 8 in. pots. $1.00 each. 10 in. pots. $2.50 each. 12 in. pots, $3.50 each.

Araucarias, Robusta Compacta, large plants, $2.50 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.

Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

	per 100	per 1000
Asparagus Plumosus, 2¼ in.	$ 3.50	$30.00
3 in.	7.00	65.00
4 in.	12.00	115.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

Western headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-in.	Per 1000	Per 5000
adley	$120 00	$550 00
cile Brunner	100 00	......

Own Root, 2½-in.	Per 1000	Per 5000
Milady	$60 00	$275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

For 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS.

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
iss Marvella French, late white	$8 00	$70 00
iss Pauline Anderson, late yellow	8 00	70 00

Both these varieties scored 94 points by judges the Chrysanthemum Society of America, at hicago, and both scored 95 points by the judges the Minnesota State Florists' Association, at inneapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Yellow Roses.

We Are Headquarters for Yellow Roses.

EXCEPTIONALLY LARGE CROP OF YELLOW ROSES. PLENTY FOR EVERYONE. ORDERS SOLICITED.

Price List in Effect May 26th

American Beauties

	Per doz.
Specials, extra long stems	$3.00 to 4.00
Extra long stems, seconds	1.50
36 in. stems	2.50
24 in. stems	2.00
12-18 in. stems, New Beauties	1.00 to 1.50

Russell, Rhea Reid, Bulgarie and Shawyer.

	Per 100
Extra long	$8.00 to $10.00
Medium	6.00
Short	4.00

White and Pink Killarney and Richmond.

Long	8.00
Medium	6.00
Short	$3.00 to 4.00

Cecile Brunner.....per bunch, 35c

Yellow Roses, Hillingdon and Sunburst.

	Per 100
Long	10.00
Medium	$6.00 to 8.00
Short	4.00 to 5.00

Carnations.

	Per 100
Red, White and Pink, extra fancy	$3.00 to $4.00

LILY OF THE VALLEY	$4.00
ORCHID-FLOWERING SWEET PEAS	1.00
ASPARAGUS SPRAYS and **SPRENGERI**	3.00
FERNS, Eastern	per 1000, $4.00
FERNS, new	per 1000, 3.00
ADIANTUM	1.00
GALAX, bronze and green	per 1000, $1.00

ROSES in lots of 500 or more at the rate of $25.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

Peonies and Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

LARGE DEMAND FOR MEMORIAL DAY.

The demand for stock for Memorial day is unusually heavy and it appears as if stock will clean up completely before the rush is over, as the writer predicted it would several weeks ago. Memorial day will be celebrated on May 31 this year, which should help the market considerably, and Saturday, Sunday and Monday should all be good days. Nearly all the wholesale houses are refusing orders for carnations and one house alone claims to have turned back orders for over 100,000 during the past week. With carnations in short supply the demand will naturally turn to roses and peonies, and while both seemed to be in good supply the opening of the week, they are not quite as plentiful now, for the shipping trade has started in earnest. Some very fancy stock in all lines was seen in the market this week, especially in roses, and the offerings include choice American Beauty, Mrs. Chas. Russell, Sunburst, Mrs. George Shawyer, Ophelia, Hadley, Richmond, Milady, Prince de Bulgaria, Killarney Brilliant, Killarney, Killarney Queen, White Killarney, Double White Killarney, Mrs. Aaron Ward, My Maryland, Rhea Reid, Lady Hillingdon and Cecile Brunner. Peonies are reaching the market in good condition, but the supply is not as large as in previous years, and while a little home-grown stock is reaching the market the main crop will be about a week late this year. Cape Jasmine are not arriving in any great quantities yet, and the supply of Double White narcissus will not be as heavy as last season. Orchids are in larger supply, but are cleaning up nicely. Home-grown gardenias are none too plentiful. Lily of the valley is moving well and the same holds good for sweet peas, which are bringing very satisfactory prices. Gladioli, lilies, daisies, pansies and other miscellaneous stock is to be had, but is moving quite well, as are snapdragons, which are in much shorter supply than they were last week. Taken all in all, the wholesale florists seem to be pretty well satisfied with the orders that have been booked and nearly everyone agrees that it appears as if the Memorial day business this year will be much more satisfactory than it was in 1914. The florists that placed their orders well in advance, as they were advised to do, played safe, and in nearly all instances will be pretty well taken care of. The majority of the dealers were careful not to book too many orders and advised those to that effect who could not be taken care of, so as to give them every opportunity to look elsewhere for their supply.

Home-Grown Peonies

Sweet Peas - Roses - Carnations - Lilies
Candytuft - Yellow Daisies
Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

NOTES.

Miss Martha G. Gunterberg, the popular young wholesale florist, played the leading role in "The Divorce," which was presented last Sunday afternoon and evening by St. Francis' Dramatic Club at St. Alphonsus Athenaeum, Lincoln and Southport avenues, in honor of the fiftieth jubilee of Guardian Angel Orphan Asylum. Her photograph appeared in the Saturday, May 22, edition of the Herald and occupied about an 8-inch, double column space.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

LARGE CROPS

ROSES--CARNATIONS

For Memorial Day

Also Fancy Lilies, Sweet Peas, Valley, Peonies and Complete Line of Greens.

Buy Direct From The Grower. **Memorial Day Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**
Carnations, select	5 00
Carnations, after June 1	**$3.00 to 4.00**
Harrisii	12 50 to 15 00
Peonies	6 00 to 8 00
Valley	3 00 to 4 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 50 40

2,000,000 Feet of Modern Glass

C. Frauenfelder, 3343 West Madison street, is having a very busy season with a brisk demand for window boxes and bedding plants. The cold weather the past week has kept things back some in the landscape department, according to Chas. Werner, the proprietor's chief lieutenant, who has charge of this work. Mr. Werner and his men have just finished placing the grounds in condition adjoining Roger C. Sullivan's new home in Hinsdale, which was quite a nice order, and kept them busy for several days.

Bassett & Washburn are cutting quite heavily in Mrs. Chas. Russell roses right now and five houses, 38x300 feet, are in good crop and is a beautiful sight to see. Mr. Washburn speaks very highly of the rose Mrs. George Shawyer, which is just coming into its own, and says that this variety is in good demand with the local buyers and cleans up quicker than any other on their list. A good supply of Ophelia is now reaching the store, and the receipts of yellow roses are unusually large now.

A. T. Pyfer & Co. are supplying their trade with fancy roses from the Pyfer & Olsem range at Wilmette, where everything is in good crop for Memorial day. Sweet peas of fine quality are in good supply at this store this week. Mr. Pyfer says that the demand for stock for Memorial day is surprisingly large this year and that an unusually large number of orders for carnations have been refused the past week.

At Peter Reinberg's store the daily shipments of stock include a good supply of sweet peas, which are being grown quite extensively this year. Business has been very brisk this week at this house and everything so far points to a most satisfactory Memorial day trade. Killarney, My Maryland and Richmond roses are arriving in good supply now.

CUT FLOWERS

FOR

June Weddings and Commencements

Seventy-five expert growers supply us with enough stock to insure our customers a selection and variety of the finest product only. **'Nuff Sed. Order Here.**

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. **Chicago**

The Chicago Flower Growers' Association is featuring a large quantity of peonies this week in addition to its regular line of stock. Paul Klingsporn acknowledges a pleasant visit on May 25 from his old friend, I. Rosnosky, representing Henry F. Michell Co., Philadelphia, Pa.

At J. A. Budlong's store the shipping trade is very brisk for Memorial day and the force is working like bees to get all the orders out on time. Peonies and roses are both selling well, and it is impossible to supply anywhere near the demand for carnations.

A. Bauman, of Niles Centre, has placed an order with A. Dietsch Co. for three new houses, 25x200 feet, which will be devoted exclusively to the growing of carnations.

C. Clemenson, 7801 South Shore avenue, does a little wholesale business in plants occasionally and now has to offer a good stock of hardy myrtle.

USE Budlong's Blue Ribbon Valley.

Frank Schramm will grow carnations in his two new Foley greenhouses, 80x225 feet, at Crystal Lake, the first year, which will be followed by roses.

Hoerber Bros. are having their share of the Memorial day business and stock is cleaning up quickly at their store each day.

Miller & Musser are showing a good supply of the rose Minnetonka at their establishment this week.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

LARGE CROPS

BEAUTIES--ROSES--CARNATIONS

For June Weddings---School Closings

Try some of our Sunburst roses, they are particularly fine and unequalled for quality in this market. Nice large heads of a beautiful rich color, on strong straight stems, well laden with clean, healthy foliage. No matter what you need—always place your orders with us and get the best stock in this market at the most reasonable prices.

CURRENT PRICE LIST. In effect June 1.

American Beauties	Per Doz.
36-in. stems	$4.00
30-in. stems	3.00
24-in. stems	2.50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Sunburst	Per 100
Extra Special	$8.00
Selects	7.00
Fancy	6.00
Medium	5.00
Short	4.00
Roses, our selection	3.00

Carnations	Per 100
Fancy	$4.00
Good	3.00

Lilies, Fancy—Per 100, $12.50 to $15.00

Peonies—Per 100, 4.00 to 8.00

	Per 1000
FERNS	$3.50 to $4.00
SMILAX	doz., $2.50
ADIANTUM	1.00

SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c

A. L. Vaughan & Co. had a very good trade on May 23 when the receipts for the half day that the store was open were nearly as large as those of a normal day. The shipping trade is very good at this house this week, but Wm. Johnson, who has charge of the shipping department, is equal to the occasion and the orders cannot come too fast to suit him. American Beauty roses are arriving in larger quantities at this house now and are one of the chief offerings this week.

Wietor Bros. are cutting a large supply of choice Sunburst roses this week in addition to its regular line of stock, and is having a brisk demand for same. Business is very good at this house and it appears as if the Memorial day trade this year will be larger than ever, for they are in heavy crop with both roses and carnations. N. J. Wietor's son Harry, who is confined to the Evanston hospital with scarlet fever, is doing nicely and will be discharged soon.

Zech & Mann are receiving a large quantity of fancy spring blooming sweet peas which are in good demand and bringing good prices. Allie Zech, Fred Ottenbacher and Matt Mann called on several of their growers in Niles Centre on May 23 to get a line on stock for Memorial day. With the exception of carnations, everything appeared to be in fairly good supply and many orders have been refused for this item during the past week.

The John Kruchten Co. is occupying the old Kyle & Forester store and is featuring a fancy grade of Mrs. Chas. Russell and American Beauty roses. Archie Spencer is making the old Kruchten store his headquarters and where he will be located in the future.

H. Van Gelder says that the firm of Percy Jones never had as many orders for cut flowers for Memorial day as it did this year. Carnations as usual are the principal offerings at this store, and the supply this week has been unusually good.

Mike Seganos, of Hammond, Ind., was in the city this week buying stock for his Memorial day trade. He reports business as good and is a firm believer in advertising and is using considerable space in the papers there.

H. B. Kennicott, president of Kennicott Bros. Co., has returned from a business trip to Cleveland, O., and Max Ringier, secretary of the same firm, is back from a similar mission to Des Moines, Ia.

The Raedlein Basket Co. has had an unusually brisk demand for baskets the past few days, especially for bridal staff baskets, which is one of their leaders for the month of weddings.

Kyle & Foerster are now located in their new store on the main floor of the Atlas building, where they are better situated than ever to handle their increasing business.

W. H. Troyer, of Plymouth, Ind., was a visitor at Erne & Klingel's store this week. He reports business as good and is looking forward to a good Memorial day trade.

Chas. Moravek, 3226 Ogden avenue, has remodeled the interior of his store and everything is now in tip-top shape for a banner Memorial day trade.

Robert Newcomb, one of Vaughan's Seed Store's hustling traveling representatives, is back from a western trip, feeling as fine as ever.

Emil Blameuser, of Niles Center, has sold his rose range to a vegetable growing concern, who will take possession about July 1.

The next regular meeting of the Chicago Florist' Club will be held at the Hotel Bismarck, Thursday, June 10, at 8 p. m.

L. R. Bohannon, of the the Bohannon Floral Co., has returned from a visit to St. Louis and Kansas City, Mo.

A. F. Longren, one of Poehlmann Bros. Co.'s traveling representatives, is back from a successful business trip.

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

56 East Randolph Street, CHICAGO

TREMENDOUS SUPPLY

Seasonable

CUT FLOWERS

—FOR—

JUNE WEDDINGS

—AND—

SCHOOL CLOSINGS

Fritz Bahr is listed among the commissioners of Highland Park, one of our aristocratic suburbs.

John Schoepfle, 933 Belmont avenue, has bought a new seven-passenger Pathfinder touring car.

E. Galavan, with the A. L. Randall Co., left on an eastern business trip this week.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Denotes that we have a large supply of all Seasonable Stock, including the Fanciest Roses, Peonies, Carnations, Sweet Peas, etc., for June Weddings and Commencements.

FOR June Weddings

BEAUTIES PEONIES
CARNATIONS
ROSES VALLEY

A. L. VAUGHAN & CO.
(NOT INC.)
161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

Kroeschell Bros. Co. has received an order from Wm. Wiechtendahl, of Maywood, for the Kroeschell threaded tube heating system, to be installed in his new Dietsch house, 27.4x118 feet. This is the fourth order that Kroeschell Bros. Co. has received of this kind and reports from the users are that the threaded tube system is giving very satisfactory results. Fred Lautenschlager still likes the florist business and after he stops selling boilers for the day he waters the plants in his window boxes, of which he has 34 running feet at his home at 3500 North Herndon street. He thinks that fringed petunias are about as good a plant as there is for filling boxes at present, and one cannot help but agree with him after he sees what splendid condition his plants are in.

Poehlmann Bros. Co. is cutting a fine line of stock for Memorial day, which is selling briskly at the store each day. Some fancy American Beauty and Mrs. Chas. Russell roses are arriving in large supply, but are selling readily at good prices. Everything is going along nicely at Plant A, where Tony Gabel is now in charge of the carnation range, and Math. Yehl, assisted by his brother, Tom, is in charge of the roses. Tom Conlon is looking after affairs in the plant department, and H. M. Oeser is still on deck in the palm range. A large importation of palms arrived last week, and three more are due to arrive at almost any moment now.

Wm. Mailander, of Morton Grove, has received word from Germany that his two nephews, Hans and Herbert Mailander, were killed in recent battles, one on the French frontier and the other in the Carpathian mountains. The young men assisted their father in the florist business at Breslau before the war.

John Welsh, 4910 North Hoyne avenue, has found business fairly good the past season, especially in the bedding plant line, and while trade has slackened up a trifle during the recent cold spell, he expects to experience no difficulty in moving what stock he still has to offer at retail.

Harry Conn says that business has been good at the Englewood Flower Shop, 703 West Sixty-third street, and a nice trade is gradually being established. This store, which was equipped by Buchbinder Bros., is one of the neatest and prettiest in the city.

W. J. Ritterskamp, manager of the Princeton Gardens, Princeton, Ind., visited several of the large greenhouse establishments here this week and was most favorably impressed with the rose Mrs. Chas. Russell, as it is grown for the local market.

Emil Jehlik, 1825 South Ashland avenue, says that business has been very good the past few weeks as far as the demand for bedding plants was concerned, but that cut flowers have not moved any too well.

The Foley Greenhouse Mfg. Co. was awarded the contract for an extensive addition to the Ohio State University plant at Columbus, last week.

Weiland & Risch are starting to cut from their spring crop of sweet peas and are now showing nice stock in this line at their store.

O. A. Tonner is supplying her trade with a fancy grade of home-grown peonies.

Visitors: H. Sherwood, Waterloo, Ia.; John Lapes, Cedar Rapids, Ia.; C. E. Schaefer, with the LaCrosse Floral Co., La Crosse, Wis.; I. Rosnosky, representing Henry F. Michell Co., Philadelphia, Pa.; John Bauscher, Freeport; A. Forder, Cincinnati, O.

Chicago Fall Show.

Plans are in progress for a big fall exhibition to be held at Chicago next November. Committees representing the Horticultural Society and the Florists' Club met May 20, August Poehlmann, Carl Cropp, Arnold Ringier, A. Henderson, Geo. Asmus and N. Miller in attendance. A guarantee fund of $10,000 is suggested and the Coliseum and the Municipal Pier building have been mentioned as suitable places for the show. It is stated that the Association of Commerce will assist in making this the Chicago event of 1915 and the largest and best floral exhibition ever held in this city.

BERLIN, ONT.—N. M. Critchison, who has conducted a flower shop at Walkerton, Ont. for several years has taken the management of the Berlin Floral Co., this city.

CRESTON, IA.—Carl Gehrecke, proprietor of the Creston Greenhouses & Floral Co., was awarded contracts to plant flower beds at the Elks' club and court house grounds.

Cincinnati.

MEMORIAL DAY BUYING HEAVY.

The local trade is expecting a good business for Memorial day. Outdoor spring flowers, generally, will be done for and the people, to a large extent, will have to depend on the florist and their greenhouse flowers. Orders placed with the wholesalers have been very heavy. At the time of this writing business is fair. The call for stock is steady, but not as large as it might be. Shipping business is good. Roses are in a good supply and the receipts include excellent offerings in all the standard varieties as well as the newer ones. Carnations are not as plentiful as they were. Peony receipts take care of all present requirements and will probably be able to care for all for Memorial day. Other offerings include a good supply of lilies, lily of the valley, orchids, gladioli, cornflower and marguerites.

NOTES.

C. E. Critchell has been having excellent supplies of the new Radiance, Ophelia, Hillingdon and Ward roses.

H. Greensmith brought a fine lot of forced cactus dahlias into L. H. Kyrk's store last week.

E. G. Gillett's wire-working force, for the first time in several months, has about caught up with orders for wire baskets.

Geo. Klother is cutting some excellent sweet williams and outdoor Jack roses. They find a fairly good market.

Visitors: Joseph Hill, Richmond, Ind.; Mrs. L. A. Fennell, Cynthiana, Ky.; J. Donaldson of the Willowdeen nurseries, Sparta, Ky.; N. Kiger and wife, Marietta, O.; Martin Reukauf, representing H. Bayersdorfer & Co., Philadelphia, Pa. H.

St. Louis.

OUT-DOOR STOCK INFLUENCES MARKET.

The market the past week was influenced greatly by the weather and outdoor stock. Rains were general. Peonies have become more plentiful and sweet peas show a surplus. Outdoor roses are seen everywhere, and daisies are plentiful and cheap. Some good Mrs. Chas. Russell and Minnetonka roses are noted, a great deal of the general rose stock coming in open and soft. Fancy carnations are limited but much inferior stock is on hand. Good smilax is scarce. Hardy ferns are in and $2 per 1,000 is asked. Sprengeri and plumosus are selling well. The prospects for Memorial day are scarcity in fancy stock.

NOTES.

Otto Koenig, alderman of the twenty-seventh ward, appears to be very active in promoting everything for the welfare of the city. His brother, Julius, our city forester, seems to give general satisfaction.

The display of blooming and decorative plants at Ostertag Bros., at Jefferson & Washington avenues, attracts much attention from the patrons of the street cars.

The sunken garden at Fourteenth and Locust streets presents a beautiful appearance with its handsome fountain and beautifully laid out flower beds.

Geo. H. Angermueller had some of the most beautiful cattleyas ever seen here. They were raised at W. J. & M. S. Vesey's greenhouses, Ft. Wayne, Ind.

Wm. C. Smith Wholesale Floral Co. has very pretty window boxes, well filled and sets a good example for artistic floral decoration.

F. H. Weber furnished several corsage bouquets of sweet peas and lily of the valley at a dinner given at the Mercantile club.

Alton Floral Co., Alton, Ill., is putting up two rose houses, 40x100 feet. They report trade as increasing.

No. 121.

BRIDAL STAFF BASKETS

Made of Reed.
16 inches wide, 50 inches high.

Stained $2.25 each

Enameled $2.50 each

Every florist should always have a few on hand, for the bridal staff baskets are becoming more and more popular each year. Order a few today.

RAEDLEIN BASKET CO.

713 Milwaukee Ave., Chicago

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

Some pretty bunches of corn flowers were seen on the counters at the Windler Wholesale Floral Co.

Alexander Waldbart & Sons report general nursery and planting out trade as flourishing.

Mullanphy Florists were very busy the past week with plant and shrub sales.

Mrs. Max Pelletier is a daily visitor at the market and is a good buyer.

Cape jasmine are expected in this week. The crop is late.

O'Leary, the Florist, is out with his new delivery car.

Ayres Floral Co. is out with a new delivery car. W. F.

STURGEON BAY, WIS.—Mrs. Arnold Wagener has removed her florist shop from the Hay building to the Peschor building.

COLD SPRING, N. Y.—J. S. Cunningham, while riding on a street car in New York, May 25, was thrown against an elevated railroad pillar and seriously injured.

Washington.

HEAVY RECEIPTS GLUT MARKET.

There is considerable complaint in the wholesale market, as stock is not moving as fast as it should, but this, from the writer's viewpoint, comes from over-production just at this time of the year. It seems as if every grower in this vicinity is trying to show how large a shipment he can send to the local market. Peonies, which are over-plentiful just now, are taking the place of all other flowers and can be had at from $2 to $4 for the very finest of varieties. Extra fine gladioli, such as America and Northern Light, bring $6 to $8 per hundred. Roses of all kinds, such as Killarney, Radiance, Hillingdon, Sunburst, Hadley, Richmond, Shawyer, Aaron Ward, Carnot, My Maryland and Mock, can be had at from $2 to $8 for fancy per hundred. Carnations, sweet peas, snapdragons and daisies, both colors, are plentiful and can be had at buyer's prices.

NOTES.

Geo. Lavalle is sending in some extra good lily of the valley, which finds a

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

For JUNE WEDDINGS

SPLENDID VARIETY--MAGNIFICENT STOCK.

Beauties-Russell-Killarney-White Killarney-Killarney Brilliant-Richmond-Ophelia-Mrs. Ward-Bulgaria-Sunburst and Maryland Roses. All the best Carnations in all the old and new varieties. Peonies-Valley-Lilies-Snapdragons-Gladioli-Stocks and Greens.

SWEET PEAS.

Beautiful spring blooming Sweet Peas in all the desired shades in quantity to meet the demand. This stock is without question the finest obtainable in the Chicago market and is used largely by the leading local florists in their best work. Our line is so complete that if any particular item is desired and is to be had it is usually at our establishment.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Centra 3284 3283 Chicago

ready sale through the Leo Niessen Co. He hopes to be able to supply the local trade with this stock the coming year.

Washington Florist Co. is sending in some of the finest Sunburst and Hadley roses they have had this year, for which they have large demands. They are the only growers of these roses in this vicinity.

J. L. Loose and wife are enjoying a needed rest after a busy season at Atlantic City.

Every florist seems to be getting his share of the commencement orders.

Visitors: W. Craig and J. Goudy, Philadelphia, Pa.; J. C. Ryerson, Newark, N. J. G. C. D.

Boston.

BUSINESS SHOWS BETTER TONE.

Although business during the first three days of the past week was very quiet, it took a decided change for the better during the last half. The supply in nearly every line has perceptibly shortened as growers are holding back for Memorial day business. From all reports, it seems as though there would not be such an abundance of flowers as there was last year and it is hoped that prices will continue strong. Thousands of artificial wreaths have been prepared by the retailers and the sale on them is being pushed in an effort to cut the high prices on cut flowers for the occasion. It looks, though, as if the retailers were overdoing their wreath business. The temporary stores which have sprung up all over the city have stocked heavily and nearly all the larger stores have doubled the amount for this season. Perhaps after wreaths become so common, the public will demand the real thing, rather than these paper imitations.

NOTES.

A bowling match between the Boston Flower Exchange and The Boston Co-operative Flower Market was held May 20. The boys from the co-operative market won by a margin of 25 pins. The highest individual average for the three strings was rolled by A. Harrington, employed by W. H. Elliot, his total being 302.

The pink Supreme carnations from J. H. Leach & Son, of North Easton, Mass., are coming very fine just now. This variety, which was originated by them, seems to improve rather than depreciate in color and size under the hot sun. They will have a good cut of assorted carnations for May 30.

McAlpin & McDonald at 250 Devonshire street have built a new refrigerator 40 feet in length. They have also added a new automobile to their delivery service. They are receiving an especially fine cut of carnations from Frank Putnam, of Tewksbury.

Joseph Kopelman, of Providence, R. I., reports business in his vicinity to be very good. He is cutting from his range in East Providence, carnations, callas, stocks and gladioli, all of which are used at the wholesole house on Eddy street.

The Gardeners' and Florists' club had a "field day" at the Arnold Arboretum, May 21. There were 65 in the party and a most enjoyable and interesting day was spent.

The Mishawum Flower Co., of Woburn, has a fine crop of pink spiræas for the holiday trade. Their entire plant will be devoted to cucumbers after May 30.

The stork visited the home of John Cummings in Woburn, with an eight-pound boy, May 18. His friends at the markets join in offering their congratulations.

Some of the finest Spencer sweet peas seen are being cut by J. W. Simpson, of Woburn. He also has a good crop of yellow marguerites.

John Davie, of Wakefield, is cutting some of the finest ixias coming to the city. He also has a nice lot of Blanche Ferry sweet peas.

John R. Shield has a good crop of very fine feverfew for Memorial day. His Spencer sweet peas are of very high quality.

Miss Gladys Firth, of East Boston, daughter of Wm. Firth, florist, will marry Wm. H. Burke at Dorchester, June 9. F. L. W.

Ft. Wayne, Ind.

MEMORIAL DAY SHORTAGE ANTICIPATED.

There has been a splendid demand for cut flowers the past week and the stock has been in excellent shape to meet the call. Wedding, pre-nuptial parties, commencements and funeral work constitute the heavy demand and the improvement in the weather conditions has opened up the season for bedding plants. Flowers for Memorial day will in all probability be scarce. Out-of-door peonies are in the market, but only in small quantities and it is feared that unless warmer temperatures prevail, they will be at a premium. German iris is on the market and miniature gladioli have made their appearance and find much public favor.

Largest Cape Jessamine (grandiflora) farm in the U. S. We have a surplus of

500,000

Buds, which must be moved from June 1st to 20th. To do this we are going to offer the following **sacrificing** prices:

	Per 100	Per 1000
Class X, 12 to 18 in. stems...	$1.15	$10.00
Class A, 8 to 12 in. stems...	.75	6.40
Class B, 4 to 8 in. stems...		4.00

These low prices coupled with the low (fruit vs Cape Jessamine buds) express rates put them to you at a song as compared with other flowers.

The Cape Jessamine is the prettiest of **all flowers** for **all** occasions. Waxy white, **very** fragrant, 4-in. in diameter; foliage glossy green.

Can ship anywhere. Parties unfamiliar with Cape Jessamine buds try a sample shipment. They will make you money.

A1, fresh buds on first train sure.

Rush order. Terms F. O. B. Alvin. **Write, Phone or Wire.** Cash or C. O. D.

Alvin Cape Jessamine & Floral Company.

Alvin, - Texas

Spanish iris is not so plentiful. Snapdragons are good. Sweet peas are not so abundant but roses and carnations are plentiful. Some fine Ophelia, Sunburst and Reid roses are to be had. The call for bedding plants in all varieties is very heavy. Hydrangeas, deutzias, snowballs, ramblers and other flowering plants take well.

NOTES.

The equal suffrage bridge party given at the Commercial club, Saturday, May 22, was the occasion for extensive floral decorations. Yellow and white, the suffrage colors, were carried out in the flowers, which were Ophelia and White Killarney roses, snapdragon and

ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF CUT FLOWERS

Prices As Low As Others.

out-of-door flowers. The prizes were artistic baskets of cut flowers, which were donated by the Flick Floral Co., the Bradley Flower Shop and Miss Doswell.

The Flick Floral Co. had the decoration for the opening of the large department store of Teppel Bros., May 22. Great quantities of huckleberry vine were used in the decoration, as well as American Beauties, Gladiolus America and antirrhinums.

H. K.

Pittsburgh.

AMPLE MEMORIAL DAY SUPPLY PREDICTED.

A good amount of muchly needed and appreciated rain fell at the end of the week, but was more or less detrimental to transient business, however. It is exactly what the peony growers wanted, in order to get their crops in for Memorial day, but even at that, there are many who will not be able to cut any flowers at all for this day. But, on summing it up, the wholesalers predict that there will be enough to supply all needs, and look for one of the best years ever in the line of peonies. Carnations are very scarce at the present time and, most probably, will be the same from now until the end of the season, which, by the way, is not so far off. Roses are still plentiful, and heavy crops of Kaiserins are being disposed of daily. The sales of American Beauties have been poor, but, at the last minute, seem to have taken a brace, and are moving a little better now. Lilies are very plentiful, and the market is well supplied with outside lily of the valley and gladioli from the Virginia fields. Some of them are being shipped from as far as Florida, but the long journey is a little too much for them. Sweet peas still appear, although their season is officially over. The market is overstocked greatly on green goods. The plantsmen are all very busy, of course, and the prices realized on pot stock is comparativley low this year. But, in the long run, there is not much money in this end of the business, and the retailer barely gets enough in return to pay for his work and delivery.

NOTES.

The big subject around the downtown flower markets is the wedding of Abe Krongold, proprietor of the Victoria Flower Shop, which took place Sunday evening at the home of the bride, formerly Miss Lena Simon, of Locust street. After much merry-making they eluded their friends and made away to their new home in Beechview. The trade extends hearty congratulations and best wishes to Mr. and Mrs. Krongold.

De Forest Ludwig, of the E. C. Ludwig Floral Co., writes from the heart of the Canadian Rockies that he will be on his way back home in a week, after having spent three wonderful months throughout the Pacific coast. The firm is cutting a heavy crop of lilies at Mars. Business is good, especially in artificial floral pieces, and this firm probably does more of this work than any of the other retailers in the city.

G. M.

Texas State Florists' Association.

As announced in the columns of THE AMERICAN FLORIST of May 15, the convention of the Texas State Florists' Association, will be held at Ft. Worth, July 6-7, and in extending a cordial invitation to florists in general to attend. R. C. Kerr, president of the Texas state organization, has addressed the following to presidents of different southern societies:

"You have probably heard of our coming state convention to be held in Ft. Worth July 6-7. The florists of Texas especially urge that ..... which I understand is composed of all the florists of the city, attend this convention. It is not our intention to make this just a state affair, as we are inviting the florists of the entire south to be with us.

"Will you be so kind as to see that every member of the organization gets a copy of this invitation? If it will not be too much trouble, please send me a complete list of the members of the society, and I will try to get in direct touch with them also. Take advantage of this opportunity and see the good that is being derived from our Texas organization."

President Kerr also states that in addition to the programme published in these columns May 15, page 873, additional papers in the "Round Table Discussion," scheduled for the first day, July 6, will be given as follows:

"Carnations as a Profitable Crop in Texas"—Led by Bird Forrest, Waxahachie, assisted by H. Kaden, Gainesville, and E. O. Wessinger, Beaumont.

"How to Treat Our Competitors"—Led by H. O. Hannah, Sherman, assisted by J. E. McAdams, Ft. Worth, and H. Kuhlmann, Jr., Houston.

"The Retail Flower Store and its Management—Some Methods of Saving Time and Material"—Led by H. Greve, Dallas, assisted by F. C. Suchy, San Antonio and Chas. Alff, Jr., Austin.

"Why Woman Is Indispensible in the Florist Business"—Led by Mrs. Annie Brigance Wolfe, Waco, joined by all ladies present.

"Florists as Advertisers and Bookkeepers"—Led by R. C. Kerr, Houston, assisted by A. F. Koehle, Sherman.

NORWICH, CONN.—William B. Foster has sold his greenhouse business to Louis Rankin.

NEWTON FALLS, O.—The Cleveland Cut Flower Co. will add another greenhouse to its range here this summer.

JOPLIN, MO.—H. A. Hall, florist, has been awarded a contract for 6,000 plants to be set out in Fairview cemetery in June.

OWOSSO, MICH.—The Owosso Floral Co. will erect a two-story brick building, 25x65 feet, at Main and Ball streets, replacing its former store.

W. E. Trimble Greenhouse Co.

WHOLESALE FLORISTS

Telephone 2416. PRINCETON, ILL.

Memorial Day Price List

On Cut Flowers, In Effect May 24th, 1915.

ROSES

Red Richmond, Milady, White Killarney, Pink Killarney, New American, Killarney Queen.

Very short, 6 inch to 12-inch	$0.03
Good short, 12-inch to 14-inch	.04
Medium long, 16-inch to 18-inch	.06
Long, 20-inch to 24-inch	.08
Special, 30-inch to 48-inch	.10

PEONIES

Very good pink and white	.04
Fancy	.06
Selected long	.08

SWEET PEAS	Per 100
Winter blooming	$0.75
Spencer—Butterfly	1.00
DAISIES	1.00

AMERICAN BEAUTY	Per doz.
Short	$1.00
Good short, 18-inch to 20-inch	1.25
Medium, 24-inch	1.50
30-inch, long stem	2.00
36-inch	2.50
Specials, 48-inch	4.00
Extra specials, 72-inch	5.00

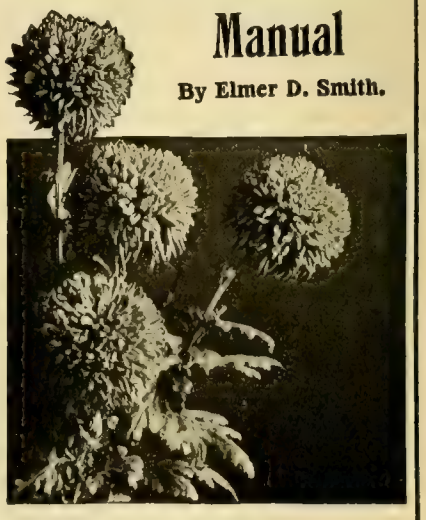
GREENS

Asparagus Sprengeri Sprays	bunch, .25
Asparagus Plumosus Sprays	bunch, .25
Asparagus Plumosus Strings	per 1000, 1.00
Eastern Fancy Ferns	per 1000, $3.50 to 4.00

All quotations are subject to change, and stock being unsold on receipt of order and subject to shortage of stock the day of shipment, or causes beyond our control. Order now—do not wait.

The Chrysanthemum Manual

By Elmer D. Smith.



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30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

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JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

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Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 3619

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

WOLCOTT, N. Y.—Geo. Bousquet, of Gloversville, N. Y., is planning the erection of a greenhouse.

MUSCATINE, IA.—The board of education has appropriated $50 for shrubs and plants for school grounds.

NEW BRIGHTON, PA.—A neatly arranged flower shop has been opened at 813 Third avenue by H. L. Thompson.

NEWARK, N. J.—Edward Larkin, aged 71, florist, died May 13 of injuries caused by being run over by a truck.

SPRINGFIELD, N. J.—A greenhouse range on Westfield avenue is planned by J. N. Jacobsen and Dr. W. B. Morris.

WALKER, MINN.—Plans are being made for the erection of a greenhouse to cost $2,000 in connection with the state sanitarium.

NEWTON, N. J.—J. Cooke Hendershott of this city has been appointed receiver for the New Jersey Gardens Co., of LaFayette, N. J.

SANDWICH, ILL.—J. C. Moninger Co., Chicago, have plans for a retail house for Mrs. Francis Spickerman, to be used for display purposes.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

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163-5 NO. WABASH AVENUE CHICAGO

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E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

Price List—In effect June 1,	Per doz.
Roses, Beauty, specials	$4 00
" " 36-in.	3 50
" " 30-in.	3 00
" " 24 in.	2 50
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
" Mrs. Chas. Russell	1 00@ 2 50
	Per 100
" Killarney Brilliant	2 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	2 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	2 00@10 00
" Milady	2 00@10 00
" Sunburst	2 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	2 00@10 00
" Ophelia	2 00@10 00
" Our selection	3 00
Carnations	2 00@ 4 00
Cattleyas ...per doz.,	6 00
Gardenias....per doz.,	3 00@ 4 00
Gladioli	4 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Snapdragons..per doz.,	50@2 00
Spanish Iris	4 00@ 8 00
Sweet Peas	75@ 2 00
Tulips	3 00@ 4 00
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns	3 00@4 00
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy....per 1000,	5 00@6 00
Plumosus Strings..each,	60@ 75
Smilax.....per doz.,	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 35c per lb.	

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy American Beauty, Richmond, Killarney and White Killarney roses. All orders given prompt attention. Try us.

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U S Budlong's E Blue Ribbon Valley.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave., CHICAGO

Booking Orders Now For
FIELD GROWN CARNATION PLANTS
Place your order now. Delivery will be made when you are ready for them.
THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

WEATHER CONDITIONS HARD ON STOCK

The extremes of weather usual with us at this season have alternated with the days of the past week. This is hard on the roses and much of the stock shows signs of mildew. For all the business there is, however, a surplus exists in many lines. Peonies are coming in fast and will apparently be at their height about Memorial day. The quality promises to be very fine and prices are about the same as last season. Sweet peas are off, the inside crops being about over, with the outside stock not yet in evidence. Carnations appear not overly plentiful and prices will hold stiff until after Memorial day.

NOTES.

Many claims have been made for the newer sorts of roses. Mrs. Shawyer, which showed up well last fall and during the early winter, is now a poor color and very soft. Mrs. Ward is a winner. Sunburst is also good, but pales out very soon, only the tight buds holding the beautiful orange or coppery tint that is so admired. The Killarney, while it develops rather rapidly at this time, holds its wonderful color to the very last; it is not a "has been" or even open to this suspicion, and the grower who discards it for an untried introduction may live to regret his action. Little Sweetheart has made a place for itself and is sure to be found in next year's list. Killarney Brilliant is just now very near a red, and is called by some the red Killarney.

The annual flower market held under society auspices in Rittenhouse square was a great success. Its proceeds being for charity, the trade was expected to chip in and did so liberally. H. H. Battles donated 1,000 4-inch geraniums; others gave window boxes, pot plants, baskets of cut flowers and loose flowers. Edward Reiger, 267 South Twentieth street, captured the first prize of $5.00 for the best window box, and the Pansy Shop, the second. A riot of color was the theme, the flower pots and tubs being painted in solid reds, blues, green, yellow with contrasting kinds of other colors. Awnings over the booths were very gay as were the dresses of the society ladies who acted as salesladies.

A grower, in speaking of Spencer sweet peas, claims that there is but one strain of the Spencer, and wonders how the seedsman can get the wonderful difference in the price of the seed of the summer and so-called winter forcing varieties. The seed is raised in the Lompoc region of California, flowers and ripens all together, and the summer sorts would do just as well inside, taking the difference in the weather conditions and sunshine of the winter, as they do in the open air. Who knows differently, and why?

Edward Reid's total of white carnations for Mother's day week was something over 106,000. We have no doubt that a bunch of the finest found its way to the desk of Miss Anna Jarvis as a tribute to the founder of this day, and a beautiful custom which has so benefitted the florist's business.

The Robt. Craig Co. is having wonderful run on crotons and high colored dracænas. The stock is very large, but is cleaned up every season, the demand seeming, in spite of wars and other obstacles, to be ever on the increase.

The Leo Niessen Co. is well prepared for Memorial day, having the largest stock of peonies coming they have ever handled. Carnations will also be a feature.

Berger Bros. are there with a fine line of gladioli and peonies for the coming week. Choice lily of the valley and Maryland roses are also a feature.

The Jos. Heacock Co. is cutting a heavy crop of Killarneys which are free from mildew and a splendid color. Mrs. Ward is also a feature.

The M. Rice Co. are busy with June wedding accessories. There is a great demand for their shepherd's crooks.

K.

Wholesale Flower Markets

BOSTON, May 26.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	3 00@ 4 00
" select	4 00@ 6 00

BUFFALO, May 26.	
Roses, Beauty, special, doz.,	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	2 00@ 4 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00

CINCINNATI, May 26.	
Roses, Beauty	per doz., $1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	8 00@10 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus	per bch., 25c
Carnations	2 00@ 3 00
Orchids, per doz	3 00
Sweet Peas	35
Peonies	4 00@ 6 00
Gladiolus	4 00@ 8 00

ST. LOUIS, May 26.	Per 100
Roses, Beauty, medium	10 00@20 00
" short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	2 00@ 3 00
Orchids	35 00@50 00
Violets	25@ 40
Asparagus Sprengeri, per bu.,	25@50
Asparagus Plumosus, per bu.,	25@60
Harrisii	6 00
Sweet Peas	20@ 40
Callas	6 00@ 8 00
Ferns	per 1000, 2 75
Leucothoe	per 100, 60
Galax	per 1000, 1 25

Patrick Welch
Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.
American Beauties, Orchids, Valley, Carnations.
All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
1225 Race St., Philadelphia, Pa.

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"The" Wholesale Florist of Cincinnati
32-34-36 East Third St. CINCINNATI, OHIO
Consignments Solicited.
Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of
Florists' Supplies
THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

For Decoration Day

PREPARED MAGNOLIA LEAVES.

Best quality. Green, Brown or Red. About 1000 leaves to a box. All leaves are good medium size. They are bound to please you.

1 box (or more) .....per box, at $1.35
5 boxes (or more).....per box, at 1.30
10 boxes (or more).....per box, at 1.25

Special low price on larger lots. Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH
Wholesale Floral Co.

WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

O. R. Eckhardt Co.

WHOLESALE FLORISTS.
ST. PAUL, MINN.
Shippers of Home-Grown Cut Flowers and Florists' Supplies.
Phone N.W. Cedar 7067. Phone Tri-State 2153. 318 Minnesota Street

Florists' Club of Philadelphia.

At the next monthly meeting of the Florists' Club of Philadelphia, June 1, the subject of "Automobile Delivery" will be treated in a paper to be read by F. W. Beirn, of the White Company, Philadelphia. Some interesting facts regarding the efficiency, operating costs and general uses of motors in the delivery of floral products will be furnished.

ST. CATHARINES, ONT.—Local florists report the best Mothers' day demand since its inception, with great difficulty to supply call for carnations. Indications are for a splendid spring business.

INDEPENDENCE, KANS.—W. H. Barnes, former state secretary of horticulture, threw the first spadeful of soil from the $40,000 city hall, May 18. Mr. Barnes was one of the early settlers of this county.

LANSDOWNE, PA.—At the flower show to be given here June 5, under the auspices of the Natural History club, of which George L. Pennock is president, three medals offered by the American Rose Society are included in the prize schedule. Samuel S. Pennock, of the S. S. Pennock-Meehan Co., Philadelphia, has over 200 varieties of outdoor roses growing on his home grounds here.

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206
448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, May 26.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus.....per bunch.	50

PITTSBURGH, May 26.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00
Carnations	1 50@ 2 00
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00@ 4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Peonies	4 00@ 6 00
Asparagus Sprengeri, per bunch,	35@40
" Sprays.....per bunch,	35@40
Snapdragon	4 00@ 6 00

HARTFORD, MICH.—L. E. Davis has completed the erection of a new greenhouse, 30x100 feet, on Linden street. This gives him two houses with a combined area of 5,500 feet under glass. Mr. Davis is also planning additional greenhouses and the installation of a new heating system during the coming summer.

RICE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, May 26.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@ 6 00
" Mrs. Chas. Russell	5 00@25 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	5 00@ 6 00
Lilies	10 00@12 50
Snapdragon, per bunch,	50c@$1.00
Sweet Peas	75@ 1 50
Valley	4 00
Peonies	5 00@ 8 00
Daisies	75@ 1 00

FAIRMONT, MINN.—John Skjeivik and J. Lenz of Minneapolis have acquired the Larson property on South Albion avenue and will build two greenhouses, one 28x36 and another 22x100 feet. Other greenhouses and an office building will be added later.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, $6.95

300 Bulbs, $18.00
1200 " 70.00

C. S. & CO. NEW YORK

LILY OF THE VALLEY PIPS

1000 Pips, $15.00
2500 " 35.00

$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

BACKWARD WEATHER RETARDS TRADE.

At this writing "balmy spring" has not arrived. If the few warm days in April raised high hopes in the breasts of horticulturists, agriculturists or ice cream vendors, said high hopes have been dashed. We now, in this country, have so many days that we are expected to observe or celebrate that it is hard for a busy man to keep track of all of them, but if our memory does not fail us, it was May 15 that was fixed for "straw hat day." Now, it is a fact that since that date the weather has been getting worse and worse, and it looks odd to see many men going about in straw hats and winter overcoats. The past week opened very cool and continued cool. On the morning of May 21 rain began to fall and the day was thoroughly disagreeable. The supply of stock has been considerably reduced, notably in carnations and roses. In times past it would have been said that indications point to a short supply of these stocks, particularly carnations, for Memorial day. However, this market draws its supply from such a wide field that no accurate forecast can be made. Carnations are not plentiful and prices are advancing, but if a week of sunshine follows this cold spell, conditions may greatly change. Special American Beauty roses remained steady at $25 per 100 throughout the week. On May 20 there was some talk of $30, but if a few reached that figure the price dropped back to $25 on May 21. If the retail business was good, stock would go up with a jump, but as it is, if a stock goes up one day it is liable to go down the next. Orchids and gardenias remain very cheap. We have noted placards in retail stores offering the "best" cattleyas for 50 cents each. Whether they were the best or not, the best can be bought, wholesale, for 30 cents and 35 cents each, or at that rate. The orchid flowering sweet peas seem to be doing fairly well, but short and inferior stock is hard to move. We may now say good-bye to the jonquils and tulips, but the peonies are well started and it will only take a week of warm weather to bring them in great volume. There is quite a stock of outdoor lily of the valley on the market, selling cheap. There is an average supply of lilies and prices are about the same as our quotation of last week. To sum up prospects for Memorial day, no strong demand is expected from local retailers, but neighboring cities and towns may buy heavily in this market.

May 22.—The day brought a disappointment. Bad as business may be throughout the week a clean-up is expected on Saturday. In the New York Cut Flower Exchange, the early morning market, there was considerable activity, and the New York Cut Flower Co. opened under favorable conditions. About noon, rain began to fall and by 2 p. m. it was a deluge. From that time on practically everything was tied up.

May 24.—The market is quiet. Carnations are moving upward in price, $4 per 100 being now paid for the best. Other stocks remain about the same. There is a marked increase in the supply of peonies.

NOTES.

The news of a shocking tragedy comes from Catskill, this state. On May 23 Henry Lang, a florist, shot and killed Ruth Hammer, aged 13, and Ida Beach, aged 14 years. Lang then went to his boarding house, locked himself in his room and put a bullet through his own heart. It is stated that Lang was formerly in business in Albany and that he never drank and was never seen in the company of women, but was believed to be eccentric. It is now believed that he had an insane infatuation for Ruth Hammer. He had sent her many flowers and several of her photographs were found in his room, which it is believed he had taken. As he was over thirty years old, no notice was taken of these attentions to the child, it being supposed they were merely friendly acts. The girls were out for a walk when he overtook them. What he said will never be known, but both started to run. It was then he fired, first killing Ida Beach and then Ruth Hammer.

J. Ebb Weir & Co., Inc., Brooklyn, successors to James Weir, Jr. & Son, have a very ornamental conservatory and retail store opposite the main entrance to Greenwood cemetery. There are also several houses for plant growing at that place. Their largest glass area is on Fort Hamilton avenue on the opposite side of the cemetery, where they have 42 medium sized houses, their total glass area being about 100,000 square feet. At the Fort Hamilton avenue range they have a great stock of finely flowered geraniums and other plants, nearly all of which will be used in cemetery work. They also manage the cemetery service of the Charles Krombach estate. The firm of J. Ebb Weir and Son have a range of 35,000 square feet at Jamesport. L. I., N. Y.

Frank Manker, Gravesend and Fort Hamilton avenues, has recently taken his two sons, Frank, Jr., and Philip, into partnership, the firm name being Frank Manker & Sons. They have a fine range of nearly 50,000 square feet of glass, and a store. Several new houses have been erected in recent years, the construction being iron frame and concrete walls. They grow both cut flowers and bedding plants, having lilies coming on throughout the year. They also have a large cemetery business.

We copy the following interesting horticultural item from the "Gotham Weekly Gazette" (in New York Tribune):

"New Rochelle Nubbins."

"The Pk. dept. was recipient this wk. of a rare cactus plant from Charley Kammermeyer, the city clerk, which was placed at the entrance to Hud Pk. The cactus is 55 yrs. old & has been named after Mr. Kammembeyer's twins, Alberta & Marion."

John Cuff, Sr., father of John Cuff, the well known retail florist of 428 east 138th St., died at Lincoln Park, N. Y., May 21, aged 84 years. Mr. Cuff was a native of England and came to New York in 1841. He followed his trade, that of a hatter, in this city for many years. Since his retirement from business he occasionally visited here, and was fond of comparing conditions in this city with what they were when he first arrived.

John Condon is another of the Greenwood cemetery florists who has an extensive range, and does a large business. He too, has a store and range on Fifth avenue and another on Fort Hamilton avenue. At the latter range we found an old friend, and capable foreman, in the person of Fred H. Wilshire, who is known to many who attend conventions and flower shows.

Isaac Abrams, who has a good store at 123 Seventh avenue, Brooklyn, makes a specialty of fine window decorations, his latest being well flowered hydrangeas, daisies and cut orchids. Isaac says he has bought a new automobile and with Mrs. Abrams and S. Masur and Mrs. Masur will travel by that conveyance to the Panama-Pacific exposition, but some of the boys think he is joking.

Frank Supplee, manager of the retail store of Thomas Young, Jr., had an addition to his family May 20, a boy. He now has three girls and two boys. No race suicide in that family.

J. C. Vaughan, who has been spending a week at Vaughan's Seed Store in this city, visited the wholesale district May 22.

Guttman & Raynor, Inc., in addition to other good stock, are offering fine centaureas.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

JOHN YOUNG
Wholesale Commission Florist
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.
I wish to assure my friends throughout the country that all orders to be shipped, will receive my personal attention. Choicest stock in America.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone. Madison Sq. 5335

J. K. ALLEN Established 1878 118 West 28th Street New York

Wholesale Commission Dealer in Cut Flowers.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Consignments Solicited. Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer

Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

Walter F. Sheridan
Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi
Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

The retailers of this city who conduct summer stores at Newport, R. I., are now on the move and will open about June 1. This includes Wadley & Smythe, A. T. Bunyard, Ralph Armstrong and J. G. Leikins, Inc.

Victor Warendorff of the Ansonia Flower Store is now in California. Herman Warendorff, head of the same firm, will go in August and attend the S. A. F. Convention.

Morris Zarnow, of the Marguerite Floral Co., Brooklyn, appeared in the wholesale district a few days ago, wreathed in smiles—Boy.

Joseph Millang, of the New York Cut Flower Co., is receiving the finest pink peonies we have noted.

John B. Nugent has posted a notice in his store to the effect that hereafter he will close on Sundays.

Henry Hart will open his summer store at Far Rockway about June 1.

Visitor: President Patrick Welch, of the S. A. F., Boston, Mass.

A. F. F.

Horticultural Society of New York.

An exhibition of this society, in cooperation with the American Rose Society, will be held Saturday and Sunday, June 5-6, in the Museum building, New York botanical garden, Bronx park. The features will be roses and peonies. Schedules will be sent on application to the secretary, George V. Nash, New York botanical garden, Bronx park, New York.

The American Rose Society offers the following medals as sweepstake prizes: Silver medal, for the best collection of outdoor grown roses; bronze medal, for the best vase of outdoor grown hybrid teas; bronze medal, for the best vase of outdoor grown hybrid perpetuals.

An invitation is extended to all lovers and growers of hardy roses to take part in the exhibition, and to those interested in the peony a like invitation is extended. Premiums are also offered for exhibits not provided for in the schedule.

GEORGE V. NASH, Sec'y.

Geo. C. Siebrecht
WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIDERATIONS SOLICITED

Wholesale Flower Markets

NEW YORK, May 26.	Per 100
Roses, Beauty, special	15 00@25 00
" " extra and fancy	8 00@10 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	1 00@ 8 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	4 00@ 6 00
" Mrs. Geo. Shawyer, special	3 00@ 6 00
" " " extra	2 00@ 3 00
" " " No. 1 & No. 2	50@ 2 00
" White Killarney, special	4 00@ 6 00
" Killarney, My Maryland...	
" " special	4 00@ 5 00
" " No. 1 and No. 2	50@ 2 00
" " Queen, special	2 00@ 5 00
" " Brilliant	50@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 5 00
" Sunburst	50@ 6 00
" Taft	50@ 5 00
" Milady, special	50@ 6 00
" J. L. Mock	1 00@ 6 00
" Hadley	1 00@15 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	2 00@ 4 00
Cattleya Orchids, special	25 00@35 00
" " inferior grades	15 00@20 00
Lilies, Longiflorum and Harrisii	3 00@ 5 00
Lily of the Valley	1 00@ 2 50
Gardenias.....per doz., 75c@$1.00	
Adiantum Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	1 25@ 1 50
Sweet Peas, per doz. bunches.	.25@ .50
" " Spencer type, 100 flowers.	1.00@1.50
Peonies, special pink.....per doz.	1.00@1.25
" other colors and inferior stock,	35c@50c
Gladiolus.....per doz.,	25c@35c

United Cut Flower Co., Inc.
WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.
Mention the American Florist when writing

Guttman & Raynor, Inc.
A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck
Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.
Mention the American Florist when writing

HORACE E. FROMENT
WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER
Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

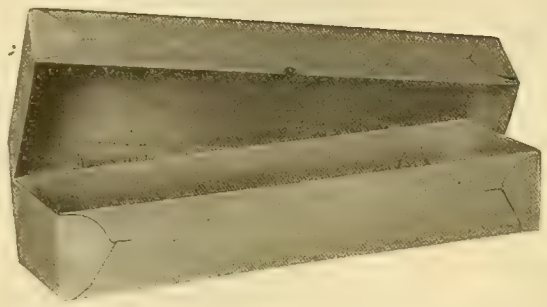
N. Y. Cut Flower Exchange
Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company
FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing.

George B. Hart
WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford
121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing.

Mention the American Florist when writing.



Your flowers will look better if you deliver them in

SEFTON FLOWER BOXES

Get the advertising value of a smart looking package. We can supply you with almost any non-fading shade of finish paper over the best boxes made. Ask your paper jobber.

You ought to have our Catalog (illustrated in colors) also price list and samples; sent on request.

THE SEFTON MFG. CO., 1333 W. 35th Street, CHICAGO, ILL.

Columbus, O.

MEMORIAL DAY PROSPECTS PROMISING.

Bedding business is extra good this season. Some florists are swamped with orders and geraniums and other bedding stock are growing scarce. Trade in a general way is quite satisfactory. With anything like reasonable weather there will be a great supply of peonies for Memorial day. Orders already placed by consumers indicate a heavy demand, in spite of the outdoor competition. The output of local greenhouses and shipments from near-by surrounding points will be equal to demand, it is believed, without drawing very heavily upon western growers. The prevailing price asked for Memorial day delivery of peonies is $1 per dozen, but some very choice stock will be held at $1.25 and $1.50. Carnations are of good yield, but not too plentiful to force down prices. They are bringing 75 cents per dozen. Lilies are also available in free quantities. There is much activity in magnolia, galax and French moss wreaths for cemetery purposes. Some of the florists are giving much attention to baskets as a Memorial day feature this year.

NOTES.

For the past week the retail seed and cut flower department of the Livingston Seed Company has had a very striking window, showing the importance of its mail order seed business. The entire space is devoted to cancelled envelopes, received from eighteen different countries of the world, with orders inclosed for seeds. A large portion of the envelops are tied in packets. A tape reaches from each packet to a map, a thumb-tack fastening the other end of the tape to the country on the map from which the envelopes in the packet were mailed. This not only shows the wide distribution of the responses to the company's mail order activities, but also shows the relative importance in volume of correspondence with respect to each country. Prizes are offered for the retail customers at the store who come nearest to guessing the total number of envelopes in the window.

The possibilities of co-operative window displays on the part of florists in connection with other lines of business is shown by an attractive porch furniture window, put on by a leading furniture store, in which the porch itself appears, with appropriate flowers and greenery. The florist supplying the same is given credit by placards, the window serving as an advertisement for both the furniture man and the florist.

Frank Miller, one of the members of the Columbus Floral Company, wholesale growers, who has been in a sanitarium in the east, has returned to his home at Valley Crossing, just south of town, but is still confined to his bed.

T. J. Ludwig has been attracting attention with special sales of small baskets and contents, one price covering both, displayed in large variety in his show window. C. C. J.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.
Write for samples and prices.

A. A. Arnold Paper Box Co
1302-1308 W. Division St., CHICAGO

Huckleberry Foliage

New Crop now ready for shipment $2.50 per case
Natural and Perpetuated Moss.

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA

Buffalo.

FUNERAL WORK KEEPS TRADE BUSY.

The weather is cold and the supply of stock limited, with the exception of some varieties of roses, lily of the valley, snapdragons and daisies. Outdoor stock has been retarded by the cold. Lilacs have been only fair, while peonies are very scarce for home grown, and not many being sent in.

The first part of the past week was an unusually busy one for some of the florists. The death of S. H. Knox, vice-president of the F. H. Woolworth syndicate, and a man of world-wide acquaintance, naturally called for an unusual number of flowers and the richest and most elaborate lot of flowers ever used at a funeral in Buffalo were handled on this occasion, and were used in every conceivable way, but at no time was a gaudy design or any monstrosity sent out; the most artistic arrangement, the best flowers being used and the finest work produced. Loose flowers were more in evidence than the designs, and these were all sent to the different hospitals —only the designs being sent to the cemetary. Some orders were sent from other cities, but in nearly every instance commissions were telegraphed and filled by the Buffalo florists, Palmer & Son, S. A. Anderson, Wm. Scott Co., and L. H. Neubeck all having a number of orders. All flowers, and everything pertaining to flowers at the funeral were under the charge of S. A. Anderson.

BISON.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

HUCKLEBERRY FOLIAGE

Now ready for shipment,

$2.50 per case.

Natural and Perpetuated Moss.

E. A. BEAVEN, Evergreen, Ala.

Mention the American Florist when writing

BUCHBINDER FLORISTS' REFRIGERATORS

Write to Dept. C3 for Catalog.

BUCHBINDER BROS.
MANUFACTURERS
518 Milwaukee Ave., - Chicago, Ill.

Mention the American Florist when writing

USE Budlong's Blue Ribbon Valley.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co.'s STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all **T. J. JOHNSTON & CO.**

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. **WASHINGTON, D. C., Cor. 15th & H. Sts.**

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

FLOWERS.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Adires4, DARDSFLOR.

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery

—OF—

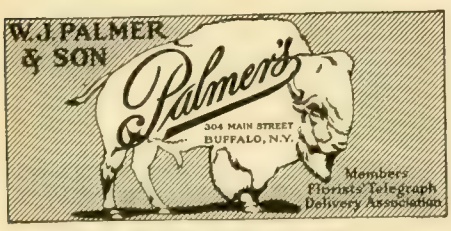
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs. High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

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F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for FLOWERS. Delivered to all parts of the country. Special care, select and artistic work.

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Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

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The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

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Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

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Largest Floral Establishment in America. Established 1874. Incorporated 1909

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CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

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Blackistone

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JOHN BAUSCHER, Freeport, Ill.

100,000 Square Feet of Glass.

All Orders Receive Careful Attention and Prompt Delivery.

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Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

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J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metaire Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia,—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

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Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

Kansas City, Mo.

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Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

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Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Canada's best known and most reliable florist.

Only the Best **Dunlop's**

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to Steamers and all Eastern Points.

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist

2221-2223 W. Madison St. CHICAGO.

All orders carefully filled under the supervision of GEORGE ASMUS, Mgr.

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FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

Members Florists' Telegraph Delivery.

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Bramley & Son

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The Largest Growers of Flowers in City

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PAUL M. PALEZ,

FLORIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city. Arkansas and the Southwest.

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Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heinl)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivey.

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200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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THINK OF **HEINL'S**

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KANSAS CITY, MISSOURI.

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Will fill orders for the West on short notice

Trade discounts. First-class stock.

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"Some Florist"

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Main and McKinney Phone, Preston 160

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Careful attention to packing for deliveries to all Southern and Middle States.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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NASHVILLE, TENN.

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We solicit telegraph orders. Regular trade disc

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Orders Carefully Executed

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Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

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will take care of all telegraphic orders.

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Member of The Florists' Telegraph Delivery.

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ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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LILIES LILIES

COLD STORAGE

This Stock Always in Demand.
FILL YOUR EMPTY BENCHES.

	No. in case	Per 100	Per 1000
Giganteum, 7- 9 inch,	100	**$6.00**	
Giganteum, 7- 9 inch,	300		**$53.00**
Giganteum, 8-10 inch,	225		**75.00**
Giganteum, 9-10 inch,	200		**90.00**
Valley, (best grade)			**16.00**
Gladiolus, Mrs. Francis King, 1st.			**9.00**

Vaughan's Seed Store
CHICAGO **NEW YORK**

500,000 Pot Plants

of late Propagation and Planting.

In A No. 1 condition ready for market. Orders shipped promptly. Liberal Extras.

Size of pots.	Per 100	1000
2¼ in. **Althernantheras,** red and yel..	$2.25	$20.00
2¼ in. **Ageratums,** white, light and dark blue	2.25	20 00
2½ in. **Asp. Plumosus** or **Hatcheri**	3.00	25.00
4 in. **Asp. Plumosus** or **Hatcheri**	7.50	70 00
2½ in. **Asp. Sprengeri,** large plants	2.50	22.50
4 in. **Asp. Sprengeri,** large plants	6.50	60.00
3 and 3½ in. **Cannas,** King Humbert	5.00	45.00
3 and 3½ in. **Cannas,** Brandywine, Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in. **Centaurea,** Dusty Miller	2.25	20.00
2½ in. **Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed	2.50	22.50
2½ in. **Cupheas,** Cigar Plants	2.25	20.00
Dracaena Indivisa, 4.5 in., $10.00, and $20.00 per 100.		
2¼ in. **Fuchsias,** dbl. and sgl.. 12 vars.	2.75	25.00
4 in. **Fuchsias,** dbl. and sgl.. 12 vars.	7.50	70.00
2¼ in. **Geraniums,** Nutt, Ricard, Poitevine Buchner, etc.	2.25	20.00
3½ and 4 in. **Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc.	7.00	65.00
2¼ in. **Heliotropes,** white, light and dark blue	2.75	25.00
4 in. **Heliotropes,** white, light and dark blue	7.50	70.00
Pansy Plants, transplanted, choice varieties, in bloom	1.25	10.00
2¼ in. **Petunias,** sgl.. mixed vars.	2.50	22.50
3½ in. **Petunias,** dbl., 15 vars., mixed	6.50	60.00
2½ in. **Salvias,** Bonfire and Splendens.	2.50	22.50
3 in. **Salvias,** Bonfire and Splendens.	5.00	45.00
2½ in. **Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00

Vegetable Plants by the Million.

Cabbage, Early Winningstadt, Wakefield, Henderson Early, Summer etc.. $2.50 per 1000.
Cauliflower Plants, Early Paris and Snowball, $5.00 per 1000.
Tomato Plants, Earliana, Jewel, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2.25 per 1000.

—Correspondence solicited.—

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

Robert Craig Co...
High Class PALMS
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

SUPERIOR QUALITY AND SERVICE IN THESE

WITTBOLD SPRING SPECIALTIES

COLEUS

Golden Bedder.....2-in. pots, $2.50 per 100; 3-in. pots, $5.00 per 100
Yellow Pfister.....2-in. pots, 2.50 per 100; 3-in. pots, 5.00 per 100
Assorted.....2-in. pots, 2.00 per 100; 3-in. pots, 4.00 per 100

SANTOLINAS

Santolinas.....2½-in. pots, $3.00 per 100

ALYSSUM

Sweet Alyssum.....2-in. pots, $2 50 per 100

GERANIUMS

Pink, Red and White, extra fine stock.....4-in. pots. $10.00 per 100

FUCHSIAS

Assorted.....3-in. pots, $6.00 per 100; 4-in. pots, $8.00 per 100

IVIES

5-in. pots.....$15.00 per 100 4-in. pots.....$12.00 per 100
2½-in. pots .....$3.00 per 100
German Ivy.....3-in. pots, $5.00 per 100

PETUNIAS

Single.....3-in. pots, $5.00 per 100; 2½-in. pots, $3.00 per 100

VINCAS

4-in. pots.....$10.00, $12.00 and $15.00 per 100

CYCLAMENS

Pure White, White with Red Eyes, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, Dark Red, Rosy Morn, Brilliant Red and Bright Red.

3-inch pots.....$8.00 per 100

Write, Wire or Phone Today
L. D. Phone Graceland 1112

THE GEO. WITTBOLD CO.

737-739 Buckingham Place **CHICAGO**

Mention the American Florist when writing

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

DIRECTORS of the Wholesale Seedsmen's League held a meeting at New York May 26.

VERSEILLES, FRANCE.—George Truffaut's publication, "Jardinage," has been discontinued, owing to the general mobilization.

RAINY cool weather continues and is very favorable for onion sets in the Chicago district. Counter trade is, however, badly handicapped by it.

LOMPOC, CALIF. — Anton Zvolanek writes that green aphis prevails broadly over California and will have a bad effect on the yield of sweet pea seed.

BALTIMORE, MD.—Local seedsmen report the demand for field seeds this spring has been exceptionally good, due probably to a reduction in the planting of cotton.

PHILADELPHIA, PA. — W. Atlee Burpee & Co. announce that employes of their mail order departments will have a full day's holiday on Saturdays during July and August.

THE Henry Fish Seed Co. extends a cordial invitation to members of the American Seed Trade Association and all others interested in beans to call at the firm's Carpinteria establishment while in California.

THE Japanese steamer Chiyo Maru, with Robert Fulton on board, reported on fire two days out from Yokohama in last week's issue, arrived at that Japanese port safe, the fire having been confined to a few bales of cotton.

VISITED CHICAGO: John Lewis Childs, Floral Park, N. Y., returning from California; A. J. Brown, of the A. J. Brown Seed Co., Grand Rapids, Mich.; A. T. Ferrell, of A. T. Ferrell & Co., Saginaw, Mich.; D. P. Durban, manager Amzi Godden Seed & Grain Co., Birmingham, Ala.

CHICAGO.—Prices for grass seed on the Board of Trade May 26 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.—Albert A. Smith, of the Leonard Seed Co., has returned from Indianapolis, Ind., where he attended the semi-annual meeting of the State Canners' Association, May 20-21.—S. F. Leonard and family have the sympathy of the trade in the loss of their son, Robert, who died May 17.—J. C. Vaughan has returned from the east.

FRENCH BULBS. — The preliminary prices made by the French growers' syndicate are not thought to be such as will prevail later, being nearly as high as last year, in the face of a good crop prospect. Buyers of large lots will, it is thought, await the harvest. The American demand is said to be off 20 to 30 per cent. The suggestion is made that grading will be more general than before, possibly only one grade of Paper White narcissus and only two grades of white Roman hyacinths. Freesias will surely be lower.

The Late William Horatio Grenell.

William Horatio Grenell, of Pierrepont Manor, N. Y., and Saginaw, W. S., Mich., the well-known seed grower, died at noon May 19, at his home at Pierrepont Manor. Mr. Grenell's health began to fail last fall and after he went home in December to be with his family during the holiday season he declined rapidly. In January he went to Clifton Springs, where he remained about two months, going from there to Baltimore, where he was treated with radium. By this time he was so weak the trip from Baltimore to his home at Pierrepont Manor had to be made by private car. Mr. Grenell suffered with cancer, but the immediate cause of death was heart failure. While it was known he was seriously ill and a physician and nurse were in constant attendance, it was not known that the end was so near, and he passed away unexpectedly.

The Late W. H. Grenell.

Mr. Grenell was born at Pierrepont Manor, N. Y., January 26, 1846. He was a student at Union Academy, Cazenovia Seminary and Eastman's business college at Poughkeepsie. He began his career as a seedsman in 1873. About 20 years ago Mr. Grenell moved the business to Saginaw, Mich., and it will be continued under the present management, as it was the desire of Mr. Grenell that his business should be carried on by his grandson, who is now a lad at school. Besides his seed business, Mr. Grenell owned a large farm, comprising about 1,000 acres, near his home, and was a breeder of thoroughbred Holstein cattle. He had various business interests and was a director of the Citizens' National bank at Adams, N. Y. For 13 years he served as captain of Company A, Thirty-fifth regiment, New York State Guards. He was a member of the Masonic order, being affiliated with Rising Sun Lodge, Adams Chapter, with Watertown Commandery, K. T., and with Medinah Temple, Mystic Shrine, also of Watertown. As a young man he devoted much attention to music, being for many years leader of the village band. Throughout his life music gave him great pleasure. He was a democrat in politics.

Mr. Grenell was united in marriage with Adelaide E. Allen, who survives him, March 19, 1867. He is also survived by his daughter, Mrs. Matthew J. Huggins, his grandson, William Grenell Huggins, and his brother, Benjamin P. Grenell, all of Pierrepont Manor. The funeral was held at 2:30 Saturday afternoon, May 22, and was under the auspices of Watertown Commandery No. 11 K. T. About 80 knights in full uniform attended, with their band. It was the largest funeral ever held in that vicinity. The floral offerings were exquisite and very numerous, coming from all parts of the country. Interment was in the village churchyard, where several generations of his family have been laid to rest before him.

Mr. Grenell was an active member of the American Seed Trade Association and regularly in attendance at the annual meetings of that organization. At the Alexandria Bay convention in 1905 he was elected president of the association and the abounding hospitalities of that occasion will long be remembered by those who participated.

American Seed Trade Association.

SAN FRANCISCO CONVENTION, JUNE 22-24.

President Lester L. Morse, of the American Seed Trade Association, writing May 18, outlines plans for the convention to be held at San Francisco, June 22-24, as follows:

"Special train via Santa Fe road to Grand Canyon, Los Angeles, and San

Pieters-Wheeler Seed Company
Growers of High Grade SEED
Gilroy, California
Onion, Lettuce, Radish, Sweet Peas Etc.
Correspondence Solicited.

Contracting Growers Crop 1915
PEAS, BEANS, CUCUMBER.
Strictly first-class quality.
Alfred J. Brown Seed Co.
Grand Rapids, Mich.

Braslan Seed Growers Company
Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.
SAN JOSE, CALIFORNIA
Write for 1915 Contracting Prices.

FOR PRESENT SOWING

Thorburn's Seeds

OUR catalog will help you in your selection, or we will with specific advice. Some one in our organization is an expert on your problems.

Drop us a line for our catalog. Now before you forget.

J. M. THORBURN & CO.
In business since 1802
53 Barclay Street, New York

Growers and Specialists

CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Diego, leaves Chicago 8:05 p. m., June 12. It is necessary that all those intending to take this train write at once to S. F. Leonard, 226 West Kinzie street, Chicago. Friends of members are invited to take this train. This will be a fine trip and members are urged to make every effort to make the special train a possibility.

"The side trip to San Diego may be omitted, if desired, and those requiring hotel accommodations in Los Angeles should write at once to M. L. Germain, care of the Germain Seed & Plant Co., Los Angeles, Calif. It may be necessary to alter the trip from Los Angeles up the coast to San Francisco. Should there be 125 tickets assured we can have a special train up the coast, which will make side trips a possibility, otherwise it will be impossible to make more than one or two stops.

"Our arrangements with the Inside Inn necessitates visitors arriving either Saturday night, June 19, or Sunday morning, June 20. Reservations at the Inside Inn can be made by writing direct to the Inside Inn, Exposition Grounds, San Francisco, Calif. Rates are: Outside rooms, without bath, single, $2.50, $3; double, $3, $3.50, $4. Outside rooms with bath, single, $3, $4, $5; double, $4, $5, $7.

"Friday and Saturday the members and their families will be the guests of the local seed growers, who will bear all of the expense connected with railway fares, entertainment over night at Hotel Vendome, lunches, auto trips and barbecue at San Juan. This will be the first time the seed trade association has met west of Chicago and it will probably be many years before they come out to California again.

"We are planning to give our friends a good time and hope we will have a good attendance."

THE PROGRAMME.

Secretary Kendel has just issued the programme which includes papers as follows: "The Value of Technical Training to a Seedsman," by Prof. H. E. Van Norman, Dean of California State Farm School, Davis, Calif.; "Horticulture in the Hawaiian Islands," by Prof. John N. Gilmore, Agricultural College, University of California,

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50; 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing.

Cold Storage Valley

BRUNS' CELEBRATED CHICAGO MARKET BRAND, best to be had Valley, giving the best results all year round, $16.00 for 1000; $8.50 for 500; $4.50 for 250; $2.00 for 100.

FLORISTS' MONEY MAKER, best Valley at moderate prices, $14.00 for 1000; $7.50 for 500; $4.00 for 250.

H. N. BRUNS, 3032 Madison St., Chicago

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.

BRUNNINGS
Leading Suppliers of
EUCALYPTUS
and **Acacia Seeds**
P.O. Box 857, MELBOURNE, AUSTRALIA

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS

TOMATO SEED
Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

GARDEN SEED
BEET, CARROT, PARSNIP, RADISH and GARDEN PEA SEED in variety; also other items of the short crop of this past season, as well as a full line of Garden Seeds, will be quoted you upon application to
S. D. WOODRUFF & SONS, 82 Dey St., NEW YORK.
and Orange, Conn.

Mention the American Florist when writing

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPENTERIA, CALIF.

Berkeley, Calif.; "Seed-Growing in the Northwest," by E. C. Johnson (Portland Seed Co.), Portland, Ore.; "Flower Seeds in California," by L. C. Routzahn (Routzahn Seed Co.), Arroyo Grande, Calif.; Mark L. Germain, Germain Seed & Plant Co., Los Angeles, Calif. will also address the meeting on some trade topic not yet announced.

MADISON, WIS.—The Madison Plow Co. made a large shipment of transplanters to Italy this month.

STURGEON BAY, WIS.—A two-story frame warehouse, with concrete basement, will be erected by the Door County Seed Co.

W. ATLEE BURPEE & Co., according to the Philadelphia North American, paid $417 per ounce for three ounces of the new English sweet pea, Fiery Cross, now under trial at Fordhook Farms.

PARIS, KY.—What is probably the first as well as the largest and most important sale of blue grass seed for the season of 1915 was made May 19 when John T. Collins, of North Middletown, sold E. F. Spears & Sons, of this city, 3,000 sacks containing 24,000 pounds of cleaned fancy seed. The price paid was 97 cents a bushel for 1,000 sacks and $1 a bushel for the other 2,000 sacks.

DENVER, COLO.—The Pioneer Seed Co. and the Haines Seed Co. have been consolidated under the title of the Pioneer-Haines Seed Co. The business of the new concern will be carried on at 1204 Fifteenth street. W. T. Whitehead, of the Haines Seed Co. retires and the officers of the new company are Frank A. Holden, president; Robert G. Freund, vice-president; Rufus Brown, secretary and treasurer. Capital stock, $35,000, with $25,000 fully paid. The existing indebtedness of both the Pioneer Seed Co. and the Haines Seed Co. is assumed by the new corporation.

ROOTED
CHRYSANTHEMUM CUTTINGS

Our stock is exceptionally fine this season and is the best that you can get anywhere for the money. Select what you want from the following list and let us have your order as early as possible. The early buyer usually gets the pick of the cream, but that is not the case here for all of our stock is of uniform quality and everybody is treated alike until the supply is exhausted. Get busy. Order now.

	100	1000
WHITE		
Smith's Advance	$2 00	$15 00
October Frost	2 00	15 00
Virginia Poehlmann	2 00	15 00
Alice Salomon	3 50	30 00
Noamah	3 00	25 00
Alice Byron	2 00	15 00
Chas. Razer	2 00	15 00
Lynwood Hall	2 00	15 00
YELLOW		
Chrysolora	2 00	15 00
YELLOW		
Ramapo. Roman Gold	$2 00	$15 00
Nagoya	2 50	20 00
Yellow Eaton. Golden Glow	2 00	15 00
PINK		
Amorita	2 00	15 00
McNiece	2 50	20 00
Dr Enguehard	2 50	20 00
CRIMSON		
Shrimpton	2 00	15 00

J. D. THOMPSON CARNATION CO., Joliet, Ill.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm, **Bristol, Pa.**

New Price List of my celebrated Winter-flowering
ORCHID SWEET PEAS
will be out in June. If you are not on our mailing book, send your name and proposal.
ANT. C. ZVOLANEK,
Sweet Pea Ranch, Lompoc, Calif.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,
8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes**, green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

Contract Seed Grower
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey
Mention the American Florist when writing

The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,
Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.
Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.
Mention the American Florist when writing

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower.
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.
Mention the American Florist when writing

THE
J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.
Mention the American Florist when writing

Godfrey Aschmann
Importer, Wholesale Grower and Shipper of
POT PLANTS
SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.
1012 W. Ontario St., Philadelphia, Pa.
Mention the American Florist when writing

A Few Good Things You Want.

Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $15.00; 5-in., $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Sallerol Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

Chrysanthemums

R. C., $1.50 per 100; $12.00 per 1000, prepaid.
Stevia, R. C., $1.00 per 100; $8.00 per 1000, prepaid.
Coleus, R. C., 70c per 100; $6.00 per 1000, prepaid.
Salvias, R.C., $1.00 per 100; $8.00 per 1000, prepaid; strong 3-in., 4c.
Verbenas, strong 2¼-in., $2.50 per 100; $20.00 per 1000.

See May 1st issue.

C. HUMFELD, Clay Center, Kansas

Mention the American Florist when writing

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

Mention the American Florist when writing

GERANIUMS

Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and Buchner	$10 00	per 1000
Ricard and Poitevine	12 50	" "
Asparagus Plumosus	25 00	" "
Smilax	12 50	" "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Mention the American Florist when writing

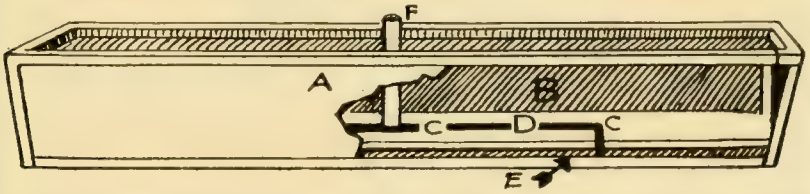
Trade Directory

Price $3.00 Postpaid.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO

The New Wittbold Self-Watering Flower Box

THIS Improved Flower Box has been produced to meet the most exacting requirements. Made of *wood*, it has a false bottom with a galvanized iron reservoir and a felt wick. The reservoir is easily filled by a tube running through the center of box. Cannot overflow because reservoir is only 2 inches high and is below the soil.



Water reservoir (E). False bottom with galvanized iron reservoir (D). Felt wick through false bottom (CC). Soil (B). The body of the box (A). Watering tube (F).

Handsomely finished a beautiful green color. When properly filled, this is the ideal Flower Box for the porch, windows or balconies of any building.

The stock sizes and prices are as follows:

23 inches long by 8 inches high by 9½ inches wide	price,	$0.65
25 inches long by 8 inches high by 9½ inches wide	price,	.75
27 inches long by 8 inches high by 9½ inches wide	price,	.80
29 inches long by 8 inches high by 9½ inches wide	price,	.88
31 inches long by 8 inches high by 9½ inches wide	price,	.93
33 inches long by 8 inches high by 9½ inches wide	price,	1.01
35 inches long by 8 inches high by 9½ inches wide	price,	1.07
37 inches long by 8 inches high by 9½ inches wide	price,	1.12
39 inches long by 8 inches high by 9½ inches wide	price,	1.20
41 inches long by 8 inches high by 9½ inches wide	price,	1.27

You can sell this Flower Box at a good profit.

Tell us how many boxes and what sizes you need.

Write, wire or phone today

L. D. Phone Graceland 1112.

THE GEO. WITTBOLD CO.

737-739 Buckingham Place, Chicago

Look for our Boston Fern Special in this issue.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

KANKAKEE, ILL.—A range of vegetable houses is to be built by D. F. Harrison Company.

ANN ARBOR, MICH.—Two vegetable houses for the Ann Arbor Greenhouse Company will be built by J. C. Moninger Co., Chicago, and will be planted to cucumbers.

Truck Crops Report.

The conditions of truck crops on May 15, as received from a special list of growers, has been issued by the bureau of crop estimates of the United States department of agriculture. Conditions, as shown by reports from 16 states, indicate a shortage in both condition and relative production in all truck crops reported. New Jersey reports highest percentage of condition and probable total production in the list of states given, the majority of them being on the Atlantic seaboard.

Prices of Indoor Fruits and Vegetables.

Chicago, May 25.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 15 cents per box; radishes, 75 cents to $1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 75 cents per dozen.

New York, May 25.—Cauliflower, per dozen, $1.50 to $2.50; cucumbers, 75 cents to $1.00 per dozen; mushrooms, 25 cents to $1.25 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 50 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Staking the Outdoor Tomato Crop.

The controversy whether it pays or not to stake the outdoor crop of tomatoes goes on. If we were to take the opinion of experiment stations as final, the matter would have been settled long ago, for they have demonstrated that it does not pay in actual weight of fruit, nor in earliness. However, it is one thing to let the scales decide the matter and quite another to market the product. This truth was forced home to us recently when visiting a local grower who used to be an ardent champion of the "rough and tumble" method of growing tomatoes. We saw 10,000 poles in the ground for 10,000 tomato plants. Comment is unnecessary. What was all right 10 years ago will not do today and what will do in one place will not do in another. The fact remains that in our locality so many greenhouse tomatoes are sold that the public has become spoiled. The buyer has become used to the spotless greenhouse product and demands the same excellence clear through the season. So critical has the trade become that the smallest blemish or spot renders a product unsalable.

The objections to staking are many; cost of poles, cost of labor, often reduced yield; increased number of plants required. The advantages may be: Earlier fruiting; more perfect fruit, easier picking, less waste, closer planting, and finally, easier marketing, owing to attractiveness. In our locality one grower sets the pace for the others.

The general rule is to set a pole for each plant and run the rows four feet apart, with the plants from 24 to 30 inches apart. We have often used the greenhouse system outdoors with success; this means part strings. We set the stakes apart for four plants and run a wire over these stakes. The wire is fastened to stakes by a loop of binder twine; is neither nailed on nor wired on; just tied fast for easy removal in the fall. The strings (binder twine) are hitched directly to the plants below a strong leaf joint with a ½ knot and fastened to the wire. After this the plants are simply twisted around these strings, same as indoors. This system has the advantage that we can cultivate up to a late period and the drawback that careless workmen may injure the crop while putting up the support. The other method permits the planting of poles before setting out the plants. MARKETMAN.

Director of Farm Markets for Idaho.

As Idaho's first Director of Farm Markets, Governor Alexander has selected W. G. Scholtz, editor of the leading farm paper in that state, the man who prepared the measure creating the department, and mainly through whose efforts the bill became a law. Following the appointment, announcement was made at the governor's office that Mr. Scholtz was selected because of the strong endorsements he had received from the farmers in all sections of the state; the co-operative marketing associations and other organizations of farmers having strongly urged the governor to get Mr. Scholtz to organize the department and conduct the office during its first two years. The law in defining the powers of this new state official includes the following duties:

"To co-operate with producers and consumers in devising and maintaining economical and efficient systems of distribution, and to aid in whatever way may be consistent or necessary in accomplishing the reduction of waste and expense incidental to marketing.

"To help improve country life and to provide, as far as in his power, equality of opportunity for the farmers of the state.

"To ascertain, as far as possible, what conditions make for the success of the homeseeker and what conditions make for his failure, and to use all means within his power to remedy such of the conditions which make for failure as are capable of remedy.

"Upon request, or of his own motion, to investigate and obtain evidence in any case where he has reason to believe that fraud has been practiced upon or wrong done to a homeseeker in the sale or transfer of real estate sought for the establishment of a farm home.

"To receive applications for farm help, and applications from laborers desiring positions on farms, endeavoring thereby to bring the job and the man together, without expense to either the employer or employe.

"To receive from owners, descriptions of farm property for sale and maintain a properly classified list of such property for the inspection of prospective buyers."

CHRYSANTHEMUMS

50,000 rooted cuttings and plants from soil
Leading market sorts. Write for prices.
William Swayne, Kennett Square, Pa.

CABBAGE PLANTS

Early and late Flat Dutch All Head, Wakefield, early and late Drumhead, Danish Ball Head and other varieties. 30c per 100, by Parcel Post. By Express 75c per 500; $1.00 per 1000; 10,000 and over, 85c per 1000.
Beet Plants, 75c per 500; $1.25 per 1000.
Cash with order. Send for list of varieties.
R. VINCENT, JR. & SONS CO., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.
THE BEST AMERICAN BOOK ON THE SUBJECT.
170 Pages.—Price $1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street. Chicago.

Watch for our Trade Mark stamped on every brick of
Pure Culture Mushroom Spawn
Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address
Trade Mark **American Spawn Co. St., Paul, Minn.**

Landscape Gardening

PROF. BEAL.

A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.
Progressive florists recognize the growing importance of a knowledge of landscape art. We also offer a practical course in Floriculture, including Greenhouse Construction and Management.
Send for catalogue. Address
The Home Correspondence School
Dept. C. F., Springfield, Mass.

TO THE TRADE

HENRY METTE, Quedlinburg, Germany

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid. Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality

ALSO GROW LARGELY ON CONTRACT.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread ..... each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. Wyncote, Pa.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

Geraniums

Mixed, 3-in. pot, my selection, $4.00 per 100.

Asp. Plumosus and **Sprengeri,** 2¼-in. pot, $2.00 per 100.

Cannas, 5 varieties, $4.00 per 100.

Alternantheras, yellow, 2¼-in. pot, $2.00 per 100.

Vinca, variegated, 4-in. pot, $8.00 per 100.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

ROOTED CUTTINGS.

Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000. Petunias, 10 varieties. $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000. Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1000. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

SPECIAL

A WITTBOLD Boston Fern—30 inches high, in a substantial, self-watering, wooden tub—at the special price of $1.00.

Just the thing for porch, sun-parlor or out-door decoration—this combination is a big retail value at from $2.00 to $2.50.

The price to you is only $1.00.

HOW MANY CAN YOU DISPOSE OF?

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L. D. Phone Graceland 1112.

THE GEO. WITTBOLD CO.
737-739 Buckingham Place, Chicago

Look for Our Advertisement on Self-Watering Flower Boxes.

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THE

Storrs & Harrison Co.

PAINESVILLE NURSERIES

CATALOGUES AND PRICE LISTS FREE ON APPLICATION

PAINESVILLE, - OHIO

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President; E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

SHERIDAN, MICH.—The Sheridan Nursery will erect a packing house 30x80 feet.

ST. PETERSBURG, FLA.—A house 20x100 will be added to the plant of the Poinciana Nursery Co.

BANGOR, MICH.—A. G. Hamilton, nurseryman, still carries on the business founded by his father forty years ago.

THE annual convention of the Association of American Cemetery Superintendents will be held at Minneapolis, Minn., August 24-27.

HUTCHINSON, KAN.—The city park department is planting trees on the city streets and in parkings. About 200 trees will be set out.

EAST LANSING, MICH.—The forestry department of the Michigan Agricultural college reports a profit for the past 11 months. The department is unable to fill any more orders for nursery products, as the supply is exhausted at the present time.

THE annual report for 1914 of the Connecticut agricultural station, New Haven, states that the white pine weevil continues to do much damage to white pine plantations in that state. Cutting infested leaders in July and burning them is the remedy advised.

JEFFERSON CITY, MO.—Through the efforts of the state highway department, the Commercial club has been offered 10,000 fruit trees which are donated to the club for the roads and public parks of this city by the Stark Nursery & Orchards Company of Louisiana, Mo.

CENTERVILLE, IND.—E. Y. Teas has sold his floral business and real estate to Fred S. Davis, late with the Davis Brothers Floral Co., who will continue the floral business at the old stand. Mr. Teas' son, Fred E. Teas, has taken over the nursery department, which will be continued in connection with his own business here. Mr. Teas, Jr., has been his father's assistant for years and is well qualified to assume the management of that line.

New Hedge Plants.

At Tachien-lu on the borders of Tibet, at about eight thousand feet above the sea, Mr. Wilson found hedges from six to eight feet high and so thick and spiny that a yak, an animal as strong as an ox, could not break through them. The plant of which these hedges were made, Ribes alpestre, var. commune, is now in flower in the collection of Chinese shrubs on Bussey Hill. This gooseberry has grown rapidly in the arboretum and appears to be perfectly hardy. There is little to recommend it as a garden shrub, for the flowers are small and inconspicuous, and the acid fruit is covered with prickles and has little beauty, but as a hedge plant it may prove valuable in the cold parts of the country.—Arnold Arboretum Bulletin, May 6, 1915.

Fresno, Calif., Parks.

The board of park commissioners consider certain changes necessary in the roads and walks to conform to the modern method of transportation. The superintendent has been instructed to draw plans for the elimination of sharp and reverse curves and also a general rearrangement of the planting. Stephen Child, landscape architect, has been called in to pass on the changes proposed.

New York Memorial Trees for Exposition.

Two oriental sycamores were shipped recently by the New York park department to the San Francisco Panama Exposition. One of them will be planted by Mayor Mitchel in front of the New York building on New York day, May 27. The second tree was sent for fear something might happen to the other one en route. Commissioner John Weier chose the oriental sycamore as the memorial tree after consultation with Chief United States Forester Henry S. Graves. The tree will be marked with a bronze tablet, and will keep company with a Norway maple which Governor Whitman is to plant near by in June.

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists — Largest Growers in America
Box 404, DUNDEE, ILL.

A. N. Pierson, Inc.
Wholesale Florists
CROMWELL, - CONN.

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing

August Rölker & Sons
NEW YORK.
Supply the Horticultural trade with
Seeds, Bulbs, Plants, etc.
Address for prices
P.O.Box 752, or 51 Barclay St., NEW YORK CITY
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Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
BALTIMORE, MD.

HEADQUARTERS
California Privet
In any quantity and any size desired.
My Privet has more branches than what is usually sent out, and I grade better.
Carloads a Specialty.
—ALSO—
Amoor River Privet,
Berberis Thunbergii,
Well grown and in large supply.
J T. LOVETT, Little Silver, N. J.

Roses From 2½-inch pots

Grown to plant—not to sell. Surplus over our own planting requirements. Not rooted cuttings, but established plants from 2½-in. pots.

Ramblers and Climbers

	Per 1,000
American Pillar—Pink, clear white eye, yellow stamens, single flower	$30.00
Baltimore Belle—Blush white	25.00
Crimson Rambler	25.00
Climbing American Beauty	50.00
Dorothy Perkins—Shell pink	25.00
Excelsa—Red Dorothy Perkins	30.00
Philadelphia—Red	25.00
Queen of the Prairies—Rosy red	25.00
Sodonia—Bright red	30.00
Tausendschon (Thousand Beauties)	25.00
Trier—Creamy white	25.00
Veilchenblau—Violet blue	25.00
White Dorothy Perkins—Pure white	25.00

Moss Roses

Blanche Moreau—White	$35.00
Crimson Globe—Crimson	35.00
Princess Adelaide—Pink	35.00

Teas and Hybrid Teas

Gruss an Teplitz—Rich scarlet	$30.00
Mamon Cochet—Coral pink	30.00
Yellow Soupert—Yellow	27.50

Dwarf Polyantha or Baby Roses

	Per 1000
Anny Muller—Cerise pink	$30.00
Baby Rambler (Mme. N. Lavavasseur), Crimson	27.50
Jessie—Clear glowing red	27.50
Orleans—Geranium pink	25.00
Yvonne Rabier—White	27.50

Hybrid Perpetuals

Aldred Colomb—Crimson	$35.00
Anne de Diesbach—Pink	35.00
Conrad F. Meyer — (hybrid Rugosa white)	35.00
Coquette des Alps—Blush white	35.00
Coquette des Blanches—Creamy white	35.00
General Washington—Deep red	35.00
J. B. Clark—Deep scarlet	40.00
John Hopper—Rosy pink	35.00
Marchioness of Lorne—Red	35.00
M. P. Wilder—Crimson	35.00
Mme. Georges Bruant—Hybrid rugosa, white	35.00
Mme. Gabriel Luizet—Silvery pink	35.00
Mme. Plantier—White	30.00
Mrs. R. G. S. Crawford—Pink	35.00
Oakmont—Peach pink, free flowering	35.00
Prince Camille de Rohan—Deep maroon	35.00

Jackson & Perkins Company, Newark, New York

RUSSELL ROSE PLANTS

We offer extra fine grafted stock of this variety at $14.00 per 100.

Weiland & Risch
154 N. Wabash Ave., CHICAGO

Mention the American Florist when writing

READY NOW. READY NOW.

500,000 Superb Strain

PANSIES

Field-grown, in bud and bloom. This strain is the result of twenty years of careful breeding, and is absolutely the best for commercial purposes. Price: $1.25 per 100; $10.00 per 1000. Some extra large plants, $15.00 per 1000.

Vinca Var., out of 4-in. pots, $10.00 and $12.50 per 100
Geraniums, out of 3½-in. pots..... 7.00 per 100
Salvia Splendens, out of 3½-in. pots. 5.00 per 100

Cash. By express only.

LEONARD COUSINS, JR.,
Concord Junction, Mass.

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

2½-in. Rose Plants

GOOD STOCK

Pink Killarney, White Killarney and Richmond at $3.00 per 100; $25.00 per 1000.

2-yr. old Asparagus Plumosus Clumps from bench, $3.00 per 100; $25.00 per 1000.

GEORGE REINBERG,
162 N. Wabash Ave., Chicago.

Roses

Specially priced stock list 2½ and 4-in.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

Mention the American Florist when writing

"Get them at Dreer's"

Pot-Grown Vines for Late Planting

		Each	Doz.	Per 100
Actinidia Argota, strong	5-inch pots	$0 35	$4 00	
Ampelopsis Veitchii, strong	4-inch pots		1 50	$10 00
" " "	5-inch pots		2 00	15 00
" Tricolor,	4-inch pots		1 50	10 00
" Engelmanii,	5-inch pots		1 50	12 00
" Lowii (New),	4-inch pots	30	3 00	25 00
Aristolochia Sipho,	6-inch pots	35	4 00	30 00
Begonia Grandiflora,	5-inch pots	35	4 00	30 00
" Radicans,	5-inch pots	15	1 50	12 00
Clematis Montana Grandiflora,	5-inch pots	35	3 50	
" " Rubens,	5-inch pots	75	7 50	
" Duchess of Edinburgh,	5-inch pots	30	3 00	
" Henryi,	5-inch pots	30	3 00	
" Mme. Baron Veillard,	5-inch pots	30	3 00	
" Villede Lyon,	5-inch pots	30	3 00	
" Integrifolia Durandi,	5-inch pots	35	3 50	
Hop Vines,	3-inch pots		50	4 00
Honeysuckle Halleana,	6-inch pots		2 00	15 00
" Evergreen,	6-inch pots		2 00	15 00
" Variegated,	6-inch pots		2 00	15 00
" Red Coral,	6-inch pots		2 50	
Hardy English Ivies,	4-inch pots		2 00	15 00
Hardy Jasmine Nudiflorum,	5-inch pots		1 50	10 00
" Officinale,	4-inch pots		1 50	10 00
Lathyrus White Pearl,	4-inch pots		2 00	15 00
Polygonum Multiflorum,	4-inch pots		1 50	10 00
Kudzu Vines,	3-inch pots		1 25	8 00
Schizophragma Hydrangeoides,	7-inch pots	75	7 50	
Wistaria Sinensis, Blue,	5 and 6-inch pots	35	4 00	30 00
" White,	5 and 6-inch pots	35	4 00	30 00
" Multijoga,	6 and 7-inch pots	35	4 00	30 00
Utilis Humulifolia,	4-inch pots		1 50	10 00

HENRY A. DREER, Inc.
714 Chestnut Street, Philadelphia, Pa.

The above prices are intended for the Trade only.

Forcing Roses

Clean, Healthy, Vigorous Stock.

	Per 100	Per 1000
Hoosier Beauty, grafted, strong, 3 inch	$35.00	$300.00
Russell, " " "	15.00	125.00
Sunburst, " " "	12.00	100.00
Ophelia, " " "	15.00	130.00
Hadley, " " "	15.00	120.00
Milady, " " "	12.00	110.00
Mrs. Geo. Shawyer, " " "	12.00	110.00
Aaron Ward, " " "	12.00	110.00
Killarney, " " "	12.00	110.00
White Killarney, " " "	12.00	110.00
Killarney Brilliant, " " "	12.00	110.00
Richmond, " " "	12.00	110.00
SUNBURST, the King of Yellow Roses, Own Root	9.00	85.00

Special attention given on stock for forward delivery.

VAUGHAN'S SEED STORE
31-33 W. Randolph Street, CHICAGO.
43 Barclay Street, NEW YORK.
Greenhouses, Western Springs, Ill.

If you are short of Blooming Plants, such as
Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,
Wire your order to

GEO. A. KUHL, WHOLESALE GROWER.
PEKIN, ILL.

CARNATIONS

F. DORNER & SONS CO.,
LaFayette, - - Indiana

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

Baltimore.

TRADE SLOW IN ALL DEPARTMENTS.

Business the past week has been practically at a standstill. With little call for design work, the call for cut flower stock was light, and as all home gardens are now filled with roses in bloom, there is little call for rose stock.

NOTES.

The annual "flower mart" held May 13 was an attractive and successful affair, being largely attended. Pot plants, cut flowers and shrubs were attractively arranged and with books on floriculture, garden tools, bird houses and other garden accessories, enjoyed a ready sale.

Samuel Feast & Son furnished part of the flowers used in decorations at the mayor's inauguration, but report that business has been dull otherwise.

The inauguration of Mayor Preston created a demand for cut flowers, the decorations being elaborate and beautiful.

Holliday Bros., Hamilton Floral Shop, and Chas. E. Smith & Co. report business at a standstill.

Edwin E. Seidewitz arranged several handsome pieces for Mayor Preston's inauguration.

J. Bolgiano & Son had a sale of rose plants May 24 and it is claimed that 25,000 were sold in four hours.

John Cook is cutting peonies in quantity, but reports business dull otherwise. R. J. B.

Rochester, Minn.

The Rochester Floral Co., Inc., is the successor to the Ross Bragg Floral Co. It is the intention of the company to sell the property on the east side of the city and erect a large range in the western part of the city. The two retail stores will be continued and an automobile delivery service installed. The officers are Ross Bragg, president; M. J. Kinney, vice-president; Gilbert C. Utz, secretary-treasurer.

The use of carnations instead of tags by the ladies of the Civil League of Rochester on May 15, the annual tag day, was the means of netting them $635. The idea was suggested by Ross Bragg, president of the Rochester Floral Co., and 3,800 carnations were disposed of. Flowers will be used hereafter instead of the untidy looking red tag.

Joseph Biehler, foreman at the Rochester Greenhouses, has resigned and gone to New York to accept a similar position. His successor will probably not be appointed until the new greenhouses immediately outside the city are ready for occupancy.

The contract for filling the flower boxes on the lamp posts of the "white way" in this city has been given to the Rochester Floral Co., the stock used being supplied by the company's green houses.

NASHUA, N. H. — August Gaedeke, florist, has disposed of his business, which he has conducted here for 30 years, to F. D. Sperry of Reading, Mass, but will remain with his successor.

TORONTO, ONT.—June 10 will be "Alexandra Rose day" in the city. The Independent Order of Daughters of the Empire will sell flowers and the proceeds will go to various childrens' hospitals and institutions.

Begonia Lorraine

2¼-in. pots, $12.00 per 100; $110.00 per 1000.

Begonia Glory of Cincinnati

2¼-in. pots, $15.00 per 100; $140.00 per 1000.

CYCLAMENS

Separate colors; finest strain; extra strong plants.
3-in. pots, $10.00 per 100; $90.00 per 1000.

PANDANUS VEITCHII

6-in., 7-in. and 8-in. pots.

DRACAENA MASSANGEANA

5-in., 6-in. and 7-in. pots.

CAMELLIAS

In the very best varieties for growing on. 6-in., 7-in. and 8-in. pots.

JULIUS ROEHRS CO., Rutherford, N. J.

Mention the American Florist when writing

Cut Flower Roses

Fine Stock from 2¼-inch pots. Ready Now.

Sunburst	$40.00 per 1000
Prince Charles de Arenberg	40.00 per 1000
Lady Alice Stanley	40.00 per 1000
Ophelia	50.00 per 1000
Francis Scott Key	50.00 per 1000

Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,

The Largest Rose Growers in the World. Springfield, Ohio

Mention the American Florist when writing

ROSES

CHOICE 2½-IN. PLANTS.

	Per 100	Per 1000		Per 100	Per 1000
White Killarney	$4.00	$35.00	**Maryland**	$4.00	$35.00
Mrs. Aaron Ward	4.00	35.00	**Sunburst**	4.00	35.00
			Beauties	5.00	40.00

CHOICE 3½-IN. PLANTS.

Sunburst ..... $6.00 per 100; $50.00 per 1000

Specify Plants When Ordering.

Peter Reinberg, 30 E. Randolph St., Chicago

Mention the American Florist when writing

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

ALTERNANTHERAS—BUSHY STOCK.

1200 Red 2½-inch	$2.50
500 Green and white, 2½-inch	2.50
400 Elegantissima, 2½-inch	2.50

CASH.
JOSEPH BANCROFT & SON, INC.,
CEDAR FALLS, IOWA.

STRONG, WELL-ROOTED CUTTINGS.

	Per 100.	Per 1000.
P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

DAVIS FLORAL CO., DAVENPORT, IA.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Alternanthera, yellow, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Araucarias in sorts. August Rolker & Sons, 51 Barclay St., New York.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS—Excellent 3-inch established plants, $4.50 per 100. SPRENGERI, extra heavy long sprays, 4-inch, $6 per 100; 3-inch, fine, thrifty and bushy, $4 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri—250 extra heavy bushy 4-inch, $12.50 per 100. Cash. JOSEPH BANCROFT & SON, INC., CEDAR FALLS, IOWA.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

Asparagus plumosus, 2-year-old from bench, $3 per 100; $25 per 1,000. Geo. Reinberg, 162 N. Wabash Ave., Chicago.

ASPARAGUS PLUMOSUS seedlings, 90c per 100; 2½-in., $3; 3-in., $5. I. L. PILLSBURY, Galesburg, Ill.

Asparagus plumosus and Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

ASTERS.

ASTERS, Semple's and Early Branching, separate colors or mixed, shipped prepaid. 100, 45c; 1,000, $2.75. GLICK SEED AND PLANT FARM, Smoketown, Pa.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Bay trees, crowns, pyramids and ponies. August Rolker & Sons, 51 Barclay St., New York.

BEDDING PLANTS.

Bedding plants: Coleus, Golden Bedder and Yellow Pfister, 2-in., $2.50 per 100; 3-in., $5; assorted, 2-in., $2 per 100; 3-in., $4. Santolinas, 2½-in., $3 per 100. Alyssum, 2-in., $2.50 per 100. Geraniums, pink, red and white, 4-in., $10 per 100. Fuchsias, assorted, 3-in., $6 per 100. 4-in., $8. Ivies: 5-in., $15 per 100; 4-in., $12; 2½-in., $3; German, Ivy., 3-in., $5 per 100. Petunias, single, 3-in., $5 per 100; 2½-in., $3. Vincas, 4-in., $10, $12 and $15 per 100. The Geo. Wittbold Co., 737-39 Buckingham Place, Chicago.

Bedding plants: Alternantheras, red and yellow and Brilliantissima, alyssum, ageratum, begonias, Cobaea scandens, coleus, caladiums, dusty miller, Dracæna indivisa, rose geraniums, Mme. Salleroi, English ivy, lobelias, Marigold, pansies, primulas, phlox Drummondi, petunias, Salvias, Bonfire and Zurich; smilax, Torenia Fourneri, Vinca rosea and alba, variegated; verbenas wandering Jew. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding stock: Fuchsias, alyssum, swainsona, achryanthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. J. A. Peterson & Sons, Cincinnati, Ohio.

Begonia Chatelaine, 2½-inch pots, $5 per 100. Vaughan's Seed Store, Chicago and New York.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS—PYRAMIDS, broad, heavy, uniform specimens: 2 ft., $2.25 each; 2½ ft., $2.75 ea.; 3 ft., $3.25 ea.; 4 ft., $4.50 ea.; price includes tubs, f. o. b. Dundee. BUSH SHAPE—heavy, 12-in. balled, 35c ea.; 14-in., balled, 40c ea.; 16-in., balled, 45c. ea. THE D. HILL NURSERY CO., Inc., Box 404, Dundee, Illinois.

BOX TREES, Pyramids 2 to 2½ ft., choice trees, $1 each; $10 per doz.; 2½ to 3 ft., $1.50 each; $16.50 per doz. Prompt shipment assured. WAGNER PARK NURSERY CO., Sidney, Ohio.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, lilies, cold storage, giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9 inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

FISHER'S PURITY FREESIA BULBS. Large stock; prices right. Place your orders now. CURRIER BULB CO., P. O. Box 102, Seabright, Calif.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000; King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc, Improved, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS.
3,000 very fine, best bedding sorts, strong 3-inch pots, $4 per 100. King Humbert, $5 per 100. Cash.
JOSEPH BANCROFT & SON, INC.,
CEDAR FALLS, IOWA.

CANNAS, 3-inch, large plants, King Humbert, Gustav Gumper, Wallace, Kate Gray and Express, $5 per 100. Cash, please. HARRY HEINL, West Toledo, Ohio.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Cannas, 5 varieties, $4 per 100. Jos. H. Cunningham, Delaware, Ohio.

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FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

•Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

10,000 CHRYSANTHEMUMS in prime condition from 2¼-in. pots or soil. Golden Glow, Bonnafon, Chas. Razer, Pink and White Ivory, Pink Helen Frick, $2.50 per 100; $20.00 per 1,000.
Cash with order.
FRED G. HUNT, DES PLAINES, ILL.

Chrysanthemums, rooted cuttings, Robt. Halliday, Nagoya, Dr. Enguehard, $1.25 per 100; $11 per 1,000. Mrs. Beu, Pretoria, Emile, Zenobia, Diana, Yellow Baby, $2 per 100; $15 per 1,000. Cash, please. JAMES PSENICKA, Gross Point, Ill.

FROM OUT-DOOR STOCK PLANTS.
ROOTED CUTTINGS ONLY—Immediate delivery—October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Bonnaffon, yellow	2.00
Chas. Razer, white	2.00
White Bonnaffon, white	2.00
Dr. Enguehard, pink	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Agloi, variegated	2.00
H. Hicks, brown	2.00

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
Golden Glow	2.00	15.00
Yellow Eaton	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

FROM OUT-DOOR STOCK PLANTS.

$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COLEUS.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

Cyclamen, pure white, white with red eyes, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, dark red, Rosy Morn, Brilliant red and bright red, 3-in., $8 per 100. The Geo. Wittbold Co., 737-39 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen giganteum, 3-inch pots, $10 per 100. J. A. Peterson & Sons, Cincinnati, Ohio.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

Dahlias, from 2½-in. pots, $5 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna Massangeana, 5, 6 and 7-inch pots. Julius Roehrs Co., Rutherford, N. J.

Dracæna Indivisa, 3-in., $5; 4-in., $15; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

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WHITE PINES.

Magnificent specimens, several times transplanted; 10-12 ft., $9 each; 12-15 ft., $11.50 each; 15-18 ft., $15 each. All balled and burlapped. Strictly nursery grown.

D. HILL NURSERY CO., INC.,
Evergreen Specilalists.
Box 404. DUNDEE, ILL.

FERNS.

Boston ferns, fine bushy stock, ready for a shift. 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston, 30 inches high, $1. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

FERNS.

FERNS, fine clean stock, absolutely free from scale, all from 2¼-inch pots.

		Hundred	Thousand
15,000	Whitmanii, superb stock	$4.00	$35.00
10,000	Teddy, Jr., the best of all general purpose ferns, sweeping the East like Wildfire	6.50	60.00
10,000	Roosevelt, not so well known but the demand is right up with "Boston"	4.50	40.00
5,000	Big Four, (Neph. Splendida), our own introduction. The best fern ever sent out for box or vase work, strong healthy grower	4.00	35.00
5,000	Piersonii Improved — another of our introductions, very seldom runs back	4.00	35.00
5,000	Scotti (Newport Fern)	5.00	45.00
5,000	Exaltata, the old original Sword Fern. Fine for vases	3.50	30.00
5,000	Elegantissima Improved, Lace Fern	4.50	40.00
5,000	Scholzeli, Crested Fern	4.50	40.00
5,000	Godii, "Baby's Breath"	5.50	50.00

Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

GARDENIAS.

GARDENIAS.

Gardenia Veitchii, 2½-in., fine strong plants, $5 per 100; $40 per 1,000. METAIRIE RIDGE NURSERIES CO., Ltd., New Orleans, La.

GERANIUMS.

GERANIUMS, Buchner, white, 4-inch, bud and bloom, 8c; 2½-inch, bud and bloom, 3c. All good stocky plants. Beaute Poitevine, Ricard, Viaud. 2½-inch, 3c. Cash with order. GUS SCHLEGEL, Olney, Ill.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, 1,000 4-in. mixed, in bud and bloom, fine plants at 7c. Call 4523 Addison St., 3 blocks west of Milwaukee ave., Chicago.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12½c each. HENRY SMITH, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Geraniums, mixed, 3-in., my selection, $4 per 100. Jos. H. Cunningham, Delaware, Ohio.

GLADIOLUS.

FALL BLOOMING GLADIOLUS FOR JUNE PLANTING.

Avoid the late Fall vacancy in florists' flowers. Try June planting of Autumn Queen Gladiolus. This extra beautiful variety blooms late. Bulbs keep well for June planting after the rush is over. Splendid for florists' work. Extra good grower and bloomer. Fine foliage and spike, flowers all facing one way. Captures city trade. Color creamy white, with delicate pinkish tint on portion of petals.

Frank Winans, a Petoskey florist, says: "I have tried out Mr. Ward's Autumn Queen Gladiolus and think it well named. For floral work I find it fully equal to America and as to lateness, I used them from the field as late as November. It is a boom to florists."

SPECIAL TRIAL PRICE.

The regular price is $35.00 per 1,000.

Will send by parcel post, prepaid, for florists' test, First Size Bulbs:

25 bulbs for $1.00.
100 bulbs for $2.50.

JUNE ORDERS FILLED.

Cash with order. Local checks accepted.

J. SCOTT WARD,
Gladiolus Specialist,
PETOSKEY, MICH.

AT YOUR OWN PRICE.

Until planting I offer the following gladioli in good, sound bulbs at your own price. Send in your bids, with remittance, and I will send the bulbs if not sold out: 3,000 America, 1½ to 2-in.; 3,000 Brenchleyensis, 1¼-in.; 2,000 Mrs. Beecher, 1½ up; 5,000 Minnesota (Sterling) 1¼ up; 3,000 America, 1-in. to 1¼-in.; 2,000 Florists' Light (Cowee's and Austin's stock) 1½ to 2-in.; 2,000 Groff's Hybrids, 1¼-in.; 2,000 Cracker Jack. Also 2,000 Augusta, 1¼-in. at $7; 2,000 Augusta, 1½-in. at $8.

GEO. S. WOODRUFF,
INDEPENDENCE, IOWA.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

GREENS.

Huckleberry foliage, $2.50 per case. Natural and perpetuated moss. E. A. Beaven, Evergreen, Ala.

Huckleberry foliage, $2.50 per case. Natural and perpetuated moss. Caldwell the Woodman Co., Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

IVIES.

ENGLISH IVY—Rooted Cuttings, 75c per 100 postpaid; from soil, 20 to 30-in., $3; from pots, 12 to 15-in., $4. Chas. Frost, Kenilworth, N. J.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $8.50 for 500; $4.50 for 250; $2 per 100. Florists' Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

500 2-year 5-inch SINGLE HIBISCUS, $3 per doz., strong plants. MEURER BROS., 5019 Virginia Ave., St. Louis, Mo.

Water Hyacinths, 50c per doz. MEURER BROS., 5019 Virginia Ave., St. Louis, Mo.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

MYRTLE.

HARDY MYRTLE.

Exceptionally fine 2½-inch stock, $3.00 per 100; $30.00 per 1,000 while they last. Cash please.

C. CLEMENSON,
7801 South Shore Avenue, Chicago, Ill.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANDANUS.

Pandanus Veitchii, 6-in., $1.25 to $1.50 each; 7-in., $2 to $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 6-in., 7-in. and 8-in. pots. Julius Roehrs Co., Rutherford, N. J.

PANSIES.

Pansies, field-grown, in bud and bloom, $1.25 per 100; $10 per 1,000; extra large plants, $15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PALMS.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	....$ 0.35
6-inch pots,	6 to 7,	24	.... 1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....$	0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	..$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

Primula Veris, 2¼-in., in bloom, $2.50 per 100; Shasta daisy, 2¼-in., $2.50 per 100; Coreopsis, 2¼-in., $2.50 per 100; Phlox, 2½-in., $4 per 100; Aquilegia, California hybrids, $3 per 100; Delphinium, Chinese, $2.50 per 100; Delphinium Bella Donna, Gold Medal, $3 per 100; Pinks, $3 per 100; Napoleon III, Carnation, $4 per 100; Lychnis Chalcedonica, $3 per 100; Oriental Poppy, hybrids and red, in pots, $3 per 100. Hollyhocks, separate colors, double, and hollyhocks mixed single, $2 per 100; Digitalis, strong, August sown plants, $1.50 per 100; Sweet Williams, clumps, $4 per 100; Shasta daisies, Tritomas, Campanulas, Baby Breath, Pentstemon, Asters, strong August sown plants, $1.50 per 100; Anthemis Daisy, clumps, $4 per 100; Coreopsis, clumps, $4 per 100; Phlox, clumps, $4 per 100. Cash please. ERNEST ROBER, Wilmette, Ill.

SWEET WILLIAMS, giant flowered mixed, 2-year-old, heavy, 6c each. Hardy Carnations, 2-year, 7c. Cash, please. George Popp, Jr., Fort Recovery, Ohio.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work, 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Petunias, single, 2½-in. pots, $3 per 100. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small	$4.00 per 100
1-year, medium	6.00 per 100
1-year, strong	8.00 per 100
1-year, extra strong	10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery. ERNEST ROBER, WILMETTE, ILL.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RESURRECTION PLANTS.

MEXICAN RESURRECTION PLANTS, large, 100 prepaid for $2; 1,000, $15. Also in handsome cartons making unequaled florists' souvenir.

CACTI, 3 to 5 inches high, good bloomers, quick sellers, 100 for $6. LESTER CO., Box 55, Mesilla Park, N. M.

ROSES.

GRAFTED PLANTS.

BULGARIA, 4-INCH, PER 100, $8.00. EXCEPTIONALLY FINE PLANTS FOR EITHER GROWING IN THE GREENHOUSES OR PLANTING IN THE GARDEN, FOR THEY ARE SO LARGE THAT THEY ARE ALMOST READY TO BLOOM.

BENCH PLANTS.

We are now replanting and can offer good two-year-old stock fresh dug every few days. Beauties, Pink and White Killarney at $5 per 100, in lots of not less than 100, any one variety. All plants shipped from Hinsdale.

ROSE BARGAIN.

1,000 bench plants of Prince de Arenberg, one-year-old, own root, now ready to sell. Price $60 for the lot. Answer quick.

BASSETT & WASHBURN,
131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

FORCING ROSES.

Grafted strong 3-inch.

	Per 100	Per 1,000
Hoosier Beauty	$35.00	$300.00
Russell	15.00	125.00
Sunburst	12.00	100.00
Ophelia	15.00	130.00
Hadley	15.00	120.00
Milady	12.00	110.00
Mrs. Geo. Shawyer	12.00	110.00
Aaron Ward	12.00	110.00
Killarney	12.00	110.00
White Killarney	12.00	110.00
Killarney Brilliant	12.00	110.00
Richmond	12.00	110.00
Sunburst, own root	9.00	85.00

VAUGHAN'S SEED STORE.
CHICAGO, NEW YORK.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	7.00	60.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO.

Guaranteed strong, healthy plants—big value for the money.

	100	1,000
2,000 White Killarney, 2½-inch	$4.00	$35.00
6000 Pink Killarney, 2½-inch	4.00	35.00
3,000 Sunburst, 2½-inch	4.00	35.00
1,000 Richmond, 3½-inch	5.00	40.00
600 Sunburst, 3½-inch	5.00	40.00

Cash with order, please.

ADAM ZENDER,
6638 Ridge avenue, Chicago, Ill.

Roses, choice 2½-inch plants: White Killarney, Mrs. Aaron Ward, Maryland, Sunburst, $4 per 100; $35 per 1,000. Beauties, $5 per 100; $40 per 1,000. Choice 3½-inch plants: Sunburst, $8 per 100; $50 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

ROSES.

ROSES from 2½-inch pots.

Grown to plant—not to sell. Surplus over our own planting requirements. Not rooted cuttings, but well established plants from 2½-inch pots.

RAMBLERS & CLIMBERS

	Per 1,000
American Pillar—Pink, clear white eye, yellow stamens, single flower	$30.00
Baltimore Belle—Blush white	25.00
Crimson Rambler	25.00
Climbing American Beauty	50.00
Dorothy Perkins—Shell pink	25.00
Excelsa—Red Dorothy Perkins	30.00
Philadelphia—Red	25.00
Queen of the Prairies—Rosy red	25.00
Sodonia—Bright red	30.00
Tausendschon (Thousand Beauties)	25.00
Trier—Creamy white	25.00
Veilchenblau—Violet blue	25.00
White Dorothy Perkins—Pure white	25.00

DWARF POLYANTHA OR BABY ROSES

Anny Muller—Cerise pink	$30.00
Baby Rambler (Mme. N. Lavavasseur), Crimson	27.50
Jessie—Clear glowing red	27.50
Orleans—Geranium pink	25.00
Yvonne Rabier—White	27.50

MOSS ROSES

Blanche Moreau—White	$35.00
Crimson Globe—Crimson	35.00
Princess Adelaide—Pink	35.00

TEAS AND HYBRID TEAS

Gruss an Teplitz—Rich scarlet	30.00
Mamon Cochet—Coral pink	30.00
Yellow Soupert—Yellow	27.50

HYBRID PERPETUALS

Aldred Colomb—Crimson	$35.00
Anne de Diesbach—Pink	35.00
Conrad F. Meyer—(hybrid Rugosa white)	35.00
Coquette des Alps—Blush white	35.00
Coquette des Blanches—Creamy white	35.00
General Washington—Deep red	35.00
J. B. Clark—Deep scarlet	40.00
John Hopper—Rosy pink	35.00
Marchioness of Lorne—red	35.00
M. P. Wilder—Crimson	35.00
Mme. Georges Bruant — Hybrid rugosa white	35.00
Mme. Gabriel Luizet—Silvery pink	35.00
Mme. Plantier—White	30.00
Mrs. R. G. S. Crawford—Pink	35.00
Oakmont—Peach pink, free flowering	35.00
Prince Camille de Rohan—Deep maroon	35.00

JACKSON & PERKINS COMPANY
NEWARK, NEW YORK

2½-INCH ROSE PLANTS.	GOOD STOCK. Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Cut flower roses, from 2¼-inch pots: Sunburst, Prince Charles de Arenberg, Lady Alice Stanley, $40 per 1,000. Ophelia and Francis Scott Key, $50 per 1,000. The Good & Reese Co., Springfield, O.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvias, Bonfire and Splendens, fine stock, 2¼-inch, 2½c. Cash with order. Gus Schlegel, Olney, Ill.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

SEEDS.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

Vegetable plants, cabbage: Early and Late Flat Dutch, All Head, Wakefield, Early and Late Drumhead, Danish Ball Head and other varieties, 30c per 100 by parcel post; by express, 75c for 500; $1 per 1,000; 10,000 and over 85c per 1,000. Beet plants, 75c per 500; $1.25 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VEGETABLE PLANTS, all varieties delivered to you prepaid. Cabbage, Lettuce, Beet, 100, 30c; 1,000, $1.25; 10,000, $10. Cauliflower, S. Potato, 100, 30c; 400, $1; 1,000, $2.25; 5,000, $10. Celery, Pepper, Tomato, Egg Plant, Asters, Pansies, etc. Catalogue. GLICK SEED AND PLANT FARM, Smoketown, Pa.

TOMATO PLANTS, transplanted stocky plants, Chalk's Early Jewel, Bonny Best, Atlantic Prize, Earliana and Stone at 50c per 100; $4.50 per 1,000; in lots of 5,000 or more, at $4 per 1,000. Cash with order. West Hill Greenhouses, Wm. Schwan & Son, Fredonia, N. Y.

1,000,000 Greater Baltimore Tomato Plants for sale. One of the best for Catsup or Canning. $1.25 per 1,000; 10,000, $1.10 per 1,000; 25,000, $1 per 1,000. Ready to set in field. Wm. Stoebe, Home Park Greenhouses, Marion, Ind.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready now, $2 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

VERBENAS.

Verbenas, mammoth, good 2¼-inch plants, 2c. cash with order. Gus Schlegel, Olney, Ill.

VINCAS.

VINCAS—FINE STOCK.

500 Variegated, 2-inch	$ 2.50
1000 Variegated, 3-inch	6.00
200 Variegated, 4-inch	12.00
200 Green, 2-inch	2.50
700 Green, 3-inch	5.00
100 Green, 4-inch	10.00

JOSEPH BANCROFT & SON, INC.,
CEDAR FALLS, IOWA.

Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heinl, West Toledo, O.

VINCA VARIEGATA, 4-inch, strong, 10 to 15 leads, 12 to 18 inches long, $10 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 4-in. pots, $10 and $12.50 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

VINCA VARIEGATA, heavy plants from 4-inch, $1.50 per dozen; $10 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Vinca Variegata, 2½-inch, $3; 3-inch, $6; 4-in., $12 per 100. A. Henderson & Co., 369 River St., Chicago.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca variegata, 4-in., $8 per 100. Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

VIOLETS CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

STOCK WANTED.

Wanted—Roses, Double White Killarney (Budlong Strain), 2½-in. or 3-in. pots, own root stock; immediate or near future delivery, in 1,000 lots. Communicate best price and particulars. Floral Nurseries, Edgely, Bucks Co., Pa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.

Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.

MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

CYCLONE INSURANCE.

For Cyclone Insurance at reasonable rates, write I. C. PENERY, Vice-President, Farmland, Indiana.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

TOBACCO STEMS, full strength, prompt shipment. Address, LEON S. BOUCHER CIGAR CO., Joplin, Mo.

Liquid—NICO-FUME—Paper, for thrips, aphis, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

HAIL INSURANCE.

For Hail Insurance at reasonable rates, address I. C. PENERY, Vice-President, Farmland, Indiana.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Fertilizers, bone meal, sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

The Fuller & Johnson Bemis Transplanter. Write for descriptive circular to the Madison Plow Co., Madison, Wis.

$100 worth of MAGIC BRAND Fertilizers for mixing with your soil will increase your flowering crops $1,000. Chicago Feed and Fertilizer Co., Union Stock Yards, Chicago.

Campbell Irrigation. Special offer: will ship prepaid, 1 Turbo-Irrigator for covering circle 70 to 100 ft., with movable tripod stand and hose connection for large lawns, etc., for $10; or our Automatic Sprinkler with stand for circle 50 ft., for $3, or the two for $12. J. P. Campbell, 19 Terminal Bldg., Jacksonville, Fla.

PRINTING.

500 Letterheads (ruled or plain) and 500 Envelopes, only $2. Printing for Florists a specialty. Satisfaction guaranteed. GLENN H. SNOW, Camden, New York.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.

Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

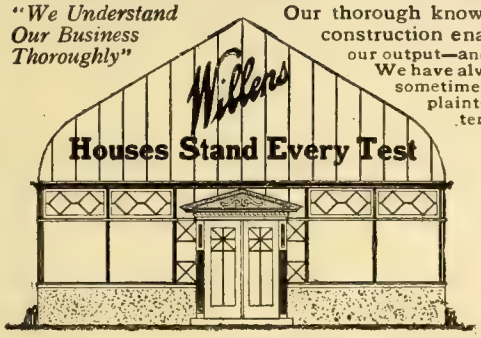
Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Save 10% to 20% on Greenhouses

"We Understand Our Business Thoroughly"



Our thorough knowledge of the finer points in greenhouse construction enables us to save that much on the cost of our output—and we are giving you the benefit of this saving. We have always given 100 cents value for every dollar—sometimes more. As we have never yet had any complaints, we lose nothing by guaranteeing our material against defects.

Willens Personal Service

Every bit of the work is personally directed by one of the Willens'. If we do the erecting, one of the Willens' personally supervises the work. Careful attention is paid to the minutest details, each of which is conducive to longer life and better greenhouse service. If you have never tried us or are dissatisfied in your past dealings with others, begin now to benefit by our service and material. Write us today.

What They Say:

Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,
L. Buckendorf,
Norfolk, Neb.

Willens Construction Co.

1529 S. Spaulding Avenue — LONG DISTANCE TELEPHONES: HARRISON 7073 — LAWNDALE 757 — Chicago, Illinois

Cleveland.

GOOD STOCK CLEANS UP DAILY.

The healthy demand for stock still continues. Everything that is rated as "A No. 1" sells up clean nearly every day; in fact, there is an actual shortage of some varieties. Carnations have been short of the demand nearly all week, and cleaned up entirely right along, the worst shortage being on Saturday, when not near enough carnations to fill orders could be obtained; especially was this true of red varieties. Long stemmed American Beauties have been in good demand all week; good stock was scarce and short and medium too are not abundant. Red roses have been scarce, especially in longer grades. Wards and Sunbursts are in good supply, with a good demand. Killarney are good color and quality fine. The warm weather the latter part of the week, however, brought stock in rather open, but the demand was good and stock cleaned up remarkably well. The call for Easter lilies is poor and callas are about done for. Lilac is a thing of the past. Sweet peas are in good supply, but mostly lavender. Pink and white, in the better grades, are in good demand. The demand for lily of the valley is fair, and stock is exceptionally fine. A few of the local, early red peonies have arrived, but most of the peonies sold on this market are of southern stock, and not quite up to local qualities when they arrive, which we hope will be before Memorial day next week. Baby gladioli have been plentiful with only a fair demand. Candytuft meets with a fair call. Swainsona is plentiful. Outdoor lily of the valley goes begging. Snapdragon and larkspur are in good demand at fair prices. Calendulas, daisies and forget-me-nots are used freely. String smilax has been in good demand, but is a rather scarce article just now, and what little does come in is short. Asparagus plumosus and Sprengeri are equal to the demand, as is adiantum fern.

NOTES.

About 1,000 applications for vines, trees and shrubs have been received by Dr. Jean Dawson, chief of the bureau of fly extermination. "Live plants for dead flies" is the slogan, and by the number of plants and vines sent out the children of Cleveland are certainly "swatting the fly." Rose bushes lead as favorites.

The Cleveland Cut Flower Co. had about 3,000 carnations taken from in front of their store door May 22. One of their carnation growers, who is in

I-B Mill Co.

SATISFACTORY GREENHOUSES

Our construction is approved throughout. We do not expect our customers to try out any new ideas which are likely to disappear again from the market in a few years. Our 25 years' experience in the greenhouse construction line is at your disposal, if you wish to build a convenient, efficient and lasting house at a moderate cost.

ICKES-BRAUN MILL CO.

2340 WABANSIA AVE. (near Western and North Aves.), CHICAGO

Greenhouse Material, Greenhouse Hardware, Hotbed Sash.

Morehead Back to Boiler SYSTEM

Points the way to economy of fuel.

BEGIN NOW to find out about the "Morehead" system. Send right away for the "Morehead" book for florists. In it you will find an easily understood discussion of the boiler and condensation question from the practical standpoint of the Grower of Flowers. Write for this help TODAY.

MOREHEAD MFG. CO., Dept. "N" DETROIT, MICH. 304

GREENHOUSE LUMBER

1866—1914

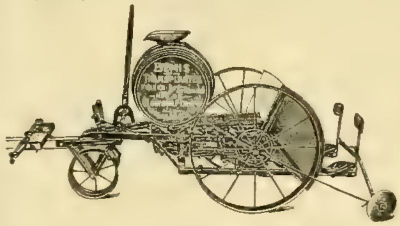
"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.
SQUARE RED CEDAR POSTS.

LOCKLAND LUMBER CO., Lockland, O.

The Fuller & Johnson Bemis Transplanter

has distinctive features which place it in a class by itself. Has been on the market for twenty-five years and fully 100,000 are in use. Buy only the original F. & J. Bemis and get entire satisfaction. The vital points of a perfect working transplanter are found only in the F. & J. Bemis, to-wit:

Floating shoe, independent of the frame. The pressure applied on the floating shoe and pressure plates by the weight of the droppers. Two absolutely exclusive features of this machine. Convenient device for regulating the quantity of water required. Perfect spacing device. Highly tempered and polished soft center steel pressure plates. Regulating of the furrow depth by varying depth shoes. Locking of front truck so that the machine runs straight on the row.



Hoopes & Sons, Muscantine, Iowa, probably the largest growers of vegetables in the United States, state that—

"It is the only practical setting machine now on the market. We, as well as all growers in this vicinity, have been using this transplanter for many years. Is simple in construction, no complicated parts to get out of order, will plant on level ground or on different height ridges any distance apart desired, will plant from four to seven acres per day. Plants are set better, thrive better and make better crops than when set by hand. Machine soon repays its cost in the labor saved and increase of crops. Will set all kinds of plants, sweet potatoes, cabbage, tomatoes, strawberries, etc. We also plant all of our peas, beans, melon seed, Irish potatoes, etc., with it. Fertilizer attachment deposits fertilizer just as desired."

Hundreds of other equally strong testimonial letters on file.

Write for descriptive circular to the

MADISON PLOW COMPANY, Madison, Wis.

the habit of coming about 4 o'clock in the morning usually leaves his carnations in boxes in front of the store, where they lay until the store opens, but not so on this Saturday morning. The empty boxes were found in the alley behind the store. Police located the carnations and also three small boys who stole them. But it seems some one "higher up" hired the boys to steal them, paying each of them a quarter. The dragnet is out for the older boys who engineered the job.

Sheet moss for hanging baskets sold exceptionally well this year, most of the wholesalers cleaning up early on first shipments. C. F. B.

Minneapolis, Minn.

ALL STOCK SELLS AT FAIR PRICES.

The market for the past week has been very good with all stock selling at fair prices, a shortage of outdoor stock helping to keep the market firm. Tulips, and bulbous stock are gone. A recent snow helped to keep out the frost but peonies and irises suffered considerably and some of the earlier bedding stock will have to be replanted. Roses are selling at from 4 cents to 10 cents; carnations, 4 cents to 6 cents; lily of the valley, 4 cents; peonies, 4 cents to 8 cents; gladioli, 3 cents to 6 cents, and sweet peas range from 75 cents to $1.25 per 100. Several weddings in the near future will require a large amount of stock after Memorial day.

NOTES.

Several flower shops suffered loss from frost by not having room to bring in plants from the outside during the recent cold snap.

C. G. Anderson has taken charge at the Minneapolis Floral Co.'s range. No change has been made in the force.

A sign in a local florist's window reads: "Open Sunday from 2 to 4 p. m." Some hours.

The Chicago Avenue Greenhouses will erect two new houses adjoining their present range.

Cal. Rice, of Rice Bros., is in Chicago on business for his firm.

Will Bros. now have their new Chalmers automobile in service.

T. C. R.

ASHTABULA, O.—The Harbor Floral Co. has opened for business at 197 Bridge street.

NEW BEDFORD, MASS.—Pierce, the Florist, Cottage street, contemplates the erection of one large greenhouse, replacing two smaller houses to be torn down.—Temporary Memorial day quarters have been established in the Steiger, Dudgeon building by Post & Gray.—Attractive window decorations of yellow flowers, the official color of the suffrage movement, were made by Wm. Pierce for a mass meeting, held here May 18.

MASTICA

FOR Greenhouse Glazing

USE IT NOW.

F. O. PIERCE CO.
12 W. BROADWAY
NEW YORK

Mastica is elastic and tenacious, admits of expansion and contraction. Putty becomes hard and brittle. Broken glass easily removed without breaking of other glass, as occurs with hard putty Lasts longer than putty. Easy to apply.

KING

The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

KING CONSTRUCTION CO.
29 King's Road, N. Tonawanda, N. Y.

Mention the American Florist when writing

PRINTING FOR FLORISTS

Send for samples of **Three Color Shipping Labels** and Florists' Tags.
Letterheads and Envelopes showing special designs for florists.

Gorham & Limpus Press
542 S. Dearborn St., Chicago.

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

—Send For Prices—

404-412 East 34th St, NEW YORK

LENOX, MASS.—George H. Instone, for the past eight years secretary of the Lenox Horticultural Society, has resigned, having left the neighborhood, and John Carman has been elected to succeed him. In recognition of Mr. Instone's services he was made a life member.

Greenhouse Material Snaps

Supply your needs from the enormous stocks of the world's largest Building Material Department. Reap the benefits of our low prices on lumber, caulk joint fittings, glass, overhauled iron pipe, boiler tubes, hose, etc. Take advantage of our engineering service. We employ experts to solve your heating problems.

Specimen Offerings from Our Bargain Stock, Priced F. O. B. Chicago.

Lot No.

XJ-41—Greenhouse Inside Sash Bar, size 1⅜ x 2½, 100 running ft.......$ 2.85
XJ-42—Greenhouse End Sash Bar, size 1⅜ x 2½, 100 running ft....... 2.80
XJ-43—Pecky Cypress Lumber for greenhouses, etc., 1 in. stock, per 1000 ft., bd. meas. 19.00
XJ-44—No. 1 Cypress, 1 in. rough or 13-16 in. S2S, per 1000 ft., bd. meas....... 27.00
XJ-45—Standard Hot Bed Sash, 1⅜-in. x 3 ft. x 6 ft., without glass, 12 or more, each..... .79
XJ-46—Standard Hot Bed Sash, as above, with puttied-in glass, 12 or more, each...... 1.58
XJ-47—Gal. Wire Shorts for Vine Supports and all purpose use; lengths from 50 to 200 ft.; in 100 lb. rolls; 9 to 18-gauge wire; per roll.......$1.90 to 1.13
XJ-48—First-class second-hand Heating Boilers in any desired size. Very lowest prices.

HARRIS BROTHERS COMPANY, Owners
Chicago House Wrecking Co.,
35th and Iron Sts., Chicago

Now is the Time
To Subscribe to the

Horticultural Trade Journal

Published weekly. The Largest Brightest and Best British Trade Publication. Also

THE INTERNATIONAL EDITION

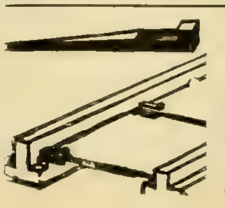
Published quarterly. Annual subcription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

Everything for the Greenhouse

J. C. MONINGER COMPANY,

CHICAGO 902 Blackhawk St. | CINCINNATI Union Central Life Bldg. | NEW YORK Marbridge Bldg



Siebert's Zinc Glazing Points.

Good for small or large glass, do not rust, easy to drive, ⅝ and ⅞ inch. Per lb. **40c.** 5-lbs. **$1.85.** 20-lbs., **$7.00**

Vaughan's Seed Store
Chicago New York

LIQUID "NICO-FUME" PAPER

40% Nicotine.
8-lb. can.....$10.50
4-lb. can..... 5.50
1-lb. can..... 1.50
½-lb. can..... .50

288 sheet can.....$7.50
144 sheet can..... 4.00
24 sheet can..... .85

THRIPS, APHIS

SPRAYING—VAPORIZING—FUMIGATING

Your Dealer has these Prices

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Incorporated, Louisville, Ky.

Aphine

The Insecticide that kills plant Lice of every species

The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
Quart, $1.00. Gallon, $2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
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DULL BUSINESS IN ALL LINES.

The trade the last week has been quiet; very little doing in any line of business. The majority of the stores this year are not handling the artificial flowers that they have handled in former years. Geraniums are having a funny wholesale market; some of the greenhouses are asking $8 per hundred for them and selling them for $1 per dozen retail.

NOTES.

Crowle, the nursery man of Warwick, is drawing large crowds at his auction sales of nursery stock on Empire street. The crowds are large but the bids are very low. He is selling large quantities of fruit trees.

Sword ferns are scarce on the market here, and the demand for them is unusually heavy for this time of the year. There are plenty of Whitmani ferns but the public will pass them by for the sword variety.

The department stores are selling magnolia wreaths this year, each one saying that the other's wreaths are shoddy and that their wreaths are the best. The florists watch them with interest.

Bourgaize & Sons, of Hoxie, are cutting large quantities of outside tulips now that are finding a market in this city.

H. A. T.

CONNEAUT, O.—An addition, 18x65 feet, is being added to the range of L. A. Eaton & Son.

RACINE, WIS.—W. S. Jackson, proprietor of the Lake Shore Greenhouses, met with an accident on May 15, when his automobile collided with one of the city fire department's machines. Mr. Jackson escaped uninjured.

FT. WORTH, TEX.—Due to the original date conflicting with other state meetings, the annual convention of the Texas State Florists' Association will be held here, July 6-7, instead of a week later as originally planned.

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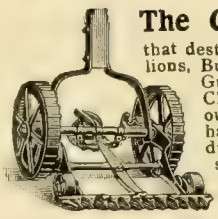

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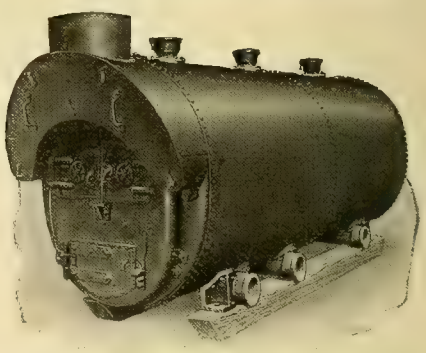

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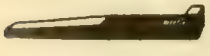

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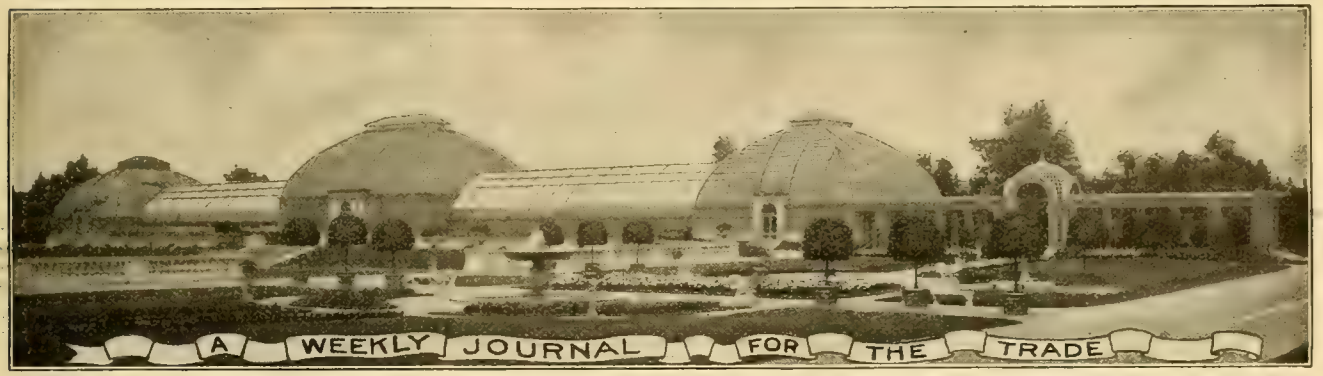

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Annual convention and exhibition at Newport, R. I., July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 131-33 West Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at Minneapolis, Minn., August 24-27, 1915. THOS. WALLIS, Chicago, President; BELLETT LAWSON, JR., Elmwood Cemetery Chicago, Ill., Secretary-Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June 12-13, 1915, at Boston, Mass. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTEBILL, Seattle, Wash., Secretary-Treasurer.

The Florists' Convention Special

Leaving Chicago August 12 for San Francisco.

Chicago to San Francisco.

The transportation committee of the Society of American Florists announces the selection of the Chicago & Northwestern Ry., in connection with the Union Pacific R. R., Denver and Rio Grande R. R. and the Southern Pacific R. R. as the official route from Chicago to the S. A. F. & O. H. 1915 convention at San Francisco, Calif., August 17-19.

The official train will consist of all steel equipment, embodying all that is modern in railway travel of today, including luxurious Pullman sleeping cars, with open sections, compartments and drawing rooms. The official route selected as given in the schedule below has been selected not only on account of its scenic wonders, but because it will give each member the pleasure of combining his business trip with one of recreation at the least possible cost, and based upon time, safety, comfort and scenery.

A low round trip rate of $62.50, Chicago to San Francisco, with a return limit of three months, but not exceeding December 31, 1915, is in effect daily until November 30, and correspondingly low rates are in effect from other stations to Chicago. These tickets permit a wide choice of routes returning, with liberal stop-over and side trip privileges. It is the plan to stop over at Colorado Springs until 10:30 on the morning of August 14, which will allow time for an early morning auto tour to Crystal park, pronounced the wonder trip of the world. Rate, $3 per person. There are many other delightful trips around Colorado Springs: Pike's Peak, Garden of the Gods, Cliff dwellers at Manitou, Cheyenne Canyons, etc. A stop will also be made at Salt Lake City to permit a visit to the Mormon tabernacle for an organ recital; also a trip to Saltair Beach on Great Salt Lake. The balance of the trip will be arranged to cover the most interesting and scenic portions of the trip in the day time.

Members of the special train party may return east by such individual route as each individual may prefer, with date of departure and stop-over privileges as desired. The route must be selected, however, at the time tickets are purchased. The following routes returning are suggested:

FIRST. The direct route via the Chicago, Union Pacific and Northwestern line, viz.: Southern Pacific from San Francisco to Ogden; Union Pacific R. R., Ogden to Omaha; and Chicago & Northwestern R. R., Omaha to Chicago, the route of the famous "Overland Limited."

SECOND. Those who desire to visit the Grand Canyon on the return trip should purchase tickets to San Francisco via the route of the special train, thence Southern Pacific to Los Angeles (choice of Coast line or San Joaquin valley line); A. T. & S. Fe Ry. to Denver, Union Pacific to Omaha, thence Chicago & Northwestern Ry. to Chicago, or A. T. & S. Fe Ry., Los Angeles to Chicago. Via this route trip from Williams to Grand Canyon may be included at an additional cost of $7.50.

THIRD. For tickets to San Francisco, returning by way of Portland or Seattle, Wash., the charge is $17.50 higher. From San Francisco passengers have choice of rail or steamer routes. Via steamer meals and berth are included while at sea. From Portland and Seattle to Chicago a wide variety of routes is offered. Stop-overs may be included without extra charge on application at time ticket is purchased at Pocatello, Idaho, and Ogden, Utah, and the side trip made to Yellowstone Park. From Seattle, returning via the Canadian Pacific route through the Canadian Rockies, Field, Banff Glacier and Lake Louise may be visited. Or the Great Northern Ry. can be used to St. Paul, which allows a visit to Glacier National Park.

President Patrick Welch has appointed J. J. Hess, 1415 Farnham street, Omaha, Neb.; Harry A. Bunyard, 40 West Twenty-eighth street, New York; George Burton, Chestnut Hill, Philadelphia, Pa., and H. H. Bartsch, Waverly, Mass., a committee to co-operate with the transportation committee of the Chicago Florists' Club, which is com-

posed of Guy W. French, chairman, Union Grove, Wis.; Michael Barker, 440 South Dearborn street, Chicago, and Philip McKee, 902 Blackhawk street, Chicago.

As it requires 125 full fares to charter this special train, those in charge of the arrangements have requested that every member of the S. A. F. not only make an effort to join the special train party, but also reply promptly as to possibilities of making the trip.

Sleeping car reservations should be made at once, advising how many in the party, what space wanted and if any ladies are included in the party, addressing H. A. Gross. Gen. Agt., Chicago & Northwestern Ry., 148 South Clark street, Chicago.

The train schedule of the "Florists' Convention Special" and Pullman sleeping car rates follow:

PALM AVENUE, PANAMA-PACIFIC EXPOSITION, SAN FRANCISCO, CALIF.

Schedule.

Lv. Chicago 10:00 p. m. Thursday, August 12, via C. & N. W. Ry.
Ar. Omaha 11:30 a. m. Friday, August 13, via C. & N. W. Ry.
Lv. Omaha 11:45 a. m. Friday, August 13, via Union Pacific Ry.
Ar. Denver 3:00 a. m. Saturday, August 14, via Union Pacific Ry.
Lv. Denver 3:30 a. m. Saturday, August 14, via D. & R. G. R. R.
Ar. Colorado Springs 6:00 a. m. Saturday, August 14, via D. & R. G. R. R.
(Early morning Crystal Park auto tour.)
Lv. Colorado Springs 10:30 a. m. Saturday, August 14, via D. & R. G. R. R.
Ar. Salt Lake City 12:25 p. m. Sunday, August 15, via D. & R. G. R. R.
Lv. Salt Lake City 5:00 p. m. Sunday, August 15 via D. & R. G. R. R.
Ar. Ogden (M. T.) 6:00 p. m. Sunday, August 15, via D. & R. G. R. R.
Lv. Ogden (P. T.) 5:30 p. m. Sunday, August 15, via Southern Pacific Co.
Ar. San Francisco 9:00 a. m. Monday, August 16, via Southern Pacific Co.

Pullman Rates, Chicago to San Francisco.

Lower berth in standard sleeper	$13.00
Upper berth in standard sleeper	10.40
Compartment	36.50
Drawing room	46.00
Lower berth in tourist sleeper	7.00
Upper berth in tourist sleeper	5.60

COEUR D'ALENE, IDAHO.—Adolph Donart is now sole proprietor of the business of Donart & Louis, Mr. Donart having bought out his partner's interest.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Motor Delivery.

Paper by F. W. Beirn, delivered at a meeting of the Florists' Club of Philadelphia, June 1, 1915.

That the great bulk of the hauling and delivery work of the country, will in the near future be done by motor trucks, is an assumption that is justified by the rapid increase in the use of this type of vehicle the past few years. Just as surely as steam boats have replaced sail boats, and as extensively as wires have replaced men as carriers of messages, so will the motor truck supplant the horse in the field of hauling and delivery. The eternal movement toward better things, includes the use of motor vehicles, and they will be regarded as somewhat "antique" whose equipment does not include as an evidence of progress this modern system of delivery.

Our particular interest on this occasion, however, centers on the application of this type of vehicle to the florist. What are its advantages? The speed and ground covering ability of motor trucks are proving a big advantage to the florist. The swift moving power vehicle assures a rapid and punctual delivery of the fragile blossoms to weddings, dinners, banquets, funerals, etc. Representative florists of Philadelphia are making applications of motor trucks to their delivery, and are thus not only solving delivery problems, but are also opening the way to new business. One florist has been for four years a user of motor trucks. With these trucks he takes care of the varied needs of a general delivery of all kinds of flowers, plants, ferns, etc., for a variety of functions. The body of the machine has been built with a special regard to the service it must render. It is built high for plants, ferns, etc., so that they will not be crushed in transit. The fore door construction, which is built in and closed, protects the driver from the elements, and makes it possible for the decorator to go along on trips to places where his services may be needed.

The truck has been a big factor in developing a lucrative line of decorating work at distant points in the suburbs. Assuming, for example, a wedding. The flowers and plants can be packed into the wagon, and the decorator goes along. It is possible to make a twenty mile journey in a comparatively short time, and the work can readily be handled. The result of thus possessing an equipment capable of going the distances, has brought its return in the shape of many profitable orders.

In one respect the delivery of flowers presents a different problem from almost any other field where the truck is used. Weight is almost entirely absent from the calculation. Not many

PLANTING AT THE EDUCATION BUILDING, PANAMA-PACIFIC EXPOSITION.

SOCIETY OF AMERICAN FLORIST CONVENTION AND EXHIBITION BUILDING AT THE PANAMA-PACIFIC, SAN FRANCISCO, CALIF.

articles offered for sale carry less avoirdupois than the blooms used at weddings, funerals, banquets, and for decorative purposes of all kinds. Yet the motor truck is becoming the vehicle preferred for the florist, and it is not uncommon to see a vehicle of three thousand pounds capacity making a trip with ten pounds of blooms. This apparent contradiction is readily explained. The florist uses a motor truck because he is handling a commodity where speed and puctuality are vital considerations. If he cannot get to his customers on time, he might as well go out of business. There is no manner in which a wedding can be postponed until flowers are tardily delivered. Funerals cannot be made to wait, and the decorations for a banquet must be in place before the guests begin to assemble. Moreover, the fragile nature of flowers puts a premium on dispatch in handling them.

A prominent florist puts some of the more important arguments for the motor truck in the florist's business in the following words:

"We have to be ready for a rush at all times. There is no fixed demand in our line—no schedule of business as in the case of so many staples. A man has to have food every day, but he needs flowers only on certain occasions. A wedding, a banquet, a funeral, or several of them taking place in one day, can put a most severe stress on delivery facilities, and in order to cater to customers it is necessary to guarantee an absolute punctual delivery. In this rush work, the motor truck alone can rise to the situation. It is necessary to have the right kind of a car, right equipment, and intelligent direction. With this combination, it will be found that the truck cannot fail to give results.

"Trucks can be forced in a rush in a manner that would not be possible to horses. Trips that used to be very difficult for the horses, are the simplest things in the world for a truck. With a truck the florist is always in position to handle an emergency order and to make prompt delivery, no matter what the volume to be carried, or the distance to be covered. Weather conditions matter not. For this reason trucks are really an essential of the system."

This excellent summary is the experience of many prominent florists. Naturally all florists do a large amount of work in the suburbs, for it is in the suburbs that a large part of the city's wealth and social prominence are to be found, and these are the people who give a special regard to the handsome decorations in which flowers play so marked a part.

To send a pair of horses to Paoli, Pa., and back, is about the limit that could be expected of a pair of animals in one day. In fact, such a day's work is likely to leave them pretty well fagged out for the next day's toil. Such a trip is easy for a truck. It can make the run to Paoli in the morning and be back in the afternoon in time to run to Jenkintown, or even further. It is not uncommon for trucks in the service of Philadelphia florists, to go to points as far distant as Chester, Wilmington and Trenton. There are many fine residences in the suburbs, not situated along the railroad lines. These are often too remote to be reached by horses and wagon. Here is another application for the truck.

A special advantage in the use of trucks, is that it is possible to have the vehicle arranged to suit the particular needs of the florist's business. Mention has already been made of the elevation in the body to permit the carrying of tall plants. It is possible to have the bodies built so that they combine elegance and good taste with proper advertising value. Electric lights are installed so as to facilitate the handling of the flowers, so that the driver, or his helper, will not break or damage the flowers in removing them. Artificial heat in the interior of the vehicle is also feasible, and is a most helpful factor. This is especially valuable in cold weather to protect the more fragile blooms. A device something similar to the foot warmer more or less used in carriages, gives this safeguard against too low a temperature. Thermometers in the truck make it possible to regulate the temperature.

There is an undoubted advertising value in motor trucks for floral deliveries. People like to see a handsome power vehicle in front of their home, and it is nothing uncommon for a florist to get a request to have an order of flowers delivered by his truck rather than a horse and wagon. Moreover, the vehicles carry the name of the florist through the fashionable sections, and help to attract public attention to a firm that has the modern equipment to take care of its customers. Advertising is one of the great factors in business. Every business must advertise in one way or another, and the multiplicity of methods demands constantly more effective means of reaching the public attention. Good advertising is the creating of favorable public opinion for your store, your product, your service, or whatever you have to sell.

The motor truck is commonly considered only as a means for transporting things from place to place. But if one stops to consider, it is discovered that the motor truck is also an advertising factor of growing importance. The motor truck symbolizes progress—people think of it as one of the signs of the times, one of the things, which along with the wireless telegraphy, airships, skyscrapers, etc., separates the present from the past. When a business firm places its name and the name or illustrations of its products prominently upon its motor trucks it is an effective advertisement and creates prestige for the advertiser with the thousands who see it daily. The Philadelphia Public Ledger expresses the opinion that, "In a system of good book-keeping, a large portion of the cost of maintaining a motor

truck delivery system would be charged to advertising. By this method justice would be rendered to the amount of profitable publicity that accrues from the possession of power vehicles. The motor truck, with the name of its owner prominently displayed, is a moving billboard that advertises a firm in all parts of the territory in which its business is located. A power vehicle is accepted by the public as a demonstration of the ability of the firm to make good its delivery promises, and to reach on schedule time sections inaccessible to other forms of transportation. This kind of advertising is invaluable. It is both a business-getter and a business-holder. Such advertising costs nothing in direct outlay. It is a bonus with the truck. It comes as an incident of an improved service.

Many firms have demonstrated by actual test, that every time a truck goes into an unexploited territory, it produces new customers. People see the vehicle pass. It is striking. They admire the enterprise it represents. Instinctively they figure that the firm that owns it must be modern, and must be selling high grade articles. The character of the medium is one of the important elements in any advertisement. The firm or the product represented by trucks advertises through a medium most potential in prestige creating value.

It will be seen from the foregoing that the great advantage of motor delivery in this line of business is efficiency. This efficiency, however, is not to be obtained in a haphazard manner. Much forethought and careful deliberation should be given to the selection of motor equipment, and the co-operation of transportation analysts (whose services are extended by most truck companies), should be obtained, so that the proper size and style of equipment will be the result.

There are many important points to be considered in the selection of a motor delivery vehicle. On many points of motor construction, manufacturers dispute and differ widely, and every truck on the market to-day has various good talking points which may, or may not, appeal to the prospective purchaser. But when all is said and done, the construction which gives the best results in actual operation, is the correct one, and all theoretical practice without the test of widely varied service, is of little consequence.

Your selection of a truck should be influenced by four factors. Simplicity of construction, accessibility, economy of operation and service. By simplicity, I mean that it should be of interest to you that your vehicle, going as it will into the hands of unskilled drivers, should be devoid of all unnecessary complications, and should have as few parts as is practical. All working parts should be accessible so that when adjustments and replacements become necessary, the amount of labor consumed in making said replacements and adjustments, is by this accessibility reduced to a minimum. The more accessible the machinery and parts of your vehicle, the less the mechanical upkeep will cost. Economy of operation is also important, and the mileage per gallon of gasoline and oil should be carefully looked into. While it may be true that gasoline does not cost much, and that a gallon per day more or less seems trivial, yet when this is multiplied by approximately 300 working days in the year, its value becomes more apparent. The cost of tires is an item to be strongly considered, and the vehicle selected should be well balanced with weight, so distributed as to give greatest life to the tires. The weight of the vehicle should also be considered, as it is poor economy to select any vehicle whose own weight is excessive for the load it is to carry.

Service is a most important factor to the prospective truck purchaser, and he must needs be assured that the delivery which supplants his horses, shall be continuous and uninterrupted. Assurance on this point can only be insured by investigation on the part of the prospective purchaser. He should be sure in the first place, that the company whose proposal he is considering, is big enough and healthy enough to live up to the promises it makes in this regard. He should ascertain whether a service station of said company is located in or near the town where he proposes to operate his truck, and whether the station is open at all times for his convenience. Also whether a complete supply of duplicate parts are kept on hand to meet the demands of all emergencies. This information can all be secured with very little trouble on the part of the purchaser, and the best way of securing it is from the present truck owners—the men who have had the experience and know whereof they speak.

Finally, do not be misled by the lowest price. It is poor economy at all times, but especially so in the matter of motor trucks. Buy the best and keep it. Forget the bugaboo of the automobile world, "trade-in". The late Elbert Hubbard said, "Keep your car." "Don't buy a car that was built for trading purposes." "Buy a good one and keep her." He further said there are three things you must keep. "Keep your temper"—"Keep your friends"—"Keep your health", and he added a fourth—"Keep your car."

Crops Not Affected by Moon.

Scientists are now convinced that the moon has no more influence on crops than it has upon the temperature or the amount of rain or the winds or any other weather element. The growth of plants depends upon the amount of food in the soil and in the air that is available for them and upon temperature, light, and moisture. The moon obviously does not affect the character of the soil in any way, neither does it affect the composition of the atmosphere. The only remaining way in which it could influence plant growth, therefore, is by its light. Recent experiments, however, show that full daylight is about 600,000 times brighter than full moonlight, yet when a plant gets 1/100th part of normal daylight it thrives little better than in absolute darkness. If 1/100 part of normal daylight is thus too little to stimulate a plant, it seems quite certain that a 600,000th part can not have any effect at all. It is therefore a mere waste of time to think about the moon in connection with the planting of crops. The moon, say the scientists, has nothing more to do with this than it has to do with the building of fences, the time for killing hogs, or any other of the innumerable things over which it was once supposed to exert a strong influence.—Department of Agriculture.

PLANT NOTES.

Cleaning Up.

The bedding season is over, the year's work is practically finished, the young stock for another year in preparation, and now is the time to clean house. Don't leave a lot of worthless stock scattered around the houses that takes a man's time to water, but what it is desired to save block all up together where it can be watered in a short time, and above all things throw out anything that has passed its usefulness. How often have we seen plants that would never have been of any value left standing in the greenhouses until fall planting; neglected, yet taking more or less room, to be thrown out at last and the houses never thoroughly made ready for the coming crop. Get the plants that need care and attention all together and clean up the other houses. If the stock is grown in benches these will need repairing, and if badly decayed take them down and rebuild. Those that have cement benches are fortunate for they will only need repairs. Throw out all the old soil and clean up under the benches and in all the corners, and throw out any old rotting boards or pieces of crocks, and thus get rid of the vermin that invariably infest greenhouses. After the benches are cleaned out, give them a good, thick coat of whitewash in which sulphur was mixed when the lime was slacking. The advantage of this is too little appreciated by many growers. It costs but little and the prevention from fungus will often amount to a great deal. After the whitewash has died throw a few ashes or a mulch of some kind on the wooden benches to protect them from the hot rays of the sun. Give the inside of the house a good coat of white paint; this should be done at least every other year, for the difference in the amount of light in a clean white house and a dirty one during the dark short days is material, and the increased quality and quantity of stock will more than repay for the expense and labor. Any repairs that the heating system needs should be done at once and the boilers cleaned up ready for fall. Too often the boiler is never thoroughly cleaned out after the last firing and ashes and clinkers left lying around in a moist condition, rusting the boilers. The steam boilers should either be emptied or filled, for if the water is left standing rust will form inside just above the water line and rapidly eat into the iron. These are all necessary details to be looked after at the earliest possible moment.

Ardisia Crenulata.

The seeds of ardisia may be sown at any time during spring, and as it will take until another year to grow plants that will fruit it is not material at which particular time they are sown. The seeds are a little slow in germinating and it is better to sow them in the manner of sowing cyclamen, about half an inch apart. In early summer they should be potted in 2½-inch pots and are better grown in a frame than in the greenhouse. In the fall when brought into the houses they should be again potted in three or four-inch pots and grown in a temperature of 50°. The plants are of a woody nature and grow slowly and should not

be potted into too large pots, for it is far better to allow the roots to fill the pots before shifting. The following spring they will bloom, and should then be potted in six-inch pots and given a cool location in the houses. After the fruit has formed and grown to good size the plants should be given a good sunny position that they may take on a bright color by Christmas. If the plants are grown too warm the foliage will be thin and lack the substance and luster which makes them so much admired in the cooler grown plants, and the warmer grown stock gets chilled very easily, when the berries will drop off. The only insect which infests this plant is the brown scale, which, if not destroyed, will cover the plant stem completely. These should be carefully removed and continually guarded against. If there are any old plants that have dropped their lower leaves the top of these can be rooted in a similar manner to rooting rubbers, that is, by cutting into the stem and mossing the cut, and after the roots have appeared in the moss, the top cut off below the moss and potted.

Fancy Leaved Caladiums.

It will soon be found difficult to obtain the quality of flowers necessary to maintain a fine window display, so attractive plants will be required, and the show houses leading from the store or office will need something with bright color to attract attention. The fancy leaved caladiums are beautiful plants for this purpose, and should now be nice plants in four or five-inch pots. Nice plants can be grown in these sizes and they are easily arranged in a bed of green sheet moss and are very attractive. For the young stock now coming on a very light house is an absolute necessity to obtain the highly colored leaves, and almost a full exposure to the rays of the sun. While the plants delight in a moist atmosphere, this must not be obtained by heavy shading, but by frequent syringing and damping down the walks and under the benches. The temperature should be kept warm and close, never dropping below 60 degrees at night, even if a little fire heat is required. They will require copious watering to keep the beautiful leaves in good condition, and considerable feeding to bring the high colors and large, full leaves. Should flower buds form they should be immediately removed, for they will check the growth of the leaves.

Canterbury Bells.

There is always a demand in the spring for something different than the flowers which the buyers have seen all through the winter and many growers have a call for some of the forced perennials. Canterbury bells are grown for this purpose and if well grown find a ready sale. Seeds sown now and grown on in pots, being shifted into larger sizes as may be required, will bloom next spring and help furnish the grower with a variety of stock. They should be grown cool during the early winter, a violet house or one of a similar temperature being about right, and then brought into a warmer house with a temperature of 50° in late winter where they will produce fine blooms for early spring. By bringing a few at a time into the warmer house a succession of bloom may be had.

Gloxinias.

The gloxinias that were started in late winter should now be beginning to flower. After the flower beds have set they can be placed in a little shadier location and the danger of burning the foliage be obviated to a great degree. The plants should be spaced far enough apart that they do not touch and a proper circulation of air procured around the plant. If the flowers are to be used in floral work they should be cut as soon as fully open and placed in water away from draughts, and they will keep very well; these flowers are very fragile and should be handled carefully. If there are any particularly beautiful flowers that it is desired to propagate, the leaves can be rooted in the propagating bench by placing the base of the leaf in the sand to the depth of about an inch. The seedlings should be potted along for later blooming.

Dracaena Indivisa.

The seedlings of Dracæna indivisa should now be taken from the flats and potted in small pots and placed in a good moist location that they may make a good growth before the fall. A palm or fern house or one with similar temperature is the best for the small stock. The four-inch stock that was not disposed of during the spring sales can be either plunged outside or planted in a frame, where they will not demand the close attention necessary in the greenhouse. If planted out they should be potted up early, at least by September 1, when the roots are active and will quickly obtain a foothold in the new soil. They should be heavily shaded for a few days after potting or some loss of the plants may result. Any old plants that have outgrown their usefulness may be propagated, the stems cut up into small pieces and laid in a propagating bed with bottom heat where the eyes will open and young plants quickly form.

THE ROSE.

Extra Help for Spring and Summer.

With so much work ahead of us, both inside and outside of the houses, we often find that extra help is required through the spring and summer, as the work is really increased in every way, and it is poor policy to let the work get ahead of us on account of the extra help it may require temporarily. The regular inside help should be kept inside the houses, and as much care should be used in keeping things shaped up one time as well as another as the plants should never be neglected, just because the call for outside work comes at this time. The young stock should be shifted along as they may require it; never let any of the rose stock become pot-bound, but keep it jumping. Shift all 2½-inch stock to 3½-inch pots and drain all 3½-inch pots carefully. Pot firmly and use a good rich compost for the shift. The 2-inch stock can go into three and later into 4-inch if necessary. Perhaps for some extra early planting (which can be done now) the stock can be taken from 2½-inch pots and this will make room and save potting. Plants that are grafted should be carefully staked when shifted into larger pots and the raffia removed. This is very important. These small stakes will even help support the plants for a while after they are planted in the beds.

The stock plants will require frequent tying, now that they are in such rapid growth; also, careful pinching to prevent too many short stemmed flowers from coming along, and as the ventilators are raised to their full openings often now. The amount of water required will be almost double; also feeding, to keep the stock humping right along. The soil should never be exposed; keep the bed mulched and the mulch stirred, so that the manure will not bake. By watering a bed just as soon as the mulch is applied the manure can be broken up and leveled with the force of the water, which cannot be done if left to dry out for a day or two, which will be a waste of at least a third of the mulch as far as the plant food it contains is concerned.

Very often there are one or more new houses added to the range in the spring, which is often the cause of a setback to the plants, unless this work is taken care of by an extra lot of help, and we have found that to employ enough extra men to keep the new work going along nicely without shortening up the regular range help, has been money spent to the very best advantage. There is only one thing to do these days to keep one's head above water in the rose business and that is to have good stock every day in the year and this can only be done by keeping up with all of the work, taking as much pride in the crop and the work one day as another, looking after the details in April, May, June, etc., as one does in December, January or February. Roses will not grow themselves at any time, and as we are carrying over stock for several years, the stronger we have our plants, by the resting and pruning back season, the safer we will be for the season's crop to follow. We have a house of seven-year-old stock on our place at the present time, that has been a paying house for that many seasons, and at this writing has produced more fine flowers this season than any other previous season, owing principally to extra feeding and also to keeping the plants always tied carefully, allowing a free circulation of air at all times. There is nothing novel in having a lot of plants run from 3 to 10 years in the same beds without removing them if they are given the proper care, and this is why we so strongly advocate keeping right up with the work, neglecting nothing. Practicing false economy is usually short handed, or employing too little help. Of course there will always be leaks, but it is up to the grower to keep an eye peeled for big and little leaks. With the big ones stopped the little ones are easily checked.

E.

FT. WORTH, TEX.—Geo. D. Hunter, general passenger agent of the Texas & Pacific Ry. Co., Dallas, Texas, has announced a round trip rate of one and one-third fare for the round trip from all points in Texas on its line, to Ft. Worth, Tex., on account of the Texas State Florists' convention to be held in this city, July 6-7.

SAGINAW, MICH.—Large additions are being planned by Charles Frueh & Sons, florists, to their already large range outside the city limits. Work has been commenced on three new houses, each of which is to be 300 feet in length. When these houses are completed it is planned to erect three more, similar in all details. The increase in capacity is made necessary by the sale of the property on Hoyt street, where the headquarters of the concern were formerly located.

CHRYSANTHEMUMS

Exhibition of Cut Blooms.

The grower who is able to get his plants into their permanent quarters during the month of May has a big advantage over the man who for some reason or other cannot plant before June. It is supposed that the grower who starts out to grow exhibition chrysanthemums fully intends to give his plants the closest attention from start to finish, for without this failure is certain, and with constant care, planting them the latter part of May will produce blooms of much larger dimensions than later planted stock. To be able to get many of the finest exhibition varieties to their highest state of perfection, early planting is absolutely necessary, and unless a long season is given the plants to make strong, stout growths and well ripen their wood, the best that can be done with them will be thin flowers of undersize and open centers.

Pot culture during the entire season is in favor with many exhibitors, especially so among the private gardeners, and it has its advantages by being able to keep the roots under control and encourage the ripening of the wood; also, on places where the space is too limited to allow for a house or bench to be devoted to chrysanthemums, the plants can easily be shifted around to give them the proper temperature, but pot culture entails a lot of extra work and trouble, especially so as regards watering during the dry summer months, it being sometimes necessary to go over them three times a day, though this is offset later on in the season when the flower is developing by being able to keep down the moisture and allow the blooms to develop slowly. The plants for pot culture should now be well established. For plants in six inch pots ready for shifting up into eight inch, the very best soil obtainable should be used for this final potting, but not too heavily charged with any prepared concentrated manures to overpower the roots before they get well hold of the soil. These manures are a great aid in producing exhibition blooms, but it is a wise policy to be very cautions in their use upon newly potted plants and rely on getting the benefit from top dressing after the plants have become well established in the soil. Ample drainage should be provided and the plants potted firmly. Directly after potting before the roots get hold of the soil is one of the critical periods in the existance of these plants; the soil must be moistoned through gradually as the roots extend into it but overwatering at this stage will quickly cause trouble.

Attention should be given to the work of providing supports for the plants so that there will not be any crooking in the stems at any stage of their growth and to allow for the plants to be properly syringed to keep the thrip and red spider in check. After potting, the best bench in the greenhouse, where they will get full sunshine with plenty of fresh air should be given over to these plants. Copious syringings should be given during the hot days to lessen the heat and promote luxuriant growth.

For bench culture attend to all needed repairs of the benches, then give the house a thorough cleaning out, particularly inside and underneath the benches and in the corners of the house. After this has been attended to give the inside of the benches a good coat of lime wash, then spread a layer of well rotted manure over the bottom of the bench and bring in the soil, which should be as advised for pot culture (the best soil that can be obtained), one part well rotted manure to three parts loam. Firm planting is as necessary with the plants going in the benches as with those of pot culture. These plants must not be overcrowded and need space 9x10 to grow high class exhibition blooms. After planting the same care to get them well started should be taken as is advised for the pot culture.

VARIETIES.

Every exhibitor has his special pets among the varieties and they respond to his will according to the care he bestows on them, many varieties requiring some particular care a little different from the others and each grower must work this out himself according to the soil at his command and the conditions under which he is working. As a guide to what is a good exhibition collection, we might take the first prize vase at the annual exhibition of the Chrysanthemum Society of America held at Indianapolis, November, 1914, which consisted of the following: Wm. Turner, H. E. Converse, Mendon, Daily Mail, Nerissa, Odessa, Mrs. G. Drabble, Glenview, Jas. Fraser, Wm. Vert, F. S. Vallis, Nakota, Golden Eagle, and then add some of this year's novelties like Tekonsha, Kewanee, Silver King, Modello, Mrs. R. C. Pulling, Antigone, Earl Kitchener, A. S. Baldwin, Bob Pulling, and a few more of the old favorites, such as Mary Mason, Mary Donellan, Mrs. J. C. Neill, Naomah, Hon. Mrs. Lopes, Lenox, Pockett's Crimson, T. Carrington and M. Loisseau Rosseau.

C. W. JOHNSON.

THE CARNATION.

Field Culture.

The most important part of the carnation grower's work at the present time is planting out the young stock. The field planting of the young carnation is one of the big jobs of the year, especially where large numbers of plants are grown, and the time between April 15 and May 15 may be said to be the season for attending to this work. The first thing necessary to carry out the work is the preparation of the land; the best land obtainable is not any too good for the field culture of carnations, as so much of the success of next winter's crop depends on the growth the plants will make while growing in the field that every effort should be put forth to encourage them in every way, and this can only be done by attending closely to every detail.

One very important point in connection with the planting ground is to be sure that it is made as level as possible, so that there will be no low places for pools of water to remain after heavy rain storms; low, wet places in the field are where the stem rot gets a start, and it is also important to have the land thoroughly worked over and the clods broken up, so that the planting can be carried out in the best of shape—and the same is true with cultivating after the planting is finished.

The plan of the planting field depends on the size of the acreage at the grower's command. Where area is limited, most growers set the plants in beds, and use the hoe to keep down the weeds and loosen up the surface soil, but when the space will allow the better plan is to set the plants 10 inches apart in the rows and the rows 16 inches apart, to allow for the use of the hand cultivator to do the cultivating.

Before taking out the plants, they should be given a watering and allowed to drain off before knocking them out of the pots. Do not set a plant, while dry, to remain with a hard, dry ball at the roots most of the season. The plants should be taken out of the pots and set in flats at the greenhouse or frames, then carted to the planting ground and planted as soon as possible and not allowed to remain out of pots any longer than necessary before setting in the ground. A little care in how the planting is carried out will make it very much easier. Do not permit the planters, or those dropping the plants, to tramp on the unplanted part of the ground, but have them work from the rows that are planted, so that the soil for each row will be loose for planting; thus, allowing for the work to be done easily and quickly.

Pay particular attention to how the plants are set. they should be planted firm, but not too deep, and above all be sure every care is given to have the rows straight. There is not anything more satisfying to the grower than a well planted field of carnation plants, and just the opposite is the case if the work is not done properly.

After the planting is finished, go over field with the cultivator to loosen up the surface as a finishing touch to the work; then, be on the lookout for weeds from the very start, and check them before they have a chance to attain any size to interfere with the young plants. As soon as the plants get roothold they will quickly need attention as regards topping. Do not allow the growths to lengthen out more than is necessary to attend to this work properly.

Carnation Wilt.

ED. AMERICAN FLORIST:

A great many of my carnation plants are wilting just like the one (White Enchantress) I am sending you. They were set October 1-2 with a transplanting trowel in a clay loam, planted in a very compact bed too hard for hand planting, with roots straight down and deep. After watering thoroughly they made good growth for a while, but were attacked by rust later. After being on the dry side for a while, and dusted with slacked lime, this trouble disappeared, but as soon as water was gradually given them they responded nicely but the rust returned. What do you think the trouble is?

Ohio. C. C. G.

The way the carnation plants were planted may be one of the causes of them going wrong, though I am inclined to think the principal cause is due to some grub attacking the roots. The specimens arrived very much dried up, but we noticed they had very poor roots, which showed every indication of being chewed. I would advise a careful examination of the roots of the next plant that goes down.

Bordeaux Mixture for Carnations.

ED. AMERICAN FLORIST:

Referring to an article in your issue of February 6 with regard to spraying carnations with bordeau mixture for red spider, will you kindly tell me what proportions of the mixture I should use to each gallon of water? Where can I procure the mixture?

Minneapolis. P. F. C.

Considering the small quantity of bordeaux mixture "P. F. C." would need to spray his carnataions, I would advise that he procure the ready-made mixture from a reliable seedsman and follow the directions given for its use. Then add the sugar or molasses as advised in THE AMERICAN FLORIST, issue of February 6, 1915.

C. W. JOHNSON.

Parks and Their Uses.

Address by Supt. Kanst of Lincoln Park before the Chicago City Club, May 19, 1915.

The word "park" originally in English referred to a place for the preservation of deer for the chase, and was characterized by broad stretches of pasture and woods and contained ponds or running water, rustic bridges, thickets of bushes, water, trees, etc. But of late years the word park may designate the grounds surrounding a private estate, a recreation ground known as a large rural park, a small city park, a neighborhood pleasure ground, a square, a place or a garden, parkways or boulevards or outlying reservations; in fact, the word may mean almost any form of a recreation place where trees and shrubs form a part. One of the practical things a park man should understand is the proper use of each of the foregoing places.

Our large Chicago parks were originally intended as breathing spots, where the tired business man or city worker could relax by strolling, picnicing or driving, sit on grass or otherwise enjoy and rest himself in a quiet way, and very little attention was given to space for such games as tennis, baseball, golf, etc. As the city continues to grow the demand for space in our parks for these games is continually increasing until a point has been reached where the original purpose of the park is lost track of and the large parks, such as Lincoln, Jackson, Washington, Humboldt, Garfield and Douglas are rapidly being converted into playgrounds. I believe that this is wrong and that no more space should be alloted in these parks for games for the following reasons, unless, of course, more space is provided. We have nine classes of park visitors, as I see it, as follows:

Class 1—Children, boys and girls, up to 12 or 14 years of age.

Class 2—Young men and young women, from 14 to 21 years of age, not accompanied by parents.

Class 3—Adults, couples of men and women or company.

Class 4—Adults, men, single or in groups of two or more.

Class 5—Adults, women, single or in groups of two or more.

Class 6—Family groups, man, wife and children, or picnic groups.

Class 7—Automobile drivers and those using conveyances.

Class 8—Equestrians.

Class 9—Invalids and old people.

Taking all of the foregoing classes into consideration, it is obvious that no one park, even of a very large extent, can furnish adequate accommodations for all, especially when you take into consideration the many forms of recreation usually pertinent to a large park, such as band concerts, croquet, roque, casting clubs, rowing, boat clubs, archery, bicycle races, large picnics, bathing, celebrations and many other forms of recreative events which bring together at one time large groups or crowds in addition to the visitors who are interested only in floral displays, the zoological garden and similar attractions and those who simply pass through the park on their way to and from work or for other reasons.

The main purpose of a large city park is to furnish a means of relaxation to the great mass of city toilers from the routine of city life and who find recreation in simply strolling among the trees and flowers, rest the eye on green grass, breathe the fresh air and return to the crowded homes refreshed. Since the great growth of population, and perhaps great growth of popularity of our large parks were not adequately conceived, or, for other reasons, we now find them too congested for all recreation features, it behooves us, therefore, at this time to study means by which the greatest number of people can find recreation in the limited area available. In order to do this intelligently it is necessary to draw distinct lines between play and other forms of recreation. By play I mean tennis, baseball, football or any other form of athletics wherein competition plays a part, also gymnastics of all kinds, etc., etc. For this form of play the park space is limited. By recreation I mean concerts, seeing the animals, seeing the flowers, in and out of the conservatory, picnics, boating, promenading and young couples communing with nature and planning their future.

Having made a careful analysis of the kinds of people who visit the parks and the kinds of games played and the various recreations sought, we next proceed to divide all play and forms of recreation into two classes.

These games and forms of recreation which can be best enjoyed and managed in a limited area should be confined to small parks, school buildings, field houses or vacant lots, and the other forms of recreation are those that can only be carried on in a large park. The result will show that the small parks and playground movement is of the greatest importance, because, as I said before, the areas and facilities in large parks are limited, while the field for advancement in the playground movement can go forward for many years, or as long as there is vacant property or property with old, cheap buildings that can be purchased for a reasonable price. Then, too, I believe the public school buildings should be available for many forms of recreations, such as lectures, concerts, meetings and even dances.

While I believe that our present fine field houses now operated by our park systems are none too good for the purpose, the initial expense for these buildings is enormous. If we expect to expand rapidly in the playground movement, we must save our money for the purchase of land for playground field houses and construct cheaper buildings. On the other hand, I also believe that all games and recreations in the playgrounds should be properly supervised and directed, so that children may be taught the value of correct methods and that fairness shall prevail. Without supervision, a playground will soon lose its effectiveness in the community and will be ruled by a few persons or by a gang, who will make others feel that they are unwelcome.

Time will not permit me to dwell longer on this subject. In conclusion, however, there are three points I wish to emphasize:

First—We must stop crowding our large parks with games and recreations that can better be taken care of in the small playgrounds, for the reason that if we continue the large parks will be ruined for the purpose for which they were originally intended, viz., that of furnishing rest and rural recreation for the great mass of city workers.

Second—When this point is well considered, it will readily be seen that the field of endeavor for our present needs lies in the playground movement.

Third—When the dividing line between large parks and playgrounds is closely understood, park workers and playground workers will then join hands and operate in perfect harmony.

The Late Ferdinand C. Helm.

Ferdinand C. Helm, who, with his wife, had for a number of years conducted a retail store at Courtlandt avenue and 155th street, Bronx borough, New York, died May 27, of blood poisoning. He was born in New York of German descent. He was a member of the Jr. O. N. A. M. He is survived by a widow, two daughters and one son. He was 48 years old.

A. F. F.

GRAND RAPIDS, MICH.—A flower shop has been opened by Albert Natte at 414 Leonard street, N. W.

OSBORNE, KAN.—A movement has been inaugurated toward establishing a park in the court house square.

DETROIT, MICH.—The Memorial day trade in this city was hardly up to expectations, due no doubt to the unfavorable weather.

NIAGARA FALLS, N. Y.—The Niagara Greenhouses have been purchased by C. E. Harris and A. M. Lever of this city, who will hereafter conduct the business.

OSKALOOSA, IA.—The Kemble Floral Store, 119 High avenue east, has placed some beautiful and effective leaded art glass signs in the upper part of their show windows.

JOLIET, ILL.—A flower show under the auspices of a bank is an innovation, but the exhibition held in the room of the First National bank was a complete success. Four silver cups were awarded.

SAN FRANCISCO, CALIF.—The Luther Burbank Co. will celebrate the fortieth anniversary of Luther Burbank's coming to California, June 5, at the Palace of Horticulture, on the exposition grounds. Mr. Burbank will attend in person.

FT. WORTH, TEX.—A modern house, 40x300 feet, will be added to the range of J. E. McAdam.—N. Nielsen, who has been conected with the florist trade here, will establish himself in business as a florist, nurseryman and landscape architect.

DALLAS, TEX.—The greenhouses of the Lang Floral & Nursery Co. and the Texas Seed & Floral Co., were among those most seriously damaged in a heavy hail storm, May 20, the latter firm losing 50 per cent of its glass. The damage at other ranges was slight.—Florists report business better than a year ago, though money is scarce.

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From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

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We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
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ARAUCARIAS, high grade stock, are said to be in strong demand this season at good prices.

CHICAGO.—Directors of the South Side small parks have been organizing their neighborhoods, and endeavoring to establish a working plan to get local participation in community service.

IOWA now imitates California's Orange day by setting apart Onion day. While not quite so romantic as the golden globes glowing on the green trees, the onion is right there when it comes to steak and—. And didn't Stevenson call it the "rose among roots," to say nothing of the "poetic soul of the capacious salad bowl?"

Glass Market Steady.

The glass market is steady with no prospects for any change in prices. Trade has been rather quiet so far this season, for the growers are not carrying as large a surplus on hand as in former years, but at that the jobbers have only a normal supply in stock.

Tacoma Rose Society.

The annual exhibition of the Tacoma Rose Society will be held in that city June 4-5, and gives promise of being one of the most successful events of its kind ever held in that city. All residents of Tacoma and suburbs, excepting professional rose growers may enter the competition and the contributions of roses will be greater this year than ever before. Cups and special awards will be made in eight divisions.

S. L. H.

Utica Park System.

This city, with a population of about 80,000, has 637 acres of public parks and over four miles of boulevard, the park commission having under its jurisdiction two public bathhouses, four city playgrounds, four park play fields, twelve municipal tennis courts, thirty horse, man and park fountains. and a large deer park, and is at present acquiring land for another half-mile of boulevard. Practically the entire park system was donated to the city by the Hon. Thomas R. Proctor, for whom one park is named, and who is at present completing the construction of a large, new park, named Frederick T. Proctor park for his brother. This park is extremely beautiful and remarkable for water effects, evergreens, shale cliffs, open meadows and scenic perspectives. Thomas R. Proctor, although controlling this park himself, has thrown it open to the public.

F. E. Thomas, chairman; Tom W. Johnson, W. C. J. Doolittle, E. B. Townsend, secretary, and Edward M. Swiggett, superintendent, comprise the park commission. S.

Tree Crickets of Garden and Orchard.

Few persons have seen many tree crickets and fewer still realize that there are several species of these interesting little songsters of the night, that they may be both helpful and harmful to fruit-growers, and that they have some most interesting structural peculiarities and habits, unlike those of any other group of insects. Of these crickets there are three species worthy of some attention from orchardists and gardeners, but only one that causes serious harm directly by its own work. The other two may even be quite useful at times, and have usually been placed in the category of beneficial insects, as they often feed upon San Jose scale and other small insects that are distinct menaces to fruit interests. But it is now known that all these species may transport the spores of the fungi that cause certain plant diseases, and that they sometimes deposit these spores where the resultant fungus growth produces cankers and dead areas in bark and wood.

Tree crickets belong to the group of straight-winged insects, which includes our common grasshoppers, locusts, katydids and black crickets; but they are smaller, slenderer insects than any of these, and are of a delicate, light yellowish-green color which makes them quite inconspicuous among the foliage of the plants on which they live. Indeed, during the daytime in bright weather, to see them at all, in their five immature stages, it is usually necessary to search very carefully for the very long, slender, forward-stretched antennæ, which the insect extends from within or below some curled leaf.

Bulletin No. 388, under date of May, 1914, treating on the history and economic importance of tree crickets, will be mailed upon request to those interested in the subject by the New York Agricultural Experiment Station, Geneva, N. Y.

Earliest Forcing of Hyacinths.

Efforts have been made during the past five years to discover a method of preparing hyacinth and tulip bulbs for satisfactory Christmas flowering, and the Netherlands Bulb Society has held Christmas exhibits for four successive years to show the results. The exhibit of 1914 showed great progress over former years, many early hyacinths and tulips being shown in splendid blooms. The modes of preparation vary with the varieties, but in general seem to consist in early digging, rapid, artificial curing and chilling, followed by potting, at latest by September 1.

Only a limited number of varieties have given these good results. The best white was Aventino Arendsen, with l'Innocence, Hein Roozen, La Grandesse and Christmas White; of the carmines, General Pelissier, Garibaldi and Mrs. Stanley; rose, Charles Dickens, Lady Derby, Victor Emanuel, Nimrod, Maria Cornelia; blue, Bismarck, Grand Lilas, Schotel and Captain Boynton, with William I, a very fine dark blue. Yellow Hammer and Ida were the best yellows, and Distinction, a unique reddish purple, gave fine blooms. Tulips were as numerous as hyacinths. Aside from the well-known Duc van Thol and Proserpine, the following sorts gave with this special bulb preparation, perfect flowers, December 23:

Thos. Moore, orange; Mrs. Elwes, violet red, bordered rose; King of the Yellows and Mon Tresor, yellow; Van Schalken, orange scarlet; Le Matelas, carmine rose; Vesuvius and Rembrandt, deep red; Brilliant Star, scarlet; Lady Boreil, white, and the double sorts, Toreador, Couronne d'Or and Salvator Rosa.—Revue Horticole.

Year Book of Agriculture.

We have received the year book of the department of agriculture, Washington, D. C., for 1914, containing 715 pages with many illustrations. The contents cover a great variety of topics useful to agriculturists, including the following which may interest some of our readers: "Story of the Thermometer and Its Uses in Agriculture," by Alfred H. Thiessen; "Movement from City and Town to Farms," by George K. Holmes; "The Preparation of Fertilizer from Municipal Waste," by J. W. Turrentine; "Nematodes and Their Relationships," by N. A. Cobb.

Florist Opportunity in Huntington, W. Va.

According to a communication received from C. A. Peters, the only florist with greenhouses in Huntington, W. Va., a city of 50,000 population, and the center of a territory having a population of between 200,000 and 300,000, there is a good opportunity for at least one or two more florists. Mr. Peters writes: "I will be glad to help any good florist locate here in the near future."

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—German, 28 years of age, with 15 years' experience, wants private or commercial place, single, good references. Address
K. 10616 Indiana Ave., Chicago, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—By young man, first-class designer, decorator and storeman of ability. 12 years' experience. A 1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower, principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish, American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—Saleslady and designer for Chicago loop store. Address
Key 521, care American Florist.

Help Wanted—A grower with commercial experience, married man, small family. Salary $700.00 to $800.00 per year and quarters.
A. T. ERWIN, Iowa State College, Ames, Ia.

Help Wanted—Two single young men to grow chrysanthemums and other pot plants. Must understand the business thoroughly, and take charge. State salary and experience.
METAIRIE RIDGE NURSERY CO. LTD.,
New Orleans, La.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

For Sale—Heating plant and glass for small greenhouse. M. E. TRIMBLE, Warren, Pa.

For Sale—Greenhouse and store; established cash trade. 50x125 ft. of ground. Address
J. NELSON, 1749 Huron st.

For Sale—Glass: 250 boxes 16x18 D. S. A., $3.00 per box, f. o. b. North Milwaukee.
N. ZWEIFEL, North Milwaukee, Wis.

For Sale—Good as new panel top Overland delivery car. $500.00 cash. Big bargain. Write quick. Guaranteed.
Key 512, care American Florist.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale or Trade—Flower store for sale, or trade for lots or greenhouses; five living rooms in rear of this store; large barn and yard; rent, $35 a month; good location. Lots or greenhouses must be near Chicago.
Key 522, care American Florist.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Rent—From July 1st. Greenhouses—plant consisting of 10,000 square feet; hot water bar, cottage, work room sixty by twenty. Houses well stocked and in first class condition; with good retail trade. Town of 35,000. Place in city on paved street; all improvements. Reason for renting: owner retiring. Apply
GEORGE H. BOND,
New Brunswick, N. J.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober.
Key 510, care American Florist.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address
Key 496, care American Florist.

Wanted to Lease—After June 1st, by experienced business man with capital, retail greenhouses in good condition, with privilege to buy; state full particulars. Box 136 Newmarket, N. J.

Wanted to Rent—Greenhouse; no stock; 20 or 30 feet wide by 100 feet long; state particulars: New Jersey, New York State or Connecticut preferred. Address
Key 515, care American Florist.

WANTED BUYER

For bankrupt florist's plant, including real estate suited to business; likely sell cheap. Fine chance. Must act quickly.

Alfred McCray, Trustee in Bankruptcy.
Dayton, Ohio.

Growers Read This

Advertiser wants to buy or rent a large range of greenhouses within a reasonable shipping distance of Chicago. Don't write unless you want to talk turkey right away. Curiosity seekers need not answer. Address
Key 516, Care American Florist.

FOR SALE

A range of 25,000 square feet of glass with 3 acres of land. Modern 7-room dwelling, well furnished. Greenhouses well stocked. An established local trade. Reason for selling, ill health of the head of the firm. For terms and further particulars, call or write.

JOHN M. HUNTER & SON, Englewood, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

PRESENT DEMAND

IS FOR

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

ADVERTISE THEM NOW

The Season is Short

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

POEHLMAN

72-74 E. Randolph St.,

JUNE WEDDINGS--COMMENCEMENTS

BEAUTIES-VALLEY-ORCHIDS-GARDENIAS-RUSSELL

CURRENT PRICE LIST. In effect June 7.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$3.00
36 inches long	2.50
30 inches long	2.00
20 to 24 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

	Per 100		
OPHELIA	$4.00 to	$6.00 to	$10.00
HADLEY	4.00 to	6.00 to	10.00
SHAWYER	4.00 to	6.00 to	10.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100		
Extra long			$10.00
Long			8.00
Medium	$5.00 to		6.00
Short	3.00 to		4.00

Extra special roses charged accordingly.

KILLARNEY, WHITE KILLARNEY, WARD.

	Per 100		
Extra long			$10.00
Long			8.00
Medium	5.00 to		6.00
Short	3.00 to		4.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 2.50
30 inches long	2 00
24 inches long	1.50
18 to 20 inches long	1.00

Short.....per 100, $4.00, $6.00

CECILE BRUNNER or SWEETHEART ROSE
Per 100.....$2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

CARNATIONS, fancy, per 100, $4.00
Medium..... " 3.00

GARDENIAS.....per doz., $2.00 to $3.00

CATTLEYAS.....per doz., 4.00 to 5.00

LILY OF THE VALLEY.

	Per 100
Extra fancy	$4.00
First quality	3.00
Second quality	2.00

PEONIES

	Per 100		
Fancy pink and white			$8
Medium			6
Small	$3.00 to		4

MISCELLANEOUS CUT FLOWERS.

Sweet peas (common)	$0.75 to		$ 1
Sweet peas (Spencer)			1
Lilies	8.00 to		10
Daisies	1.00 to		2
Mignonette	4.00 to		6
Pansies.....per doz. bunches	1.00 to		

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$ 6
Smilax,.....doz. $2.50	
Sprengeri and Asparagus Sprays	$2.00 to
Asparagus Plumosus, per string, 60c	
Adiantum	1.00 to
Galax (bronze).....per 1,000	$
" (green).....per 1000,	
Ferns, new crop.....per 1,000	
Boxwood, per lb., $0.35.....per case,	

Everything you need in

Florists' Supplies

French Baskets

Finished in all the colors desired. Order a few today.

24 inches high	$0.60 each
26 " "	.75 "
30 " "	1.00 "

No. 2 Gauze for Shower Bouquets.

10 yards.....per bolt,

RIBBONS-To Match all Roses, Orchids, Etc.

SILK TAFFETA.

No. 501

4-in., -	per bolt, $1.67
5-in., -	" " 1.98

SATIN TAFFETA.

Morton.

No. 16 -	per bolt, $1.00	No. 60 -	per bolt, $1
No. 22 -	" 1.15	No. 80 -	" 1
No. 40 -	" 1.35	No. 120 -	" 2

Pearl Headed Corsage Pins

$1.00 Per Gross.

N BROS. CO.

g Distance Phone, Randolph 35. **CHICAGO, ILL.**

Bedding Plants.

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
intheras, red and yellow, and **llantissima**	$ 2.50	$23.00
m, Sweet, 2¼ in.	2.50	20.00
um, Blue Dwarf, 2¼ in.	2.50	
" " 3 in.	5.00	
" " 4in.	8.00	
as, Luminosa and Vernon for ding, 2¼ in.	2.50	
	5.00	
	8.00	
a, Chatelaine, 2¼ in.	3.50	
	8.00	
	15.00	
Scandens, 4 in., 1.50 per doz.		
in variety, 2¼ in.	2.50	
	5.00	
ums, Fancy Leaved (Summer very) 5 and 6 in. pots, 50c to 0 each.		
Miller, for border, 2¼ in.	2.50	23.00
na Indivisa, strong, 3 in.	7.00	
	12.00	
	20.00	
eraniums, strong, 3 in.	5.00	
	8.00	
alleroi Geraniums, 2¼ in.	3.00	
	5.00	
Ivy, 2½ in.	3.00	
	15.00	
Ivy, strong 5 in......$20.00 to	35.00	
is, for Bedding & Hang. Baskets. **s,** Speciosa, Crystal Palace and lding Queen, 2¼ in.	2.50	22.00

	100	1000
Lobelia, Cathleen Mallard (double)	$ 3.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom. If wanted in baskets an additional price will be charged to cover cost of same.	2.50	$25.00
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in.	3.00	
3 in.	5.00	
Phlox Drummondi, all colors, 2¼ in.	2.50	23.00
3 in.	5.00	45.00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Smilax, strong new stock, 2¼ in.	2.50	23.00
3 in.	6.00	50.00
Torenia Fourneri. Blue, 2½ in.	2.50	
3 in.	5.00	
Vinca Rosea and **Alba,** 2¼ in.	2.50	
Vinca, variegated and green for boxes and vases, 2¼ in.	2.50	23.00
4 in......$12.00 to	15.00	
Verbenas, all colors, 2¼ in.	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets, 2¼ in.	2.50	

Hanging Baskets planted with: **Sprengeri, Boston** and **Vincas.**
Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.
Crotons, 3 in. at 25c each. 4 in. at 50c each. **5 in. at** 50c to 75c each.
Pandanus Veitchi, highly colored, 6 in., $1.25 to $1.50 each. 7 in., $2.00 to $2.50 each.
Boston, Whitmani and Roosevelt Ferns, 7 in. pots, 75c each. 8 in. pots, $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.
Araucarias, Robusta Compacta, large plants, $2.50 each.
Crotons, well colored in all varieties, extra fine, 50c to 75c each.
English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.
Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

	per 100	per 1000
Asparagus Plumosus, 2¼ in.	$ 3.50	$30.00
3 in.	7.00	65.00
4 in.	12.00	115.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

ern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

ed, 2½-in.	Pe 1000	Per 5000
	$120 00	$550 00
Brunner	100 00	......

or 3½-inch grafted plants add $40.00 per 1000 to prices quoted above.

Own Root, 2¼-in.	Per 1000	Per 5000
Milady	$60 00	$275 00
Hadley	70 00	300 00
Prince d'Arenberg	60 00	275 00

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS.

eadquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

he Two Best Varieties Ever Offered.

	Per 100	Per 1000
larvella French, late white	$8 00	$70 00
auline Anderson, late yellow	8 00	70 00

these varieties scored 94° points by judges Chrysanthemum Society of America, at , and both scored 95 points by the judges Minnesota State Florists' Association, at polis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

SPECIAL NOTICE TO CUSTOMERS: You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Yellow Roses.

We Are Headquarters for Yellow Roses.

EXCEPTIONALLY LARGE CROP OF YELLOW ROSES. PLENTY FOR EVERYONE. ORDERS SOLICITED.

Current Price List

American Beauties	Per doz.
Specials, extra long stems	$3.00 to 4.00
Extra long stems, seconds	1.50
36 in. stems	2.50
24 in. stems	2.00
12-18 in. stems, New Beauties	1.00 to 1.50

Russell.	Per doz.
Extra long	$1.50
Good medium	$0.75 to 1.00
Short	.50 to .60

Ophelia, Rhea Reid, Bulgarie and Shawyer.	Per 100
Extra long	$8.00 to $10.00
Medium	6.00
Short	4.00

Cecile Brunner.....per bunch, 35c

White and Pink Killarney and Richmond.	Per 100
Long	$8.00
Medium	6.00
Short	$3.00 to 4.00

Yellow Roses, Hillingdon and Sunburst.	
Long	$10.00
Medium	$6.00 to 8.00
Short	4.00 to 5.00

Carnations.	Per 100
Red, White and Pink, extra fancy	$3.00
LILY OF THE VALLEY	$4.00
ASPARAGUS SPRAYS and **SPRENGERI**	3.00
FERNS, new Wisconsin. ..1000, $2.00 to $2.50	
ADIANTUM	1.00
GALAX, bronze and green .... per 1000, $1.00	

ROSES in lots of 500 or more at the rate of $25.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

Peonies and Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

HEAVY DEMAND FOR MEMORIAL DAY.

The demand for stock for Memorial day was very heavy this year and stock of all kinds cleaned up completely as the writer predicted it would in his market report three weeks ago. Stock was not as plentiful as in former years, but the quality was fine and prices were much better. Carnations were in best demand and it was impossible to fill anywhere near the orders that were received and orders for several hundred thousands were refused early last week. Most of the carnations sold at prices ranging from $4 to $6 per 100 and in some instances more but the majority of the dealers were satisfied to dispose of what stock they had to offer at these figures. Roses sold well and cleaned up quickly at good prices, especially Richmond, Milady and Rhea Reid. Mrs. Chas. Russell roses were in good demand also, and while American Beauty roses sold well they did not bring the prices that they should, considering the scarcity of other stock and the splendid quality of the flowers that were offered. Peonies sold well and the quality of the stock offered was fine compared to last year and all the available stock was cleaned up at very satisfactory figures. Very few home grown peonies were offered this year and the supply of Cape Jasmine was small and what stock did arrive cleaned up almost as quickly as the shipments were unpacked. Sweet peas were in fair demand and cleaned up quite well at good prices. Gladioli were in good supply but sold quickly. The supply of Double White narcisus was not as large as in former years and what stock was offered brought very good prices. Miscellaneous stock cleaned up nicely and taken all in all, everything was in short supply and sold at very satisfactory figures. The weather was anything but favorable for growing conditions and all records for May rainfall in this city since 1883 were broken when the total for the present month was almost up to that of that year. Previous to this month, the four wettest Mays in the history of the local bureau which was established in 1870, were: May, 1873, 7.20 inches; May, 1883, 7.32 inches; May, 1892, 6.77 inches and May, 1908, 6.74 inches. Considering the unfavorable weather and the prices realized on the stock offered, the wholesale florists have no reason to complain of the Memorial day business, although most of them regretted the fact that they were obliged to refuse so many orders, they are all pretty well satisfied with the outcome.

Home-Grown Peonies

Sweet Peas - Roses - Carnations - Lilies
Candytuft - Yellow Daisies
Greens of all kinds.

O. A. TONNER,
30 East Randolph St., CHICAGO.

NOTES.

The last issue of the Riverview Park News says that L. Hoeckner, who has had the flower ball game since Hector was a pup, is still at the corner with his two speedy workers, R. Trost and F. Krietzman. "Stogie" is employed at Peter Reinberg's wholesale store and works nights at Riverview Park so he can get enough coin to build a couple more greenhouses on his farm at Crystal Lake.

The Chicago Florists' Club will meet at the Hotel Bismarck, Thursday, June 10, at 8 p. m.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

YELLOW ROSES

Large supply of Fancy Sunburst Roses for June Weddings and School Closings.

Also choice American Beauty, Mrs. Chas. Russell, Ophelia, Killarney, White Killarney, Milady and Richmond. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower. **Current Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Per 100
Extra select	$8 00
Select	6 00
Medium	5 00
Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**
Carnations, select	5 00
Carnations	$3.00 to 4.00
Harrisii	12 50 to 15 00
Peonies	6 00 to 8 00
Valley	3 00 to 4 00
Sweet Peas	75 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 50
	40

2,000,000 Feet of Modern Glass

Bassett & Washburn had a fine Memorial day trade, which was the best that the firm has experienced for many years. The receipts of Mrs. Chas. Russell and Ophelia roses are very heavy this week and the same holds good for yellow roses, which are now in full crop. Carnations were never in better demand than they were this year, and it was pleasing to note that many of the orders called for the new variety Belle Washburn, which is making such a big hit.

Peter Reinberg had a much better Memorial day trade than he did last year, according to Felix Reichling, who is in charge at the store. Everything in both roses and carnations cleaned up completely and the sales on Sunday, June 30, were better than they were any other day during the entire week. Yellow roses are seen in good supply at this store now, but are cleaning up splendidly each day.

Percy Jones had a very satisfactory Memorial day trade and cleaned up completely in all lines of stock at an early hour. The out-of-town demand was never better, and taken all in all, Manager Van Gelder is more than satisfied with the week's business. This firm is filling a large number of orders for ferns this week at very attractive prices.

Tom Sullivan, of the Woodlawn Floral Shop, 871 East Sixty-third street, escorted a very pretty young lady from South Haven, Mich., through the market one day this week, who it is understood is to change her name from Valentine to Sullivan in the near future. Oh, you wedding bells.

A. T. Pyfer & Co. received several shipments of America gladioli from Texas last week that arrived in good condition considering the distant point that they were shipped from and came in handy for Memorial day during the scarcity of other stock.

THE OPEN DOOR TO GREATER PROFITS

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS

50 East Randolph Street

CHICAGO

THE OPEN DOOR TO GREATER PROFITS

TREMENDOUS SUPPLY

Seasonable

CUT FLOWERS

—FOR—

JUNE WEDDINGS

—AND—

SCHOOL CLOSINGS

THE OPEN DOOR TO GREATER PROFITS

THE OPEN DOOR TO GREATER PROFITS

Philip Schupp was well pleased with the Memorial day business at J. A. Budlong's store. It was one of the best that has ever been experienced. Lily of the valley is in good supply at this store this week.

Hoerber Bros. are receiving regular shipments of Ophelia roses, which they are growing quite heavily at their Des Plaines greenhouses and which are in good demand at their wholesale store.

John S. Parrish, representing the Richmond Cedar Works, manufacturers of woodware, Richmond, Va., is calling on the trade here this week.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

LARGE CROPS

BEAUTIES--ROSES--CARNATIONS

For June Weddings---School Closings

Place your orders with us and get the best stock in this market at the most reasonable prices.

CURRENT PRICE LIST.

American Beauties	Per Doz.
36-in. stems	$4.00
30-in. stems	3.00
24-in. stems	2.50
18-in. stems	2.00
12-in. stems	1.00

Pink and White Killarney	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Richmond	Per 100
Extra special	$8.00
Select	7.00
Fancy	6.00
Medium	5.00
Short	4.00

Sunburst	Per 100
Extra Special	$8.00
Selects	7.00
Fancy	6.00
Medium	5.00
Short	4.00
Roses, our selection	**3.00**

Carnations	Per 100
Fancy	$3.00

Lilies, Fancy— Per 100, $12.50 to $15.00

Peonies Per 100, 4.00 to 8.00

	Per 1000
FERNS	$3.50 to $4.00
SMILAX	doz., $2.50
ADIANTUM	1.00

SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c

Poehlmann Bros. Co. is in nice crop with orchids and gardenias and some very fancy stock in both lines are obtainable at the store this week. The supply of roses is quite large now, with fancy Mrs. Chas. Russell the principal offering. The demand for supplies for weddings and commencements is very good this week, especially for baskets, ribbons and chiffons. John Enders' son Clarence is helping out in the office during the summer months and likes his new job first rate. The Memorial day trade was heavy at this store this year and stock in all lines cleaned up at an early hour at high prices.

N. J. Wietor says that Wietor Bros. are all through with their rose planting, the last of the stock being set out this week This firm had a large supply of both roses and carnations for Memorial day, but everything cleaned up nicely at an early hour, and the sales during the week were considerably larger than last year. A nice supply of Sunburst roses of fine quality are now reaching the store and are in good demand for wedding work.

A. L. Vaughan & Co. are receiving a large supply of American Beauty roses and peonies now, but are cleaning up nicely at good prices this week. The Memorial day trade was very good at this store with both the local and out-of-town exceedingly heavy. Peter Hoefelder was in the market buying, nearly every day, but at that the demand was so heavy it was impossible to fill all the orders.

The Batavia Greenhouse Co. is the only wholesale firm in the city that handles myrtle regularly. O. Johnson, who is in charge at the store, says that about 2,000 plants all told are grown and that the cuts clean up nicely right along, but that it took nearly two years to establish any kind of a trade for it.

George Reinberg cut his first lot of Ophelia roses this week, according to Robert Northam, who so successfully manages his wholesale store. Bob says that American Beauty roses are a thing of the past as far as the George Reinberg establishment is concerned, for this variety has been discarded entirely.

Fred. Ronsley, the Westminster building florist, has had a good demand this season for small boxwood bushes and rubber plants. He bought a good supply of both for display purposes, but they sold so quickly that he bought a larger stock and since then his sales have increased considerably.

Zech & Mann are handling large quantities of greenhouse grown gladioli in all the leading varieties, in addition to their regular line of stock. The Memorial day trade at this store was fine and all the regular customers were well taken care of, even though stock was scarce.

The Chicago Flower Growers' Association is showing a good supply of orchids and peonies and report a brisk demand for same. Roses are in good supply at this store now and the shipments include nearly all the newer varieties as well as all the old favorites.

Frank Otto, who recently sold his place at Winnetka to Alexander Clifford, is helping out his successor during the busy period. He is in the best of health and likes to visit the market occasionally, where he has a large number of friends.

Wm. F. Schofield, the North State street florist, had several large orders for the Collins funeral held last week. The window display that this firm made recently was a pretty one and very appropriate for Memorial day.

Zalinger & Hirsch, who operate the stand in the rotunda of the Insurance Exchange building, had a large amount of work for the Schroyer funeral held May 27, the orders consisting of a dozen large pieces.

USE Budlong's Blue Ribbon Valley.

H. E. Philpott, of Winnipeg, Can., is here to attend the monthly meeting of the stockholders of A. T. Pyfer & Co., of which he is president, and will likely remain until after the next club meeting. June 10

Erne & Klingel never had a better Memorial day trade than they did this year, which is probably the reason why Charlie and Freddie are happier than usual these days.

I. Rosnosky, with Henry F. Michell Co., Philadelphia, Pa., visited the French & Salm greenhouses at Union Grove, Wis., before returning home this week.

The Hughes Plant Co., 4630 Washington boulevard, will add four more plant houses 30x140 feet to the one that was recently built.

George Holdroph, formerly in the employ of one of the local wholesale houses, is now with George Wagner, 3116 Indiana avenue.

Chas. W. McKellar had several large shipments of Cape Jasmine for Memorial day, which cleaned up as fast as they were unpacked.

E. J. Delaney, of Albany, N. Y. has joined the force at Sinner Bros' wholesale store.

J. E. Quallich, formerly of Cleveland, O., is now doing the buying in the local wholesale market for the A. L. Randall Co.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

You can rest assured that you will get the Finest stock obtainable at the most reasonable pricesif you buy your Peonies, Roses, Carnations, Sweet Peas, Gladioli, etc., from us. Plenty for Everybody.

Oswald Uhlig, an old-time private gardener, died of heart failure. His last position was with Mrs. Rieck, Glen Ellyn. Previously, he had been gardener to the Chicago & Northwestern Railway and on the Clem Studebaker estate, South Bend, Ind.

George Wienhoeber has been very busy with funeral work the past week and reports business as good. A large decoration at the Chicago Beach hotel called for a large supply of stocks and helped to increase the sales considerably.

Mr. and Mrs. J. Blumenfeld, 782 Cramer street. Milwaukee, Wis., announce the engagement of their daughter Evelyn to William Lubliner, the South Wabash avenue florist.

Several of the local dealers are receiving regular shipments from a new crop of Wisconsin ferns. which accounts for the reduction in prices this week.

Vaughan's Seed Store report their extensive shipment of bay trees on the ocean and due in New York next week.

Joseph Ziska & Sons are busy as bees in their wire department and rapidly outgrowing their present quarters.

John Kruchten & Co. are handling large quantities of American Beauty and Mrs. Chas. Russell roses.

Visitors: J. Boelter. of Boelter & Quehlke, Appleton, Wis.; Samuel Seligman, representing Wertheimer Bros., New York; Edw. Amerpohl, of the Janesville Floral Co., Janesville, Wis.; Mrs. R. E. Miller, Racine, Wis.; F. E. Bonham, Macomb.; T. D. Long, Denver, Colo.

Cleveland.

MEMORIAL DAY STOCK CLEANS UP.

Memorial day, being on Sunday this year, gave the florists three days in which to sell flowers for Memorial day business, and they were three rattling good days, to say the least. Peonies, of course were most in demand, and next came the old standbys, carnations. The peonies, outside of a few early red, were all shipped stock on this market, Cincinnati, Philadelphia, Chicago, and Baltimore shipping here in quantity, and every salable flower was cleaned up before the rush was over. Carnations, of which there was a good supply, also cleaned up entirely. The demand for other stock was also very good. Baby gladioli, America gladioli, Shasta daisies, sweet peas, lily of the valley and swainsona were in good demand throughout the week. Easter lilies sold well, and were quite plentiful. Callas are about over with. Candytuft and Double White poeticus narcissi had an exceptional run, their cheapness making them a big factor in bouquet work and funeral designs. The shipping demand was very heavy, due to the late season for out-door flowers. Frosts and very sharp cold winds and little sunshine were features of the weather the past week. Out-door lockspur, field daisies and blue iris will be part of the daily stock now. Roses too met with a good demand, particularly in the shorter grades. American Beauties of exceptional quality are meeting with a good call. Boxwood was used quite freely for wreaths. Fancy fern and Southern dagger and adiantum fern are plentiful, as is Asparagus Sprengeri and plumosus. Commencements which take place here in about two weeks are the next big days for florists outside of June weddings, for which several large decorations are already booked, and the month of June promises well.

C. F. B.

ORCHIDS

GOOD SUPPLY

Supreme Quality Cattleyas

for June Weddings. Also a magnificent supply of Beauties, Roses, Peonies and Carnations for Commencements and other occasions. Play safe—75 expert growers enable us to take the best care of your order here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. **Chicago**

May Rainfall in Chicago.

The month of May this year in Chicago has been slightly below normal in temperature and it has been one of the wettest months since August, 1909. The rainfall in Chicago May 27 was 1.27 inches, reducing the shortage for 1915 to less than one inch. A month ago it was between four and five inches short of normal for the period since Jan. 1. It has rained this month twenty-one out of twenty-eight days—some days a slight sprinkle, but on one day 1.71 inches of rainfall. A remarkable vagary of the month was that between the 13th and the 21st, inclusive, it rained every day. The rainfall of May 27 raised the total precipitation for the month so far to slightly in excess of six inches. This is the heaviest rainfall in any May since 1908 as shown by the records of the weather bureau. May in that year recorded a rainfall of 6.74 inches. The forecaster announced cheerfully the present rain period is about over.

FLORISTS' REFRIGERATORS—CATALOG FREE
BUCHBINDER BROS.,
518 Milwaukee Ave., Dept. F, CHICAGO

Cincinnati.

SUBSTANTIAL MEMORIAL DAY DEMAND.

Memorial day business was quite satisfactory. It extended over three days, from Saturday through Monday, and kept most every one connected with the business busy during that time. There was no absolute clearance of stock, but it was a very substantial one, and the amount of stock on hand at the close of Monday's business was not very large. Roses, including all seasonable colors and varieties, are fairly plentiful and meet with a steady call. American Beauties are also included in this list. The shorter grades sell better than the longer ones. The lily supply is very heavy. Offerings in good carnations are rather limited. The list of other stock offered in the market includes sweet peas, lily of the valley, orchids, jasmines, which are very plentiful and backing up; delphinums, nymphæas and corn flowers.

NOTES.

P. J. Olinger has been cutting some very fine Russell, Ward and Richmond roses.

C. E. Critchell was the first in the market to offer nymphæas this season.

Thos. Windram left for Leesburg, Fla., June 1.

Visitors: I. Bayersdorfer, of H. Bayersdorfer & Co., Philadelphia, Pa.; W. W. Stableton, Manchester, O., and Wm. Lewis, Knoxville, Tenn. H.

Kansas City.

HEAVY RAINS HURT SHIPPING TRADE.

The week preceding Memorial day was a record breaker for rainy weather, the heaviest downfall in years being experienced, and naturally trade suffered from the unfavorable conditions. Delivery of out-of-town orders was uncertain, especially May 28, westbound trains not running on time, being from four to eight hours late, and the day following, Saturday, trains going east of this city were not able to leave on account of washouts. Outdoor stock, especially peonies, suffered damage from rain, hail and wind, but the supply was ample for all demands, with peonies, roses and carnations taking the lead at prices varying from $1 to $3 per dozen. Pot plants were in great demand, and the call for magnolia and other wreaths was greater than a year ago. Greenhouses here are as a rule empty after May 30, but with cool weather and excessive rainfall during May, nearly all of the local growers find themselves with plenty of stock on hand.

NOTES.

Samuel Murray's new shop at 1017 Grand avenue is a great improvement over his former location, both in arrangement and the advantage of increased floor space. The fixtures are up-to-date and attractive, the color scheme being carried out in buff, the lower parts of the walls presenting a wainscoting effect of rough finished brick, above which an effect of rough stone is extended to the ceiling. A balcony offers excellent opportunity for the arrangement of plants and fancy baskets, while the show window with green tile floor and large mirrors at the sides is splendid for display. Four domes in the ceiling with electrical effects also give opportunity for artistic display of plants. A golden horseshoe from Arnold Ringier, Chicago, was in place over the doorway for the opening, June 2nd. Numerous "Good Luck" telegrams and letters were received from other trade friends in all parts of the country.

W. J. Barnes had an excellent supply of stock and did a heavy out-of-town business in addition to his local Memorial day trade. The call for wreaths was heavy at this store.

No. 121.

BRIDAL STAFF BASKETS

Made of Reed.
16 inches wide, 50 inches high.

Stained
$2.25 each

Enameled
$2.50 each

Every florist should always have a few on hand, for bridal staff baskets are becoming more and more popular each year. Order a few today.

RAEDLEIN BASKET CO.

To reach our store take a Chicago Avenue Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

713 Milwaukee Ave., Chicago

Arthur Newell had a big demand for peonies and carnations for Memorial day. A large number of wreaths were also sent out from this establishment.

Memorial day sales this year exceeded those of last year at the store of T. J. Noll & Co. The shipping trade was surprisingly heavy and they cleaned up early in everything.

Peonies, roses and carnations, were in large supply at Henry Kussick & Co.'s store, but sold out completely. Shipping trade was also excellent.

The Christ & Moore Floral Co. has been busy with funeral work, which, in addition to good business generally, keeps the force busy.

W. L. Rock Flower Co. enjoyed a Memorial day trade that exceeded all expectations, especially in out-of-town shipments.

Alpha Floral Co. had the biggest Memorial day business in its history. Shipping trade was excellent.

Cut flowers sold out completely and plant business was satisfactory, according to J. Austin.

A. F. Barber reports business good. He had a heavy call for bouquets for Memorial day. E. J. B.

Oklahoma City.

MEMORIAL DAY SALES SHOW INCREASE.

Memorial day was observed here Monday, May 31, and the florists are all agreed that the business done was more than satisfactory, there was a greatly increased demand for designs for placing in cemetery lots, locally, and the shipping trade to outside towns throughout the state, exceeded by far the volume sent out in any previous year for Memorial day purposes. There was a plentiful supply of cut-flowers, peonies and cape jasmines were of excellent quality and sold readily, helping materially to relieve the high priced market condition of the carnations. The flower stores made excellent window displays for the occasion, but it remained for the Barteldes Seed Co. to place a real memorial window. They used stands of rifles of the 1864 type, sabres, canteens and other military accessories and in one corner of the window a marble head-stone draped with immortelles. The Stiles Co. and Furrow & Company each showed very artistic designs in magnolia leaves and flowers

LARGE SUPPLY
EXTRA FANCY BEAUTIES
CARNATIONS PEONIES
VALLEY ORCHIDS ROSES SWEET PEAS
For Weddings and Commencements.
A. L. VAUGHAN & CO.
(NOT INC.)
161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 Chicago

and no doubt the big demand experienced for designs was due directly to the efforts made by the store-people in making elaborate displays of their kind of work.

On the evening of May 22 a hail storm of short duration struck a portion of the city and some damage was done to glass. The Stiles Co.'s greenhouses had about 400 lights broken. Fortunately the hail stones were not thick in their descent, but thinly scattered. Some people claim the stones were as large as goose eggs, that is a slight exaggeration; many of them, however, were the size of an ordinary hen's egg.

Furrow & Company will erect a ten thousand dollar greenhouse here this summer. This firm has just completed harvesting a strawberry crop at their Guthrie place. They had a tract of several acres in strawberries and we are informed the yield was a record breaker and came in at a time when the market price was just right.

The Oklahoma State Florists' Society will meet Monday, June 9. Secretary Batten says there will be an interesting programme provided.

Sam Young, one of the young men employed in Stiles Co.'s store, is convalescing from an operation he underwent for appendicitis. S. S. B.

Nashville, Tenn.

FEW MEMORIAL DAY FLOWERS USED.

Oratory, music and flags, but few flowers were in evidence at the observance of Memorial day at the National cemetery near this city. This is a large cemetery, many thousands of soldiers being buried there. June 4, the graves of the Confederate dead in Mount Olivet cemetery will be decorated. There will probably be some flowers and plants used, but Memorial day brings little grist to the florists' mill in this city. Spring flowers have been in great abundance during the past few weeks, but are for the most part over. There has been the usual run of social events and business has been good. A large number of weddings, some of them elaborate affairs, are announced for the near future and will keep things going. Lilies are in great abundance and roses are fine in quality.

Harold M. Joy, son of Thomas S. Joy, of the Joy Floral Co., and himself connected with the firm, was married last week to Miss Ethel McAllister. Mr. Joy is a practical florist, having gained experience not only in the home plant, but gained additional practical experience from prominent eastern growers.

Oscar Geny, of Geny Bros., has recovered sufficiently from a serious illness to be about again in a limited way, but is fairly on the way to complete restoration to his wonted health. M. C. D.

San Francisco.

WEATHER BAD AND BUSINESS POOR.

Trade has been particularly dull during the past two weeks. This may be accounted for in part by the very unseasonable weather. It has been raining or cloudy nearly all of the time and it is only at the present writing that we are getting our normal spring weather. It has been bad on out-door flowering stock, such as roses, sweet peas, peonies, etc. The supply of indoor roses is very heavy just now, and with no demand to speak of, even for high-class stock, and prices have ruled very low. Russell, Richmond and Killarney are in heavy supply. Plenty of out-door Ulrich Brunner are coming in, but the quality is rather poor this season, owing to the rains. Cecile Brunners are plentiful and cheap. Carnations are still rather scarce, with prices firm. Orchids, principally cattleyas, are in large supply, with a fair call. Quite a few odontoglossums are also in the market. Spanish iris is about over for the season. Sweet peas, of the Spencer varieties, are arriving in very limited numbers, as they have not as yet recovered from the recent wind storms. There are plenty of grandifloras. The writer has noticed quite a few dahlias at different nurseries, but as yet none are coming into this market. Nearly all out-door flowering shrubs are out of bloom and very few are to be seen in the stores. There are some splendidly grown pot roses being shown by the prominent stores; also rhododendrons and spireas. This stock moves along steadily. Orchids in pots are also featured with a few of the leading retailers. Large decorations have been very few lately.

NOTES.

Our prominent chrysanthemum growers have about completed their plantings for this season. There is probably about the same amount planted this season as last. Many of the growers are growing all the novelties in preparation for the many chrysanthemum shows which are to be held this fall. The presence of Chas. H. Totty of Madison, N. J., has also stimulated interest in this popular flower. Mr. Totty has been visiting as many of the 'mum growers as his limited time will allow, and declares himself well pleased with what he has seen.

The planting of the convention garden is progressing rapidly, now that good weather has set in. Nearly all of the prominent nurserymen and seed houses on the coast will be represented by excellent displays. Nearly all of the available space has been applied for and those in the trade who contemplate making a display are requested to make application for space at the earliest possible moment. The trade in this city and vicinity is planning to make this garden display a memorable one, so hurry along your applications.

A small blaze was discovered recently in the boiler room of E. W. McLellan Co.'s greenhouses at Burlin-

The Chrysanthemum Manual
By Elmer D. Smith.

NEW AND REVISED EDITION.
Price 50 Cents. Cash With Order.
AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

Specials For June Weddings

High Grade Valley and Sweet Peas

BESIDES ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

game, Calif. The fire was extinguished before it had made much headway. The loss is estimated at $100. This firm is shipping enormous quantities of roses to their wholesale store in this city daily. They have a splendid cut of Mrs. Chas. Russell just now. This variety is a great favorite with this firm and they are preparing to increase their planting of it very considerably another season.

Carl Purdy of Ukiah, Calif., the well-known collector of California native plants and bulbs, had charge of the floral decorations June 25 at the exposition grounds. Luther Burbank is to be honored by the exposition management by having one day set aside to be known as Luther Burbank day. June 6 has been selected as the date on which this will occur.

Podesta & Baldocchi have been making grand displays of Rose Irish Elegance in their store of late and the prominence they have given this rose is being felt in the continual call for this beautiful variety. The J. B. Boland Co., on Kearny street, have been showing some grand gladioli, especially America. They report having a steady call for this variety.

Leo V. Belden, secretary and treasurer of the Luther Burbank Co., has severed his connection with that firm to engage in other business in this city. Mr. Belden has many friends among the trade, who wish him every success in his new venture.

Nels Peterson, of the Peninsula Nursery, has started to replant all his carnation houses. This grower always believes in early planting and is recognized as one of the most successful growers in this vicinity.

The Pierson U-Bar Co. of New York has the contract to erect a large conservatory on the Frederick W. Sharon estate at Menlo Park. Mr. Sharon is planning to greatly increase his glass in the near future. G. N.

Pittsburgh.

SHORT PEONY CROP DISAPPOINTS.

The Memorial day rush is over, but we are sorry to say, it was a bad disappointment to all concerned in the way of peonies. There was plenty of rainfall, but for the latter part of the week there was absolutely no sunshine to open the blooms. What few that did reach the local market were, on the most part, as "tight as bullets," and practically all of the retailers were without peonies all week. Great losses were sustained by the growers, wholesalers and retailers, but, as the weather was uncontrollable, the dealers had to fall back on carnations, roses and lilies to fill their orders. The carnation crop was very good, on the contrary, and some very fine stock was handled. Roses were in fine supply, also, and owing to the peony situation, no trouble was experienced in disposing of them at good prices. Lilies moved well also. Yellow daisies were scarce and sold well. A heavy glut is bound to occur the coming week when the belated crops of peonies arrive, and very little can be expected from them at that time.

Business was exceptionally good on pot stock this season, according to the reports of several of the largest retailers and growers. Geraniums shortened up very quickly and it was not such an easy matter to procure them around the end of the week.

NOTES.

The Blind Floral Co. was well supplied with plants and bedding stock, grown at their West View greenhouses. The store was filled to its capacity continually with its product.

Wm. Turner was also on hand with his usual line of fine pot stock. He also cut a large crop of giganteum lilies for Memorial day.

A. C. Miller, of Homestead, Pa., has just recovered from illness which lasted a week. G. M.

Jersey City, N. J.

MEMORIAL DAY PLANT DEMAND ACTIVE.

The corner of West Side avenue and Montgomery street was a very busy place for several days before Memorial day. Being just opposite the cemetery, plant dealers came, in some instances from quite a distance, to sell their stock. There is a small but neat range in the cemetery grounds.

The growers of Jersey City are nearly all plantsmen, most of them planting chrysanthemums when the bedding plants are out. They have all been very active during the past week, as previously the weather had been so cold and wet that much of the bedding work was deferred.

Charles Wrege, 21 Roosevelt avenue, has considerable glass area, having a store in connection, with a good local trade. Mr. Wrege is now well advanced in years and does not take an active part in the work, but Mrs. Wrege was found very busy in the store.

Mrs. J. E. Kelly, 67 Wayne street, is a very active florist. She is in New York every morning for the early market, sells wholesale and likewise fills orders for funeral work and bouquets.

John F. Madden, who has a store at 768 Bergen avenue and a range on Montgomery street, near the Hudson county catholic cemeteries, was very busy sending out plants.

At the range of Robert Leach we found plants going out very fast, the geraniums being well flowered. This is one of the ranges that grows fine chrysanthemums.

Peter Olszewski has a name that is hard to pronounce, but this is nothing against him. He is a clever florist and gardener and is well located at 219 First street.

F. Kerpen, who has a well constructed range on Stegman avenue, reported that his best stock was all sold out in advance of Memorial day.

Peter Henderson, who conducts the range, long the property of his father, the late James Henderson, was found very busy with plants.

Philip Dosch, who now has the John Leach range, on lease, had a fine stock of bedding plants and was doing a good business.

Fred H. Dressel, Jr., who recently bought the Bonnet Floral Shop, has opened a branch in the new market, 137 Newark avenue.

James A. Sullivan, who was formerly engaged in other business, has recently opened a retail florist store at 277 Grove street.

May F. Kendall's store, on Jersey avenue, is well kept and well patronized and she has a clever assistant in her sister.

A. Kiessel, 606 Summit avenue, has a good store and is a constant buyer in the New York market. A. F. F.

St. Louis.

HEAVY SALES IN PLANTS.

During the past week the worst weather ever recorded for May visited us, but Memorial day the sun was shining. Sweet peas became soft and unsalable from the moisture. Outdoor flowers are with us again and to a great extent knock out indoor stock. Jasmines are arriving in all grades. The shorter grades seem to have the better keeping qualities. Carnations, good stock, brought big prices, five and six cents, while inferior stock brought three cents. From reports received, trade for Memorial day was good, there being heavy sales in blooming plants.

NOTES.

H. G. Berning had a fine stock in everything for Memorial day. This house handles some of the largest consignments that come to this city.

F. C. Weber, Jr., is a frequent visitor to the market. He likes to keep posted.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

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JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Wietor Bros.

Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 6784

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

Geo. H. Angermueller had special inducements in his supply department.

The Windler Wholesale Floral Co. had some extra fancy Richmond and Milady roses the past week.

The rainy spell all the week, according to Father Brennan, our astronomer here, is accounted for by the heavy cannonading going on at the battle front.

June, the month of weddings and graduation exercises, promises heavy trade, several advance orders being received here by prominent florists.

Kalish Bros.' store, corner of Taylor and Delmar streets, has a very attractive window, which is always tastefully decorated.

F. H. Weber is doing a fine trade. Receptions and luncheons have kept him busy during the past week.

The famous Barr Dry Goods Co. had a special sale, May 29, of Cape Jasmine, at 19 cents per dozen.

Grimm & Gorly, Mullanphy Florists and Foster the Florist, had special sales during the past week.

Some of the florists here were held up lately, failing to have licenses for their chauffeurs.

Ostertag Bros. were extensive buyers the past week in preparing for Memorial day. W. F.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	$4 00
" " 36-in	3 50
" " 30-in	3 00
" " 24 in	2 50
" " 20-in	2 00
" " 15-in	1 50
" " 12-in	75@1 00
" Mrs. Chas. Russell	1 00@ 2 50
	Per 100
" Killarney Brilliant	3 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	3 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	3 00@10 00
" Milady	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	3 00@10 00
" Ophelia	2 00@10 00
" Our selection	3 00
Carnations	2 00@ 3 00
Cattleyas per doz.	6 00
Gardenias per doz.	3 00@ 4 00
Gladioli	4 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Snapdragons per doz.	50@2 00
Spanish Iris	4 00@ 8 00
Sweet Peas	75@ 2 00
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns	3 00@4 00
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy per 1000	5 00@6 00
Plumosus Strings each	60@ 75
Smilax per doz.	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 35c per lb.	

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

Mention the American Florist when writing

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

USE Budlong's Blue Ribbon Valley.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave., CHICAGO

Booking Orders Now For

FIELD GROWN CARNATION PLANTS

Place your order now. Delivery will be made when you are ready for them.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

MEMORIAL DAY BUSINESS EXCEEDS 1914.

The feature of the week was the demand for Memorial day. This, as was to be expected, set the price and it seemed a sure enough test of supply and demand. The early part of the week prices were moderate with an upward tendency, which climbed and kept creeping upward until at the last, record prices on almost all lines of stock were obtained. Peonies started at $4 and finally halted only when the choice stock set the figures at $8 and owing to the copious rains and cool weather, the quality was the best ever. By noon, May 29, scarcely anything in peonies showing color was in sight. The tables in the wholesale houses were filled with stock sitting pot against pot, fully of bullet-like buds scarcely showing color. No doubt many of these were salable the Monday following, but not before and they will likely be so plentiful next week that record prices of the other extreme will offset those of the early crop. Roses, while plentiful, met with a good demand, everything of any merit in all grades being sold at good prices; in fact, it was in many cases impossible to fill orders, the cool and cloudy weather of Friday and Saturday having shortened the crop fully 50 per cent. About the only plentiful things were Easter lilies and asparagus green and these were to be had in quantity. Sweet peas sold well considering the quality, which was of the fag end order. Some of the outside stock is seen, the bulk of the crop promising to be in time for the June weddings.

Carnations were good, stock jumping fully 100 per cent in price. Such flowers as could be bought for three dollars on Monday easily brought six on Saturday. Take it all in all, the business was fully as good as last season if not a trifle better, perhaps. In the retail shops almost the entire business was for cemetery flowers, which took the form of wreaths, sprigs and loose flowers. Wreaths were mostly of magnolia, trimmed with fresh flowers, or in the pieces for soldiers' graves, red, white and blue immortelles and palm leaves were used with the wreaths. The general decoration of graves, aside from those of the Grand Army, as is the custom throughout New England, is so little observed as to be scarcely noticeable. It seems possible that this beautiful custom could be brought into vogue here, if a publicity campaign to encourage such a practice was conducted with intelligence and good taste.

NOTES.

The annual meeting of the Guernsey Cattle Breeders' Association will be held at the dairy and rose farm of the Joseph Heacock Co., at Roelefs, June 11. There will be interesting addresses by Dr. Williams, Prof. Ager and Prof. Saunders. An inspection of this model farm, with its hundred acres of corn, its alfalfa fields, model farm and dairy buildings, together with the large, up-to-date rosehouses and their complete equipment, will show features that could scarcely be duplicated anywhere else in this country.

The Pennsylvania Horticultural Society is taking a step forward, in going outside of its building to hold flower shows, in various community centers to get the co-operation of people in these sections interested in their work and at the same time encourage floriculture and a love for flowers. A peony show was held in Fireman's hall, June 2. An exhibition of sweet peas on the grounds of the Abington Library Association at Jenkintown is scheduled for June 23.

Everybody wants to take a day off and come to the club outing at Schuetzen park, June 21. "Happy John" Gracey is chairman of the committee having the affair in charge. There will be a baseball game, running races, a wheelbarrow trundle, tug of war, a good dinner and dancing. Tickets, $1.50. Everybody come; a good time is assured, rain or shine.

Wholesale Flower Markets

BOSTON, June 2.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	3 00@ 4 00
" select	4 00@ 6 00

BUFFALO, June 2.	
Roses, Beauty, special, doz.,	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 50@ 3 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	2 00@ 3 00
Peas	50@ 1 50
Tulips	1 00@ 2 00
Daffodils	1 00@ 2 00
Asparagus Sprengeri	35@ 50
Ferns per 1000	2 50
Smilax	15 00

CINCINNATI, June 2.	
Roses, Beauty, per doz.	$1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus, per bch., 25c	
Carnations	2 00@ 3 00
Orchids, per doz.	3 00
Sweet Peas	35@ 50
Peonies	4 00@ 6 00
Gladiolus	4 00@ 8 00

ST. LOUIS, June 2.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
" Radiance	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	3 00@ 5 00
Orchids	35 00@50 00
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	6 00@ 8 00
Sweet Peas	20@ 40
Callas	6 00@ 8 00
Ferns per 1000	3 50
Leucothoe per 100	60
Galax per 1000	1 25

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley

SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.

1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL

"The" Wholesale Florist of Cincinnati

32-34-36 East Third St. CINCINNATI, OHIO

Consignments Solicited.

Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of

Florists' Supplies

THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.

Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88	$0.50	$0.85
No. 55	.75	1.25
No. 48	1.00	1.50

Envelopes to match (1000 to package), same price as cards.

Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO
Mention the American Florist when writing

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 208
448 Milwaukee St., Milwaukee, Wis.

WM. C. SMITH
Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand
Mention the American Florist when writing

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

O. R. Eckhardt Co.
WHOLESALE FLORISTS.
ST. PAUL, MINN.
Shippers of Home-Grown Cut Flowers and Florists' Supplies.
Phone N.W. Cedar 7067. Phone Tri-State 2153. 318 Minnesota Street
Mention the American Florist when writing

The Leo Niessen Co. taxed their large organization to the limit in handling the business of Memorial day. It was a record day with them. Select American Beauties are a feature this week.

Edward Reid added peonies to his carnation stock as a feature of the Memorial day business and sold out clean of almost everything. A large and satisfactory business was his comment.

The regular spring show of outdoor roses will be held June 9 in Horticultural hall. This is a move in the right direction and will greatly increase the usefulness of the society.

The M. Rice Co. are busy making up new designs in baskets for the fall trade. Their "made in America" creations will certainly make a hit this fall.

Berger Bros.' peony business for Memorial day was immense. Gladiolus and select lily of the valley were also features. K.

DENVER, COLO.—Stricken with apoplexy during the night, John A. Carlin, florist, partner in Dunsmore's Greenhouses, and for 30 years a resident of Denver, was found in a dying condition in his home, 3269 Fairview place, May 19.

Wholesale Flower Markets

PHILADELPHIA, June 2.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus, per bunch	50

PITTSBURGH, June 2.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00
Carnations	1 50@ 2 00
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00@ 4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Peonies	4 00@ 6 00
Asparagus Sprengeri, per bunch	35@40
" Sprays, per bunch	35@40
Snapdragon	4 00@ 6 00

MUSKEGON, MICH.—The Butterworth Floral Co. have opened a branch store on Terrace street.

ST. LOUIS, MO.—Young women who sold flowers on the streets at the second annual celebration of flower day, collected $270 for the Jewish national relief fund. The directors of the fund are buying land in Palestine and will establish Jews on farms.

RICE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, June 2.	Per 100
Roses, Beauty, per doz., 2 00@ 4 00	
" Killarney and W. Killarney	4 00@10 00
" Ward, Sunburst	4 00@ 6 00
" Mrs. Chas. Russell	5 00@25 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	3 00@ 4 00
Lilies	10 00@12 50
Snapdragon, per bunch, 50c@$1.00	
Sweet Peas	75@ 1 50
Valley	4 00
Peonies	5 00@ 8 00
Daisies	75@ 1 00

IRON MOUNTAIN, MICH.—Odin Eskill, son of J. J. Eskill, who has conducted a 40-acre truck and fruit farm near Green Bay, will erect two houses here, each 25x75 feet, and will engage in business as a florist and market gardener.

ANNOUNCEMENT

Mr. John Young wishes to notify the trade in general that Mr. George Hildenbrand, who has been associated with him for many years as sales manager, became a member of the firm of John Young & Co. on June 1, 1915.

Hoping for a continuance of your patronage, may we remain

Yours very truly,

JOHN YOUNG & CO.

Wholesale Florists, **53 West 28th Street, NEW YORK**

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **$6.95**

300 Bulbs, $18.00
1200 " 70.00

C. S. & CO. NEW YORK

1000 Pips, $15.00
2500 " 35.00

LILY OF THE VALLEY PIPS

$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

TRADE CONDITIONS SATISFACTORY.

The supply of stock kept shortening throughout the early days of the past week, but there was enough to go around. A heavier supply came in Saturday, May 29, and the market was fairly active. The activity was largely on account of buyers and orders from out of town, and the cemetery florists. While there was not a great increase in the local retail trade, business seemed fairly good.

Carnations of the best quality were fairly steady at $4 per 100 throughout the week, and Saturday there were some sales at $5. Good No. 1 roses went at $3 and $4 per 100; specials $6 and $8 for choice varieties. The best greenhouse lily of the valley sold well, going as high as $4 and $5 per 100, but the outdoor stock was poor. It is stated that one dealer cleared out a stock of it at $4 per 1,000. Peonies of ordinary quality sold for 75 cents per dozen, a better grade for $1, with possibly a few sales at $1.25. There were some very good lilies on the market and 6 cents per flower was a fair price. There was no unusual movement in American Beauty roses, they remaining at the rate of $25 per 100 for specials. The cold and wet weather has had a bad effect on some of the tea roses arriving, considerable mildew being noted. A considerable stock of irises, snowballs, outdoor spiræa and deutzia is seen, which has no fixed price.

So far as can be learned, the dealers in bedding plants had good business. While weather conditions are even not yet favorable for the planting of tender stock, as one dealer expressed it, "we cannot wait"; therefore, much cemetery bedding was done in a few days preceding May 30.

May 30.—Weather cold and disagreeable, and rain began falling early in the day. Many people were thus prevented from visiting the cemeteries. Though there was fair business, May 29, stock was not cleaned up and the storm put a damper on Sunday business.

May 31.—There is no unusual activity today, in fact prices are falling off. Special American Beauties are down to $20 per 100. The weather is fine, and if it continues a good supply of stock may be looked for throughout the week. Peonies are even now plentiful and the supply is sure to increase. Gardenias are out of the running and orchids remain cheap. Today is being observed as a holiday.

THE MONTREAL FLORAL EXCHANGE, Ltd.

140 Manfield Street - Montreal

The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

NOTES.

Many beautiful floral designs were sent from this city May 28, for the funeral of Mrs. Stuyvesant Fish, which was held at her late home, Garrison-on-the-Hudson. Ralph Armstrong, Madison avenue and 47th street, filled the orders from the Fish family and had charge of the arrangement of flowers at the funeral. The pall was of red roses and lily of the valley and the grave was lined with red roses. There was designs from nearly all the leading florists of this city.

George Hildenbrand.
John Young & Co., New York.

At the memorial services at the Vanderbilt home, May 27, for the late Alfred G. Vanderbilt, who was lost in the Lusitania disaster, there were many fine flowers. Mr. Vanderbilt's body never was found, but the ceremony was practically a funeral service. In addition to flowers, palms, ferns and foliage plants were arranged about the altar, the family orders being with Chas. A. Dards, Madison avenue and 44th street.

John Young, 53 West Twenty-eighth street, has notified the trade that he has taken George Hildenbrand into partnership. Mr. Hildenbrand has long been well and favorably known in the wholesale district as an employe of Mr. Young. The firm name is now John Young & Co., and it has our good wishes.

John V. Philips, of Fulton street, had considerable Memorial day work on account of the Grand Army of the Republic. S. Masur, also of Fulton street, was quite busy during the past week, part of which was on account of Memorial day.

Moore, Hentz & Nash, of the Coogan building, had a stock of roses for Memorial day which consisted of Killarney Queen, Radiance, My Maryland, Florence B., Hadley, Double White Killarney and Aaron Ward. They sold out well.

The next meeting of the New York Florists' Club will be held on the night of June 14. As this will be the last meeting until after the summer vacation, July and August, there will doubtless be a large attendance.

John H. Meyer, who now has the retail store at Third avenue and 35th street, formerly conducted by R. Willburger, is keeping it in good shape and seems to be doing a good business.

George Blake, of Bonnet & Blake, Livingstone street wholesalers, accompanied by Mrs. Blake and a party

J. K. ALLEN

Established 1878
118 West 28th Street
New York

Wholesale Commission Dealer in Cut Flowers.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Consignments Solicited. Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer

Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

Walter F. Sheridan

Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Florists' Supplies

THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

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Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

John Young & Co.

Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

of friends, went to Washington, D. C., May 29, for a short vacation.

R. A. Johnstone, bookkeeper for the Kervan Co., dealers in green, has just returned to his desk after being confined to his bed for two weeks with rheumatism.

Chas. F. Dailey, who opened a store shortly before Easter at Madison avenue and 45th street, has closed up.

M. C. Ford is now receiving fine stock of the peonies Festiva Maxima and the gladiolus America.

Traendly & Schenck had a fine stock of roses for Memorial day and their business was good. A. F. F.

Geo. C. Siebrecht

WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, June 2.	Per 100
Roses, Beauty, special	15 00@20 00
" " extra and fancy	8 00@10 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	1 00@ 8 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	4 00@ 6 00
" Mrs. Geo. Shawyer, special	3 00@ 6 00
" " extra	2 00@ 3 00
" " No. 1 & No. 2	50@ 2 00
" White Killarney, special	4 00@ 6 00
" Killarney, My Maryland... special	4 00@ 5 00
" " No. 1 and No. 2	50@ 2 00
" " Queen, special	2 00@ 5 00
" " Brilliant	50@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 5 00
" Sunburst	50@ 6 00
" Taft	50@ 5 00
" Milady, special	50@ 6 00
" J. L. Mock	1 00@ 6 00
" Hadley	1 00@15 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	1 50@ 3 00
Cattleya Orchids, special	35 00
" " inferior grades	15 00@20 00
Lilies, Longiflorum and Harrisii	3 00@ 5 00
Lily of the Valley	1 00@ 3 00
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	1 25@ 1 50
Sweet Peas, per doz. bunches.	.25@ .50
" " Spencer type, 100 flowers.	1.00@1.50
Peonies, special.....per doz.,	.75@1 00
" inferior stock	35c@50c
Gladiolus.....per doz.,	25c@35c
" America..... " "	50c@75c

United Cut Flower Co., Inc.

WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.
Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.
Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER

Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company

FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing.

George B. Hart

WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford

121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing.

WHOLESALE FLORISTS
A. L. Young & Co.
54 WEST 28th ST. NEW YORK
Consignments Solicited
Mention the American Florist when writing

Menlo Park Horticultural Society.

The first spring show that has been held under the auspices of the Menlo Park Horticultural Society took place here June 20. The show was only of one day's duration, but it proved to be a great success, in spite of the very inclement weather which has prevailed in this locality of late. The exhibits were large and varied and it proved conclusively that the growers and private gardeners, and also the members of this society, can do things even if the weather conditions are not all that is to be desired. The display of Spencer sweet peas surpassed all expectations and some grand stock was on view. Out-door roses also were shown in great variety and proved to be a great attraction. The flowering shrub section was very excellent, considering growing conditions, as also were the displays of perennials and annuals.

The sweepstakes gold medal, awarded to the exhibitor winning the most first prizes, was awarded to the Lynch Nursery Company of Menlo Park, Calif. Special mention must be made of the grand new roses shown by George Nunn and the splendid exhibit of pot gloxinias by Joseph Paneicka, gardener to Mrs. Chas. G. Lathrop. Mr. Paneicka's tuberous begonias, as well as his Spencer sweet peas, were very fine. John W. Daly, gardener to J. Lewy Nickel, showed a splendid lot of Burbank's new hybrid amaryllis; also, perennials and flowering shrubs. John Patterson's sweet peas showed splendid culture and the same can be said of his show of flowering shrubs.

David Bassett's roses in the collections carried off first honors, and it was an award well bestowed, as they were grand. The pansy display was a feature and the competition very keen. First honors went to Edward O'Neill, head gardener to the Talbot C. Walker estate, for a magnificent exhibit. An award of merit was given to the Walker estate for a magnificent show of Silver Pink antirrhinum; these were very beautiful and splendidly grown. David W. Slade, gardener to S. Spalding, showed some of the finest digitalis ever seen in this locality. Henry Wright's exhibit of roses was greatly appreciated by the visitors.

Several awards were made for displays of wild flowers arranged by children and there were quite a number of exhibits not entered for competition, chief among which was the carnations of Henry Goertzhain of Redwood City. Sidney Clock officiated as judge and all his decisions were well received.

At the next monthly meeting of the society a smoker will be held and the society takes this means of inviting any member of the craft who should happen to be in this vicinity at that time. The date is June 10. As yet this society is undecided as to where the fall show will be held. As there is no hall of suitable size in Menlo Park it will probably be held in Palo Alto again this year. The members of this wide-awake organization have long held the dream that some day the society would own its own building, but owing to various reasons that time has not arrived as yet. Arrangements will be made shortly for the annual outing, the one day that every member looks forward to with pleasure.

G. N.

Joplin, Mo.

The second annual rose show given under the auspices of the Country club, May 23, was a decided success from a floral standpoint, although the attendance was greatly reduced by inclement weather. Fifteen-foot tables were used to display the exhibits, which were in six divisions, while smaller tables carried displays from the Country club rose garden, not for competition, while another splendid display, not for competition, was a magnificent vase of Mrs. Charles Russell roses sent by H. A. Hall, florist, to add to the general display. A high compliment was paid the exhibition by William L. Rock, of the W. L. Rock Flower Co., Kansas City, Mo., chairman of the jury of awards, who stated that with professional florists eliminated Kansas City could not stage a rose exhibition its equal.

The jury of awards, consisting of William L. Rock of Kansas City, William P. Stark of Neosho and H. A. Hall of Joplin, performed the finely discriminating duties of their position in a most thorough and satisfactory manner, and prominent among the prize winners were the following:

Mrs. W. H. Landreth, Mrs. David Joseph, G. M. Leonard, S. C. Lindsey, Mrs. J. H. Spurgeon, Mrs. J. M. Hirons, Mrs. C. E. Matthews. Other beautiful exhibits which failed to receive prizes, but were given honorable mention by the judges were made by Miss Jean Gregg Wise, Mrs. H. M. McKenna, Mrs. H. H. Gregg; Mrs. Robeson, Mrs. H. S. Davis, Miss Bess Hackett, Mrs. A. K. Mills.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.

1302-1308 W. Division St., CHICAGO

Newport, R. I.

It seems safe to predict that the coming exhibition of the American Sweet Pea Society to be held in the Newport Casino, July 8-9, will be one of excellence, if the interest taken by local growers is any criterion. The casino is an ideal place for the exhibition, being spacious and handsome, and affords visitors a chance to "rub elbows" with Newport's "high society," which may be an attraction for the gentler sex.

Wadley & Smythe, Harry A. Bunyard and Ralph Armstrong, New York florists, have their men here opening their local branches.

J. J. B.

Baltimore.

COMMENCEMENT ORDERS IN GOOD NUMBERS.

Conditions in the cut flower market have been very dull, a good demand for peonies being the exception. There was the usual good demand for Memorial day stock, and orders are coming in at a lively rate for commencements, giving promise of excellent business.

NOTES.

Halliday Bros are having an excellent demand for out-door plants. Commencement orders are coming in and heavy business in this line is anticipated.

Wm. E. Seidewitz reports cut flower business quiet, but he has been very busy with landscape work.

Hamilton Floral Shop and Samuel Feast & Son report excellent business in commencement orders.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.

High Grade Floral Publicity.

224 So. Michigan Ave., Chicago, Ill.

Mention the American Florist when writing

LYRATA $2.50 Per Case

Fancy Ferns	$1 25 per 1000
Dagger Ferns	1 00 per 1000
Natural Moss	1 75 per Bag
Perpetuated Moss	3 50 per Bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens,

EVERGREEN, ALABAMA

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) $2.50 per case

Fancy Ferns	per 1000, $1.25
Dagger Ferns	per 1000, 1.00
Natural Moss	per bag, 1.75
Perpetuated Moss	per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

USE **Budlong's** Blue Ribbon Valley.

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

THE SEFTON MFG. CO.,
1333 W. 35th St., CHICAGO, ILL.

J. Bolgiano & Son are having good business in plant sales.

Chas. E. Smith reports quiet business.

R. J. B.

PHILADELPHIA, PA.—The flower fete given under the auspices of the Flower Market Association, May 19, netted $4,386.28, which was distributed among children's hospitals and day nurseries.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

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Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. Inc. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

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J. B. BOLAND

Successor to Sievers & Boland

FLORIST

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Mention the American Florist when writing

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H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

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Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS

Experts to Arrange Them.

150 E. Fourth St.

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ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

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Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

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Member Florists' Telegraph Delivery.

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REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

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Flowers for all Occasions.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

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FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

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Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

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Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Address, DARDSFLOR.

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

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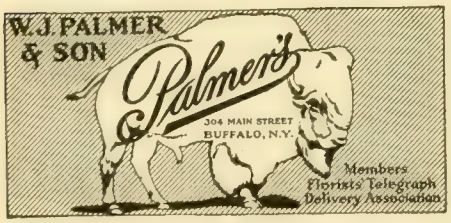

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FLORISTS,

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Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Bauscher, John, Freeport, Ill.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
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Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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Mention the American Florist when writing.

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Floral Designs and Choice Cut Flowers

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FLORIST

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J. J. LeBORIOUS

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City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Freeport, Ill.—John Bauscher.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metaire Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia.—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
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Mention the American Florist when writing

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Established over 20 Years.

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Flowers or Design Work.

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Canada's best known and most reliable florist.

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to Steamers and all Eastern Points.

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Rochester Phone 506 Long Dist. Bell Phone 2189

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The Largest Growers of Flowers in City

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All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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(Successor to Geo. A. Heinl)

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Both Phones, 527.

Special attention to Mail and Telegraph Orders. Member of The Florists' Telegraph Delivery.

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Newark, Ohio.

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Member of Florists' Telegraph Delivery.

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"Some Florist"

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Vaughan's Flower Seeds For Summer Sowing.

CINERARIA—Vaughan's Columbian Mixture.

Asparagus Plumosus Nanus. Northern Greenhouse Grown.

Per 100 seeds, 50c: 250 seeds, $1.00; 1000 seeds, $3.00.

Asparagus Hatcherii. Finer, heavier and more rapid grower than Plumosus. **100 seeds, 75c: 1000 seeds $7.00.**

Asparagus Sprengeri. 100 seeds, 15c; 250 seeds, 25c; 1000 seeds, 75c; 5000 seeds. $3.00; oz., 50c.

Calceolaria Hybrida.

Vaughan's Extra Choice Mixed. Our mixture is composed of the choicest selections of the tigered, marbled, spotted and variegated varieties. **Trade pkt., (1000 seeds), 50c; 3 trade pkts. for $1.35.**

Cineraria.

Vaughan's Columbian Mixture. It consists of a mixture made up by ourselves of the choicest English, French and German strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. **Trade pkt., (500 seeds), 50c; 3 trade pkts. for $1.40.**

Gloxinia Hybrida.

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Our List of "Flower Seeds for Summer Sowing" now on the press; will be mailed shortly.

Vaughan's Seed Store, NEW YORK, N. Y. CHICAGO, ILL.

500,000 Pot Plants

of late Propagation and Planting.

In A No. 1 condition ready for market. Orders shipped promptly. Liberal Extras.

Size of pots.		Per 100	1000
2¼ in.	**Althernantheras,** red and yel..	$2.25	$20.00
2¼ in.	**Ageratums,** white, light and dark blue	2.25	20 00
2½ in.	**Asp. Plumosus** or **Hatcheri**	3.00	25.00
4 in.	**Asp. Plumosus** or **Hatcheri**	7.50	70.00
2½ in.	**Asp. Sprengeri,** large plants	2.50	22.50
4 in.	**Asp. Sprengeri,** large plants	6.50	60.00
3 and 3½ in.	**Cannas,** King Humbert	5.00	45.00
3 and 3½ in.	**Cannas,** Brandywine, Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in.	**Centaurea,** Dusty Miller	2.25	20.00
2½ in.	**Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed..	2.50	22.50
2½ in.	**Cupheas,** Cigar Plants	2.25	20.00
	Dracaena Indivisa, 4, 5 in., $10.00, and $20.00 per 100.		
2¼ in.	**Fuchsias,** dbl. and sgl., 12 vars.,	2.75	25.00
4 in.	**Fuchsias,** dbl. and sgl., 12 vars..	7.50	70.00
2¼ in.	**Geraniums,** Nutt, Ricard, Poitevine Buchner, etc	2.25	20.00
3½ and 4 in.	**Geraniums,** Nutt, Ricard, Poitevine. Buchner, etc	7.00	65.00
2¼ in.	**Heliotropes,** white, light and dark blue	2.75	25.00
4 in.	**Heliotropes,** white, light and dark blue	7.50	70.00
	Pansy Plants, transplanted, choice varieties, in bloom	1.25	10.00
2¼ in.	**Petunias,** sgl.. mixed vars	2.50	22.50
3½ in.	**Petunias,** dbl., 15 vars., mixed..	6.50	60.00
2½ in.	**Salvias,** Bonfire and Splendens.	2.50	22.50
3 in.	**Salvias,** Bonfire and Splendens.	5.00	45.00
2½ in.	**Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00

Vegetable Plants by the Million.

Cabbage, Early Winningstadt, Wakefield, Henderson Early, Summer etc., $2.50 per 1000.

Cauliflower Plants, Early Paris and Snowball, $5.00 per 1000.

Tomato Plants, Earliana, Jewel, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2.25 per 1000.

—Correspondence solicited.—

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Wholesale Florist
WASHINGTON, - NEW JERSEY

Robert Craig Co...
High Class **PALMS**
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

SUPERIOR QUALITY AND SERVICE IN THESE

WITTBOLD SPRING SPECIALTIES

COLEUS

Golden Bedder......2-in. pots, $2.50 per 100; 3-in. pots, $5.00 per 100
Yellow Pfister......2-in. pots, 2.50 per 100; 3-in. pots, 5.00 per 100
Assorted............2-in. pots, 2.00 per 100; 3-in. pots, 4.00 per 100

SANTOLINAS

Santolinas..........2½-in. pots, $3.00 per 100

ALYSSUM

Sweet Alyssum..........2-in. pots, $2.50 per 100

GERANIUMS

Pink, Red and White, extra fine stock.......4-in. pots. $10.00 per 100

FUCHSIAS

Assorted..........3-in. pots, $6.00 per 100; 4-in. pots, $8.00 per 100

IVIES

5-in. pots..........$15.00 per 100 4-in. pots...........$12.00 per 100
2½-in. pots ....$3.00 per 100
German Ivy..........3-in. pots, $5.00 per 100

PETUNIAS

Single..........3-in. pots, $5.00 per 100; 2½-in. pots, $3.00 per 100

VINCAS

4-in. pots..........$10.00, $12.00 and $15.00 per 100

CYCLAMENS

Pure White, White with Red Eyes, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, Dark Red, Rosy Morn, Brilliant Red and Bright Red.
3-inch pots..........$8.00 per 100

Write, Wire or Phone Today
L. D. Phone Graceland 1112

THE GEO. WITTBOLD CO.
737-739 Buckingham Place CHICAGO

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

THE entry of Italy into the war will not help the flower seed situation.

HARLAN, IA.—R. E. Pool has completed building a new seed and feed store.

SHEBOYGAN, WIS.—The John H. Allan Seed Co. has increased its capital from $180,000 to $210,000.

ALBION, ILL.—Power machinery has been installed at the plant of the Hardy Seed & Feed Co.

SAN FRANCISCO, CALIF.—The seed department of Charles C. Navlet in the Emporium store has been enlarged.

DALLAS, TEX.—The heaviest mail order trade in its history was handled this season by the Texas Seed & Floral Co.

GRAND JUNCTION, COLO.—An electric seed cleaning machine will be installed by the Grand Junction Seed & Nursery Co., Inc.

YANKTON, S. D.—The Gurney Seed Co. suffered a loss of $600 to buliding and stock caused by a severe storm, May 25.

DECORAH, IA.—The Adams Seed Co. has purchased a two-story building and will remodel it to conform to business needs.

FT. WORTH, TEX.—Good business and a satisfactory clean up of its surplus is reported by the Drumm Seed & Floral Co.

CHICAGO.—Prices for grass seed on the Board of Trade June 2 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.

DE GRAAFF BROS., Ltd., of Leiden, Holland, are not neglecting the exploitation of their Darwin and Cottage tulips, in the face of war troubles.

ONION SEED crop reports from California continue unfavorable, especially on yellows. The Sacramento river district seems to look best just now.

ATLANTA, GA.—The death is announced, May 22, of J. H. Everett, 65 years old, pioneer Atlantan and proprietor of the Everett Seed Company.

FARGO, N. D.—Landblom & Vincent have dissolved partnership, the latter retiring, and the business will now be conducted as the H. L. Landblom Seed Co.

PHLOX DRUMMONDI Nana Compacta Cecily is a very desirable type for borders, colors very bright with distinct white eye, flowering early, plants bushy and compact.

FIELD CORN in some cases will have to be replanted, owing to the unfavorable weather. That which is out of the ground is about two inches high and off in color, owing to the absence of sunshine.

VISITED CHICAGO: A. V. Jackson, of Falmouth Mushroom Cellars, Inc., Falmouth, Mass.; W. B. Lucas, of the John H. Allan Seed Co., Sheboygan, Wis.

SANTA ANA, CALIF.—The Haven Seed Co., making a specialty of tomato seed, will be pleased to see any trade visitors who may favor them with a call during the convention trip.

THE department of agriculture, Washington, D. C., has just issued Bulletin 195 on "Potato Breeding and Selection," containing much information of value to potato breeders and growers.

FLORAL PARK, N. Y.—Linnaeus Allen says cabbage for seed at present looks very fine. There has been plenty of rain which is most needed during April and May to give the stock a good growth.

PARIS, KY.—Spears & Son write May 22: "The blue grass harvest will begin in two weeks. While it is yet too early to form a correct estimate of the crop, the yield will be much less than an average one and in our opinion prices should be higher."

MINNEAPOLIS, MINN.—The Puritan Plant & Seed Company has been incorporated with a capital stock of $25,000. Officers are as follows: Guy C. Hawkins, president; Irving J. Clark, vice-president; Jesse W. Hawkins, secretary-treasurer. The office of the concern will be in the Plymouth building, this city.

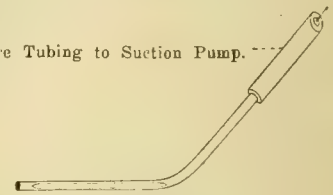
AT the meeting of the Wholesale Seedsmen's League, held at New York, May 26, as noted in our issue of May 29, the following directors were in attendance: F. W. Bruggerhof, Capt. Burnet Landreth, S. F. Willard, Joseph Breck, T. W. Wood, John L. Hunt, W. Atlee Burpee and Lem W. Bowen. The visitors included David Burpee, Burnet Landreth, Jr., and E. E. Bruggerhof.

ONION SETS.—Contract growers of onion sets at Chicago, who are in position to know, say that the present stand looks like 85 per cent of a crop. There has been some loss because of low vitality of seed and on very low ground the crop has suffered slightly from rains, but excess moisture of the last two weeks has in the main been helpful. Maggots do not breed in such weather.

LONDON, ENG., MAY 20.—R. Van der Schoot, the well known bulb grower of Hillegom, Holland, is here on his usual annual tour through Great Britain. There is probably no more popular Hollander among the English trade than Mr. Van der Schoot, who has annually visited the trade establishments in this country for 25 years. He meets many of his friends at the R. H. S. shows in this city.

Seed Counter.

In preparing tests of seed germination, a great deal of rather monotonous work is required in counting the seeds. The device to be described was worked out to obviate part of this labor, and has proved very efficient in our seed laboratory. In the hope that it will save valuable time for other workers in this field the following description is presented:



The seed counter is made from a piece of brass or copper tubing 20 cm. in length and about .5 cm. in diameter. This is bent in the middle at an agle of 45° and then on one side filed almost paper thin for a distance of 8 cm. At intervals of .7 cm. on this flattened side ten holes of suitable diameter are punched with a needle and hammer. One end of the tube on the side nearest the holes is sealed with solder or sealing wax, and the other end is connected by .5 cm. rubber pressure tubing to a small Richards air pump.

The seeds to be counted are placed in a flat tray and the pump started. The suction through the fine openings holds the seeds in lots of ten to the tube, which are removed by a flick of the finger. In case more than one seed adheres to a hole the extra ones can be quickly removed by tapping the tube, or with the finger. It will be found advisable to have tubes made up with various sizes of holes, one for small seeds such as tobacco, with openings as small as can be made with a No. 7 needle; one with medium-sized holes of .5 mm., which are best adapted to seeds of the size of radish, clover, etc., and one with holes of 1 mm. in diameter. Seeds with a very rough exterior such as beet seed do not lend themselves well to this method of counting, as the surface is too uneven to be held by the suction. Large seeds—beans, peas and corn for instance—are too heavy to be held by the suction produced by the small Richards pump, but there is no doubt that with a stronger suction such as that produced by a vacuum cleaner this method could be used in counting these heavier seeds.—Orton L. Clark, Mass. Agri. Exp. Station, in Science.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

PW

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

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WHATEVER your plans are for autumn flowers or plants, we have some appropriate seed, which will give its support to your ideas.

Our stocks of seeds are so complete and varied, that we call it a rainbow-range of color.

You would like to get our catalog. Write

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NEW YORK

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CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

California Seed Crops.

The California Seed Growers' Association, writing under date of May 17, say that continuous rains for the past six weeks and severe cold weather, accompanied by heavy north winds, are conditions that have changed to a considerable extent the rosy outlook for crops early in March.

Onion.—This crop shows more damage than any other. The continued wet weather has started mildew working in the fields and at the present writing the prospect is far from encouraging. Many fields of onions planted on low ground have suffered greatly from the wet condition and even without any mildew the crop will be greatly reduced. Not for several years has the mildew shown so much activity in the onion fields. Should the condition not improve, the onion seed crop is bound to be very light.

Beet.—Owing to the wet condition of the ground, planting was delayed much more than we had anticipated early in March and some varieties of beets are therefore showing a severe rot, principally the Flat Egyptian and Detroit. We are giving the fields every attention possible, hoping to nurse the plants along. The outlook for this crop is not so "rosy" as we thought six weeks ago.

Lettuce.—We are somewhat anxious over this crop. The continued rains are unseasonable and where the lettuce has developed large heads, a rot is very likely to start. In fact, some varieties, principally Big Boston, are showing signs of rot. If, however, we have dry winds for a while, the damage will be small. Late planted lettuce, of course, will be greatly benefited.

Endive, Mustard, Radish.—These crops are looking fine especially the radish; our radish was planted early and has been greatly helped by the rains. We should harvest a good crop on all varieties now growing.

Carrot, Parsnip, Parsley. — These crops do not seem to be injured in any way by the weather and the prospects are promising for a good crop.

SEEDSMEN

1915 is Exposition and Convention year in California. We urge that you plan to visit California this season. Seedsmen who are interested in beans will find the seed bean farms at Carpinteria and Lompoc where, we produce large quantities of seed beans for seedsmen who are particular about quality, especially interesting during the summer season. We shall be glad to have you call on us at Carpinteria, the place where many of the leading varieties of Lima Beans were originated, several of them on our seed farms. We make a study of growing seed beans.

Henry Fish Seed Co., Carpinteria, Calif.

Carpinteria is located on the Southern Pacific Coast line between San Francisco and Los Angeles, ten miles east of Santa Barbara.

Mention the American Florist when writing

JOHN H. ALLAN SEED CO.

Growers of choice varieties of

Peas and Beans

Sheboygan, Wis.

Mention the American Florist when writing

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50. 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing.

Cold Storage Valley

BRUNS' CELEBRATED CHICAGO MARKET BRAND, best to be had Valley, giving the best results all year round, $16.00 for 1000; $8.50 for 500; $4.50 for 250; $2.00 for 100.

FLORISTS' MONEY MAKER, best Valley at moderate prices, $14.00 for 1000; $7.50 for 500; $4.00 for 250.

H. N. BRUNS, 3032 Madison St., Chicago

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:

Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs.) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade
CARPINTERIA, CALIF.

Salsify.—This crop seems a little backward and we do not believe the yield will be up to normal.

Sweet Peas.—The cold blast has killed the first flowers on the sweet peas. The outcome of the crop will depend on the second blooms. We believe, however, the yield will be somewhat reduced.

Catalogues Received.

David Herbert & Son, Atco, N. J., seeds, bulbs and plants; The Livingston Seed Co., Columbus, O., shrubs, perennials, trees, etc.; Allen, Sterling & Lothrop, Portland, Me., seeds; Henry F. Michell Co., Philadelphia, Pa., "Specialties for Florists"; Peter Henderson & Co., New York, "Everything for the Lawn," seeds and implements; Anderson Floral Co., Anderson, S. C., bulbs and plants; Knight & Struck Co., New York, plants and seeds; Henry W. Turner, Montebello, Calif., roses; J. H. Troy's Nurseries, New Rochelle, N. Y., roses and shrubs; W. A. Manda, Inc., South Orange, N. J., bulbs, plants and shrubs; F. W. Kelsey Nursery Co., New York, trees and shrubs; Fraser Nursery Co., Huntsville, Ala., nursery stocks; The Elm City Nursery Co., New Haven, Conn., nursery stocks; The Bloomington Nursery Co., Bloomington, Ill., trees and shrubs; B. Hammond Tracy, Wenham, Mass., gladioli; J. K. Alexander, East Bridgewater, Mass., dahlias; Sadie A. Thomas, Pasadena, Calif., chrysanthemums; D. H. Gilbert, Monticello, Fla., watermelon seed; Forbes & Keith, New Bedford, Mass., dahlias; Edw. S. Schmid, Washington, D. C., bird and pet stock; J. P. Campbell, Jacksonville, Fla., "Modern Irrigation"; J. K. Andrews, Elgin, Ill., vases; John A. Evans Co., Richmond, Ind., ventilating machines; El Paso Curio and Novelty Co., El Paso, Tex., Mexican and oriental novelties and native cacti.

Ant. Roozen & Son, Overveen, Holland, bulbs and plants; Thompson & Morgan, Ipswich, Eng., herbaceous and alpine plants; Perry's Hardy Plant Farm, Enfield, Mddx., Eng., rock and border plants; Schaum & Van Tol, Boskoop Holland, nursery stock.

ROOTED
CHRYSANTHEMUM CUTTINGS

Our stock is exceptionally fine this season and is the best that you can get anywhere for the money. Select what you want from the following list and let us have your order as early as possible. The early buyer usually gets the pick of the cream, but that is not the case here for all of our stock is of uniform quality and everybody is treated alike until the supply is exhausted. Get busy. Order now.

	100	1000
WHITE		
Smith's Advance	$2 00	$15 00
October Frost	2 00	15 00
Virginia Poehlmann	2 00	15 00
Alice Salomon	3 50	30 00
Noamah	3 00	25 00
Alice Byron	2 00	15 00
Chas. Razer	2 00	15 00
Lynwood Hall	2 00	15 00
YELLOW		
Chrysolora	2 00	15 00
YELLOW		
Ramapo. Roman Gold	$2 00	$15 00
Nagoya	2 50	20 00
Yellow Eaton. Golden Glow	2 00	15 00
PINK		
Amorita	2 00	15 00
McNiece	2 50	20 00
Dr Enguehard	2 50	20 00
CRIMSON		
Shrimpton	2 00	15 00

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Bulbs, Seeds, Plants

Try us once and you will come again.
S. S. SKIDELSKY & CO.,
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Card brings a Catalogue

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

New Price List of my celebrated Winter-flowering
ORCHID SWEET PEAS
will be out in June. If you are not on our mailing book, send your name and proposal.
ANT. C. ZVOLANEK,
Sweet Pea Ranch, Lompoc, Calif.

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,
8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes**, green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

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SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
EDGAR F. HURFF,
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The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE
Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,
Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**
Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write
JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.
Mention the American Florist when writing

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower.
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
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THE
J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.
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Godfrey Aschmann
Importer, Wholesale Grower and Shipper of
POT PLANTS
SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.
1012 W. Ontario St., Philadelphia, Pa.
Mention the American Florist when writing

Is Your Supply of Effective Cut Flowers Provided?

Lily Flowers are Daily Breadwinners

You make no mistake in ordering from us a weekly or fortnightly supply of the following:

Cold Storage Stock

	No. in case	Per 100	Per 1000
Giganteum, 7- 9 inch,	100	**$6.00**	
Giganteum, 7- 9 inch,	300		**$53.00**
Giganteum, 8-10 inch,	225		**75.00**
Giganteum, 9-10 inch,	200		**90.00**
Valley, (best grade)			**16.00**
Gladiolus, Mrs. Francis King, 1st.			**9.00**

Also a few cases extra LILIUM FORMOSUM, 8 to 10-inch, for immediate planting.

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CHICAGO NEW YORK

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially

Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON

Wholesale Seed Growers

Langport, Somerset, England.

Special quotations on application.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

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MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

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BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and **Acacia Seeds**

P.O. Box 857, MELBOURNE, AUSTRALIA

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TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

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GERANIUMS

Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and **Buchner**.....	$10 00 per 1000
Ricard and **Poitevine**.....	12 50 " "
Asparagus Plumosus.....	25 00 " "
Smilax.....	12 50 " "

Send for list of bedding plants.

ALBERT M. HERR, LANCASTER, PA.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

A Few Good Things You Want.

Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 3-in., $5.00; 4-in., $15.00; 5-in., $25.00 per 100.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Sallerol Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Mention the American Florist when writing

Chrysanthemums

R. C., $1.50 per 100; $12.00 per 1000, prepaid.

Stevia, R. C., $1.00 per 100; $8.00 per 1000, prepaid.

Coleus, R. C., 70c per 100; $6.00 per 1000, prepaid.

Salvias, R.C., $1.00 per 100; $8.00 per 1000, prepaid; strong 3-in., 4c.

Verbenas, strong 2¼-in., $2.50 per 100; $20.00 per 1000.

See May 1st issue.

C. HUMFELD, Clay Center, Kansas

Mention the American Florist when writing

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.

$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies, OLEAN, N. Y.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

BALTIMORE, MD.—The potato crop is from two to three weeks late, and appears to be considerably damaged, due to rain and cold weather. Large acreages of tomato plants north of this city have been destroyed by low temperatures, while the same conditions have benefited millions of tomato plants grown locally to supply large packers and growers. Field corn in the east is very backward. Cabbage and pea crops have been materially benefited by weather conditions.

R. J. B.

Prices of Indoor Fruits and Vegetables.

Chicago, June 2.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 7½ cents per box; radishes, 75 cents to $1.00 per dozen bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 60 cents to 65 cents per dozen.

New York, June 2.—Cauliflower, per dozen, $1.50 to $2.50; cucumbers, 60 cents to 80 cents per dozen; mushrooms, 50 cents to $1.50 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 35 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Summer Treatment of Greenhouse Soils.

Greenhouses demand a much richer soil than is usually found in even the best trucking types, and when a greenhouse is built, usually some time passes before maximum yields can be obtained. It is essential that a greenhouse soil should contain an abundance of humus which means future plant food, as well as that its mechanical condition be good. At the Ohio agricultural experiment station, Wooster, and also by many vegetable growers, according to Bulletin 281 of that station, the method used in preparing greennouse soil is the so-called "sod compost." Few of the larger growers have time or material to so prepare the soil for their ranges, but all can certainly prepare enough for use in seed and plant flats.

Its preparation is simple. A supply of good thick sod should be obtained. If bluegrass sod is not at hand, clover or timothy sod can be used as well or any soil in which there is an abundance of decaying vegetable matter. Muck or wood soils are especially desirable. Old greenhouse soils may be used if thoroughly weathered, or if the compost is not intended for immediate use. Good fresh horse manure is desirable, though any available manure can be used, but the drier manures are to be prefered because of their higher calorific value, which results in a quicker decomposition of the mixture. A convenient site is selected, an estimate of the material made and foundations laid for a pile six to eight feet wide and about five feet high and of any desired length. A layer of about six inches of sod is placed, and on top of this about the same amount of manure, another layer of sod, and so on until the pile is completed.

While the compost pile is generally built in the fall and allowed to stand all winter, after which it is worked over, giving the manure and sod a thorough mixing, the compost heap can also be made in the spring, and with care in keeping it moist and by frequently forking it over, it may be made ready for the greenhouse within six months, but a longer time is generally required.

Asters Under Glass.

At the present time there is a close search for a profitable crop under glass. This has induced florists to plant cucumbers and tomatoes to follow carnations, and in turn will induce vegetable growers to try asters and chrysanthemums. We have ourselves used asters to fill our small plant houses where head room is insufficient for cucumbers or tomatoes. The results have been quite satisfactory, as we have been able to produce very fine asters indeed. The market is also favorable to us, as this section (Ohio), is very much against asters out doors.

The great enemy of asters here is the tarnished plant bug. We have known growers of asters out doors who could not account for their lack of success because they were utterly unaware of the destruction caused by this bug. The damage is done by puncturing the young succulent shoots bearing buds. The puncture is first followed by a slight wilting and later by a stunted, knotty growth and either no flowers or worthless ones is the result. This bug is as active as the striped melon bug, hence is hard to combat. By indoor culture we have so far avoided this pest and also the black bettle, which devours the mature blossoms. Under glass we are also able to produce a longer stem, a purer color, and we can carry a crop a long time in perfect condition by withholding water from the blossoms. A long, rainy spell in the fall often plays havoc with out door asters for cut-flower purposes.

So far we have used entirely American seed of American varieties, using mostly the types of late branching. As regards colors, white must predominate, shell pink follows and rose pink in small proportion. The reds, blues and purples are slow sale and must be avoided. Aster plants delight in rich soil and ample moisture. Lettuce beds should grow fine asters. We find lime very beneficial. Asters like all annuals, are very sensitive to checks when young—so much so that when plants are crowded in seed or plant beds and allowed to draw up they are worthless. Spaced 10x10 we have been able to produce from 6 to 10 fine blossoms which have sold for $1 per hundred wholesale. There is a fair demand for good, long-stemmed flowers right up to chrysanthemum season, that is about Oct. 15.

Asters delight under syringing and spraying, which is half the battle against thrips and red spider. We sow our first seeds about April 1 and then at intervals of two weeks up to about June 5.

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50,000 rooted cuttings and plants from soil
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Variegated Nutt, 2¼-inch.......... 5.00 100
Rose Geraniums, 4-in.......... 8.00 100

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Aquilegia. California hybrids, 2¼-in., $3.00 per 100. **Delphinium Chinense,** 2¼-in., $2.50 per 100; Gold Medal, $3.00 per 100; **Formosum,** $3.00 per 100; **Lychnis,** 2¼-in., $3.00 per 100; **Asters,** clumps, $4.00 per 100; **Coreopsis,** clumps, $4.00 per 100; **Anthemis,** clumps, $4.00 per 100. **August Sown Plants: Sweet Williams, Digitalis, Pentstemon, Campanulas, Hollyhocks,** $2.00 per 100. **Phlox,** extra strong seedlings, mixed, $1.00 per 100.

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2¼-inch $3.00 100
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2¼-inch $3.00 100
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2¼-inch $3.00 100
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Erfordii, Prima Donna, Luminosa, Semperflorens Vernon, transplanted seedlings. $1.85 per 100.
Begonia Gloire de Lorraine, ready now, 2¼-in., per doz. $1.50; $12.00 per 100. **Begonia Glory of Cincinnati,** 2¼-in., $2.00 per doz., $140 per 1,000, $15.00 per 100.

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K. Humbert, 4-in......$10.00 100
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Lantanas, mixed, 3-in.	$6.00
Lantanas, mixed, 2-in.	4.00
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Lantanas, trailing, extra strong	15.00
English Ivy, 3-in.	10.00
English Ivy, 5-in., extra strong and long	35c to 50c each
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Roosevelt Runners $2.00 100; $15.00 1,000
Ferns for Dishes, out of flats, extra strong..........$1.50 100
Smithii, new curly fern:
2¼-inch ....$ 5.00 100
3-inch 10.00 100

ARAUCARIAS, 3 to 4 tiers, 40c; 4 to 5 tiers, 75c.
ASPIDISTRAS, variegated, $1.25 each.
KENTIAS, 75c each up.

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Mixed, 3-in. pot, my selection, $4.00 per 100.
Asp. Plumosus and **Sprengeri,** 2¼-in. pot, $2 00 per 100.
Cannas, 5 varieties, $4.00 per 100.
Alternantheras, yellow, 2¼-in. pot, $2.00 per 100.
Vinca, variegated, 4-in. pot, $8.00 per 100.

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The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

DURING the last four years 10,000,000 Satsuma orange trees have been planted in Mobile county, Ala.

WINCHESTER, KY.—A severe hailstorm May 21 did considerable damage at the nursery of Poole and Purliant.

NEWCASTLE, IND.—Lindey & Dawson, florists, have an excellent supply of stock at their greenhouse on Seventeenth street, and anticipate good Memorial day business.

LANSING, MICH.—According to Prof. C. P. Halligan of the horticultural department of the Michigan Agricultural College, there has been little damage done to the fruit crop by the recent frosts.

WE are in receipt of the Thirty-second annual report of the park commissioners of Minneapolis, Minn., a very elaborate book of 157 pages, profusely illustrated with maps and halftone engravings.

ST. LOUIS, MO.—Thomas A. Bean of Dahlgren, Ill., purported to be a nurseryman, was sentenced to serve five years in the federal penitentiary at Leavenworth, Kan., by the United States district court, May 14, for using the mail to defraud.

RIVERSIDE, CALIF.—In addition to two city parks and a large play ground, a small mountain, known as Huntington park, is used for planting forest trees. The tract embraces 280 acres and a winding drive leads from the city to the summit, 1,350 feet high.

The Flowering Dogwood.

This tree (Cornus florida) is now in flower and of unusual beauty this year. It is not native in the arboretum, but has been largely planted here and is now the most conspicuous plant, perhaps, in the roadside plantations. Comparatively rare in this latitude, the flowering dogwood is very abundant southward, and in early spring gives to the forest margins of the middle and southern states one of their greatest charms. The flowering dogwood of the east, beautiful as it is, is not so handsome as the species from the Pacific states, Cornus Nuttallii, which is a tree sometimes 60 or 70 feet high, with involucres to the flower-clusters nearly twice as wide as those of Cornus florida. Cornus Nattallii grows in damp woods under the shade of coniferous trees and is difficult to keep alive outside its native forests. It has never succeeded in the arboretum and appears to have flowered in Europe in only a few gardens. The Japanese representative of this group, Cornus kousa, is hardy and flowers abundantly in eastern Massachusetts. It is a small tree which flowers later than Cornus florida and differs from it in its smaller pointed floral bracts, and is chiefly valuable for prolonging the flowering time of these beautiful plants.—Arnold Arboretum Bulletin, May 19, 1915.

American Association of Nurserymen.

The officers of the American Association of Nurserymen are making special effort to bring together at Detroit, Mich., June 23-25, the largest aggregation of nurserymen that ever attended one of its trade conventions. An exceptional program of papers, etc., is being arranged by Chairman C. R. Burr, and there will be no lack of quality in either speakers or subjects. Chairman T. I. Ilgenfritz is putting the finishing touches on entertainment arrangements. Detroit and its environments afford the greatest variety of attractive places imaginable, either on land or water. A visit to the "City Beautiful" can be made one of the most satisfactory of vacations.

A very thorough canvass for new members is being made by the membership committee under direction of Will B. Munson. The personnel of the committee is: Luther A. Breck, Boston, Mass., New England states; A. F. Meehan, Dresher, Pa., middle Atlantic Coast states; Paul C. Lindley, Pomona, N. C., southern Atlantic and gulf states; H. D. Simpson, Vincennes, Indiana, central states; G. A. Marshall, Arlington, Neb., northern central states west of Mississippi river; M. McDonald, Orenco, Oregon, Pacific coast states. Members in 1914 are urged to send in their renewals with advt's for badge book immediately, to ensure an early mailing of this valuable publication. The 1915 badge button will be a strikingly attractive one. This fortieth convention should go on record as the best ever.

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Baltimore Belle—Blush white	25.00
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Climbing American Beauty	50.00
Dorothy Perkins—Shell pink	25.00
Excelsa—Red Dorothy Perkins	30.00
Philadelphia—Red	25.00
Queen of the Prairies—Rosy red	25.00
Sodonia—Bright red	30.00
Tausendschon (Thousand Beauties)	25.00
Trier—Creamy white	25.00
Veilchenblau—Violet blue	25.00
White Dorothy Perkins—Pure white	25.00

Moss Roses

Blanche Moreau—White	$35.00
Crimson Globe—Crimson	35.00
Princess Adelaide—Pink	35.00

Teas and Hybrid Teas

Gruss an Teplitz—Rich scarlet	$30.00
Mamon Cochet—Coral pink	30.00
Yellow Soupert—Yellow	27.50

Dwarf Polyantha or Baby Roses

	Per 1000
Anny Muller—Cerise pink	$30.00
Baby Rambler (Mme. N. Lavavasseur), Crimson	27.50
Jessie—Clear glowing red	27.50
Orleans—Geranium pink	25.00
Yvonne Rabier—White	27.50

Hybrid Perpetuals

Aldred Colomb—Crimson	$35.00
Anne de Diesbach—Pink	35.00
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Coquette des Alps—Blush white	35.00
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General Washington—Deep red	35.00
J. B. Clark—Deep scarlet	40.00
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Marchioness of Lorne—Red	35.00
M. P. Wilder—Crimson	35.00
Mme. Georges Bruant—Hybrid rugosa, white	35.00
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Geraniums, out of 3½-in. pots..... 7.00 per 100
Salvia Splendens, out of 3½-in. pots. 5.00 per 100

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		Each	Doz.	Per 100
Actinidia Argota, strong	5-inch pots	$0 35	$4 00	
Ampelopsis Veitchii, strong	4-inch pots		1 50	$10 00
" " "	5-inch pots		2 00	15 00
" **Tricolor,**	4-inch pots		1 50	10 00
" **Engelmanii,**	5-inch pots		1 50	12 00
" **Lowii** (New).	4-inch pots	30	3 00	25 00
Aristolochia Sipho,	6-inch pots	35	4 00	30 00
Begonia Grandiflora,	5-inch pots	35	4 00	30 00
" **Radicans,**	5-inch pots	15	1 50	12 00
Clematis Montana Grandiflora,	5-inch pots	35	3 50	
" " **Rubens,**	5-inch pots	75	7 50	
" **Duchess of Edinburgh,**	5-inch pots	30	3 00	
" **Henryi,**	5-inch pots	30	3 00	
" **Mme. Baron Veillard,**	5-inch pots	30	3 00	
" **Villede Lyon.**	5-inch pots	30	3 00	
" **Integrifolia Durandi,**	5-inch pots	35	3 50	
Hop Vines,	3-inch pots		50	4 00
Honeysuckle Halleana,	6-inch pots		2 00	15 00
" **Evergreen.**	6-inch pots		2 00	15 00
" **Variegated,**	6-inch pots		2 00	15 00
" **Red Coral,**	6-inch pots		2 50	
Hardy English Ivies.	4-inch pots		2 00	15 00
Hardy Jasmine Nudiflorum,	5-inch pots		1 50	10 00
" " **Officinale,**	4-inch pots		1 50	10 00
Lathyrus White Pearl,	4 inch pots		2 00	15 00
Polygonum Multiflorum,	4-inch pots		1 50	10 00
Kudzu Vines,	3-inch pots		1 25	8 00
Schizophragma Hydrangeoides,	7-inch pots	75	7 50	
Wistaria Sinensis, Blue,	5 and 6-inch pots	35	4 00	30 00
" " **White,**	5 and 6-inch pots	35	4 00	30 00
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Utilis Humulifolia,	4-inch pots		1 50	10 00

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CHOICE 2½-IN. PLANTS.

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Maryland	$4.00	$35.00	**Beauties**	5.00	40.00

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BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

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	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00

Made-up Kentia Forsteriana

	Each
9-in. cedar tub, 4 plants in tub, 40 to 42 in. high	$ 4.00
9-in cedar tub, 4 plants in tub, 42 to 48 in. high	5.00
2-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	10.00
2-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
2-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
2-in. cedar tub, 4 plants in tub, 7 to 8 ft.	20.00

Phoenix Roebelenii

	Each
5-in. pot, nicely characterized	$1.00
7-in. tub, 18 in. high, 24 in. spread	2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
3-in. pot	5	12		2.00
4-in. pot	5 to 6	15	$0.40	4.50
5-in. pot	5 to 6	18	.50	6.00
6-in. pot	6 to 7	24	1.00	12.00
	Leaves	In. high	Each	Per doz
7-in. cedar tub	6 to 7	34 to 36	$ 2.50	30.00
7-in. cedar tub	6 to 7	36 to 38	3.00	36.00
9-in. cedar tub	6 to 7	42 to 45	4.00	48.00
9 in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

9-in. tub, 4 ft. spread	each, $4.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. **Wyncote, Pa.**

Connecticut Horticultural Society.

The second May meeting of this society was held Friday evening, May 28, in the County building, Hartford, President Mason, chairman. Edward A. Brassill, acting as chairman of the June flower show committee, G. H. Hollister, the chairman elect, suffering from a felon, being unable to act, created quite a furore by his report on the coming show, which is to be held June 10, in Unity hall, Pratt street, Hartford. During the week preceding the meeting, members of the committee mentioned called upon Mrs. William H. Palmer, Mrs. Russell L. Jones and Miss Rose Johnson, and these ladies, being present, having been appointed a committee to represent the Union for Home Work, the two committees went over the ground thoroughly as to the details of the show. The ladies will serve tea during the afternoon, and tentative plans call for a tea-garden and young ladies (members of the Union for Home Work) will serve a light lunch for the small charge of 10 cents. John F. Huss, superintendent of the Goodwin estate; our president, Warren S. Mason, superintendent of the Pope estate at Farmington, and A. N. Pierson, Inc., of Cromwell, have promised to furnish flowers and plants for decorative purposes. The society voted unanimously to award diplomas for exhibits of merit. Stumpp & Walter Company of New York offer $2.50 in gold for the best display made by any one exhibitor.

At the meeting there was shown an exceedingly fine specimen of Campanula Medium lavender, measuring more than three feet high and containing 248 blooms. This plant created quite a sensation among the members by its beauty and splendid growth. It was grown by Alfred Cebelius, head gardener for Professor Jacobus, and received a first-class certificate. Mr. Cebelius also exhibited two varieties of Lupinus polyphyllus, blue and rosea, and Emerus robustrum. John F. Huss had a display of shrubs, among them being three varieties of Dueztzia, gracilis, Lemoinii, and apple blossom; also Dictamnus fraxinella, D. alba, D. rosea; Viburnum tormentosum and Spirea van Houttii. He was awarded a certificate of merit. Warren S. Mason, of Farmington, had the following: Anchusa Italica, Trollius Europa, Dicentra spectabilis, Hesperis matrionalis, Hemerocallis flava, Hesperis sweet rocket, armeria or thrift, Myosotis alpestris, Victoria rose, Alyssum saxatile and others. He also received a certificate of merit. Three new members were admitted to the society. The next meeting will be held in Unity hall, Pratt street, on Wednesday evening, June 9, and all the members should make a special effort to be present in order that the flower show may meet with the highest success.

ALFRED DIXON, Sec'y.

Begonia Lorraine

2¼-in. pots, $12.00 per 100; $110.00 per 1000.

Begonia Glory of Cincinnati

2¼-in. pots, $15.00 per 100; $140.00 per 1000.

CYCLAMENS

Separate colors; finest strain; extra strong plants.
3-in. pots, $10.00 per 100; $90.00 per 1000.

PANDANUS VEITCHII

6-in., 7-in. and 8-in. pots.

DRACAENA MASSANGEANA

5-in., 6-in. and 7-in. pots.

CAMELLIAS

In the very best varieties for growing on. 6-in., 7-in. and 8-in. pots.

JULIUS ROEHRS CO., Rutherford, N. J.

Cattleya Mossiae and Cattleya Percivaliana.

Fine, fresh, imported plants, at $45.00 per case of 60 plants (500 good bulbs).

A. SACHSE, Orchid Collector
416 Bloomfield Ave., MONTCLAIR, N. J.
Mention the American Florist when writing

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

CHAS. H. TOTTY

MADISON, NEW JERSEY.
Wholesale Florist
Chrysanthemum Novelties My Specialty

ATCHISON, KAN.—A large flower bed at the city hospital grounds has been filled by Mangelsdorf Bros., florists, and presented to the institution.

MCMINNVILLE, ORE.—S. H. Maris, of the Pioneer Greenhouses, says trade has been better here since about the first of last September than ever before and has more than doubled this spring in plant and window and porch box work. Prices on plants have been about 50 per cent better than heretofore. This city is surrounded by a very rich farming country and all farm produce has brought good prices, so locally money has been plentiful and times good.

COLUMBUS, O.—Hugh Dugan has been appointed receiver for the Art Floral Co., Keith Theater building.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

ALTERNANTHERAS—BUSHY STOCK.

1200	Red 2½-inch	$2.50
500	Green and white, 2½-inch	2.50
400	Elegantissima, 2½-inch	2.50

CASH.

JOSEPH BANCROFT & SON, INC.,
CEDAR FALLS, IOWA.

STRONG, WELL-ROOTED CUTTINGS.

	Per 100.	Per 1000.
P. Major, red	$0.50	$4.00
A. Nana, yellow	.50	4.00
Brilliantissima, best red	.60	5.00

DAVIS FLORAL CO., DAVENPORT, IA.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Alternanthera, yellow, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Asparagus Sprengeri—250 extra heavy bushy 4-inch, $12.50 per 100. Cash. JOSEPH BANCROFT & SON, INC., CEDAR FALLS, IOWA.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

Asparagus plumosus, 2-year-old from bench, $3 per 100; $25 per 1,000. Geo. Reinberg, 162 N. Wabash Ave., Chicago.

ASPARAGUS PLUMOSUS seedlings, 90c per 100; 2½-in., $3; 3-in., $5. I. L. PILLSBURY, Galesburg, Ill.

Asparagus plumosus and Sprengeri, 2¼-in., $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

ASTERS.

ASTERS, Semple's and Early Branching, separate colors or mixed, shipped prepaid, 100, 45c; 1,000, $2.75. GLICK SEED AND PLANT FARM, Smoketown, Pa.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Bedding plants: Coleus, Golden Bedder and Yellow Pfister, 2-in., $2.50 per 100; 3-in., $5; assorted, 2-in., $2 per 100; 3-in., $4. Santolinas, 2½-in., $3 per 100. Alyssum, 2-in., $2.50 per 100. Geraniums, pink, red and white, 4-in., $10 per 100. Fuchsias, assorted, 3-in., $6 per 100. 4-in., $8. Ivies: 5-in., $15 per 100; 4-in., $12; 2½-in., $3; German, Ivy., 3-in., $5 per 100. Petunias, single, 3-in., $5 per 100; 2½-in., $3. Vincas, 4-in., $10, $12 and $15 per 100. The Geo. Wittbold Co., 737-39 Buckingham Place, Chicago.

Bedding plants: Alternantheras, red and yellow and Brilliantissima, alyssum, ageratum, begonias, Cobaea scandens, coleus, caladiums, dusty miller, Dracæna indivisa, rose geraniums, Mme. Salleroi, English ivy, lobelias, Marigold, pansies, primulas, phlox Drummondi, petunias, Salvias, Bonfire and Zurich; smilax, Torenia Fourneri, Vinca rosea and alba, variegated; verbenas wandering Jew. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding stock: Fuchsias, alyssum, swainsona, achryanthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Bedding plants: Alternantheras, ageratum, asparagus, cannas, centaureas, coleus, cupheas, dracaenas, fuchsias, geraniums, heliotropes, pansies, petunias, salvias, verbenas. Alonza J. Bryan, Washington, New Jersey.

BEGONIAS.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. J. A. Peterson & Sons, Cincinnati, Ohio.

Begonia Chatelaine, 2½-inch pots, $5 per 100. Vaughan's Seed Store, Chicago and New York.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS—PYRAMIDS, broad, heavy, uniform specimens: 2 ft., $2.25 each; 2½ ft., $2.75 ea.; 3 ft., $3.25 ea.; 4 ft., $4.50 ea.; price includes tubs, f. o. b. Dundee. BUSH SHAPE—heavy, 12-in. balled, 35c ea.; 14-in., balled, 40c ea.; 16-in., balled, 45c. ea. THE D. HILL NURSERY CO., Inc., Box 404, Dundee, Illinois.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Bulbs, lilies, cold storage, giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9 inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000; King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc, Improved, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS.
3,000 very fine, best bedding sorts, strong 3-inch pots, $4 per 100. King Humbert, $5 per 100. Cash.
JOSEPH BANCROFT & SON, INC.,
CEDAR FALLS, IOWA.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Cannas, 5 varieties, $4 per 100. Jos. H. Cunningham, Delaware, Ohio.

CARNATIONS.

FIELD-GROWN CARNATIONS.
READY NOW.
Best stock we have ever had of the NOVELTIES and STANDARDS. Write for prices.
CHARLES H. TOTTY.
MADISON, N. J.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

FROM OUT-DOOR STOCK PLANTS.
$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

10,000 CHRYSANTHEMUMS in prime condition from 2¼-in. pots or soil. Golden Glow, Bonnafon, Chas. Razer, Pink and White Ivory, Pink Helen Frick, $2.50 per 100; $20.00 per 1,000.
Cash with order.
FRED G. HUNT, DES PLAINES, ILL.

Chrysanthemums, rooted cuttings, Robt. Halliday, Nagoya, Dr. Enguehard, $1.25 per 100; $11 per 1,000. Mrs. Beu, Pretoria, Emile, Zenobia, Diana, Yellow Baby, $2 per 100; $15 per 1,000. Cash, please. JAMES PSENICKA, Gross Point, Ill.

FROM OUT-DOOR STOCK PLANTS.
ROOTED CUTTINGS ONLY—Immediate delivery—October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Bonnaffon, yellow	2.00
Chas. Razer, white	2.00
White Bonnaffon, white	2.00
Dr. Enguehard, pink	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Agloi, variegated	2.00
H. Hicks, brown	2.00

WIETOR BROS.,

162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
Golden Glow	2.00	15.00
Yellow Eaton	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUM PLANTS. R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COLEUS.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

Cyclamen, pure white, white with red eyes, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, dark red, Rosy Morn, Brilliant red and bright red, 3-in., $8 per 100. The Geo. Wittbold Co., 737-39 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen giganteum, 3-inch pots, $10 per 100. J. A. Peterson & Sons, Cincinnati, Ohio.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

Dahlias, from 2½-in. pots, $5 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna Massangeana, 5, 6 and 7-inch pots. Julius Roehrs Co., Rutherford, N. J.

Dracæna Indivisa, 3-in., $5; 4-in., $15; 5-in., $25 per 100. Geo. M. Emmans, Newton, N. J.

EVERGREENS.

WHITE PINES.

Magnificent specimens, several times transplanted; 10-12 ft., $9 each; 12-15 ft., $11.50 each; 15-18 ft., $15 each. All balled and burlapped. Strictly nursery grown.

D. HILL NURSERY CO., INC.,
Evergreen Specilalists.
Box 404. DUNDEE, ILL.

FERNS.

FERNS, fine clean stock, absolutely free from scale, all from 2¼-inch pots.

		Hundred	Thousand
15,000	Whitmanii, superb stock	$4.00	$35.00
10,000	Teddy, Jr., the best of all general purpose ferns, sweeping the East like Wildfire	6.50	60.00
10,000	Roosevelt, not so well known but the demand is right up with "Boston"	4.50	40.00
5,000	Big Four, (Neph. Splendida), our own introduction. The best fern ever sent out for box or vase work, strong healthy grower	4.00	35.00
5,000	Piersonii Improved — another of our introductions, very seldom runs back	4.00	35.00
5,000	Scotti (Newport Fern)	5.00	45.00
5,000	Exaltata, the old original Sword Fern. Fine for vases	3.50	30.00
5,000	Elegantissima Improved, Lace Fern	4.50	40.00
5,000	Scholzeli, Crested Fern	4.50	40.00
5,000	Godii, "Baby's Breath"	5.50	50.00

Our catalog of everything you need mailed on application. Write for it today.

THE GOOD & REESE COMPANY,
The Largest Rose Growers in the World.
SPRINGFIELD, OHIO.

FERNS.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

FOR SALE—10,000 handsome Whitmani and Harris ferns, rooted runners, $2 per 100. Cash. E. F. Rose, Taunton, Mass.

Ferns, Boston, 30 inches high, $1. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

GERANIUMS.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

25,000 S. A. NUTT, strong cuttings, well rooted, $1 per 100; $9 per 1,000. Cash. THE W. T. BUCKLEY CO., Springfield, Ill.

Lady Washington, strong 4-inch stock, best varieties, 12½c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, S. A. Nutt and other varieties, 4-inch, $8 per 100. M. C. Gunterberg, 158 N. Wabash Ave., Chicago.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Geraniums, mixed, 3-in., my selection, $4 per 100. Jos. H. Cunningham, Delaware, Ohio.

GLADIOLUS.

AT YOUR OWN PRICE.

Until planting I offer the following gladioli in good, sound bulbs at your own price. Send in your bids, with remittance, and I will send the bulbs if not sold out: 3,000 America, 1½ to 2-in.; 3,000 Brenchleyensis, 1¼-in.; 2,000 Mrs. Beecher, 1½ up; 5,000 Minnesota (Sterling) 1¼ up; 3,000 America, 1-in. to 1¼-in.; 2,000 Florists' Light (Cowee's and Austin's stock) 1½ to 2-in.; 2,000 Groff's Hybrids, 1¼-in.; 2,000 Cracker Jack. Also 2,000 Augusta, 1¼-in. at $7; 2,000 Augusta, 1½-in. at $8.

GEO. S. WOODRUFF,
INDEPENDENCE, IOWA.

Gladiolus Independence. First size round bulbs, $7.50 per 1,000 delivered. See any good grower's list for description. W. A. Wilkinson, 10879 Prospect Ave., Morgan Park, Chicago.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag. Perpetuated moss, $3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag; perpetuated moss, $3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

IVIES.

ENGLISH IVY, 20 to 30 ins. $3; from pots, 12 to 15 ins., $4 per 100. CHAS. FROST, Kenilworth, N. J.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $3.50 for 500; $4.50 for 250; $2 per 100. Florists' Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

Fuchsias, 2¼-in., $3 per 100. Petunias, dbl. mixed, $3 per 100. Ageratum, 2-in., $2.50 per 100. Heliotrope, 2¼-in., $2.50 per 100. Salvias, 3-in., $5 per 100. Salvia tricolor, $3 per 100. Salvia variegata, $3 per 100. Alyssum, dbl., 2¼-in., $3 per 100. Vinca, 2-in., $2.50; 4-in., $12 per 100. Abutilon Savitzii, 2-in., $3; 2¼-in., $4; 3-in., $8 per 100. Cuphea, 2-in., $2 per 100. Asparagus Sprengeri, 2½-in., $3 per 100. Plumosus, 3-in., $6 per 100. Dracaena Indivisa, 5-in., $50 per 100. Pansies, transplanted, $1 per 100; in bloom, $2 per 100. Ernest Rober, Wilmette, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

MYRTLE.

HARDY MYRTLE.

Exceptionally fine 2½-inch stock, $3.00 per 100; $30.00 per 1,000 while they last. Cash please.

C. CLEMENSON,
7801 South Shore Avenue, Chicago, Ill.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANDANUS.

Pandanus Veitchii, 6-in., $1.25 to $1.50 each; 7-in., $2 to $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 6-in., 7-in. and 8-in. pots. Julius Roehrs Co., Rutherford, N. J.

PANSIES.

Pansies, field-grown, in bud and bloom, $1.25 per 100; $10 per 1,000; extra large plants, $15 per 1,000. Leonard Cousins, Jr., Concord Junction, Mass.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$ 0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28 ..	$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PALMS.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PERENNIALS.

SWEET WILLIAMS, giant flowered mixed, 2-year-old, heavy, 6c each. Hardy Carnations, 2-year, 7c. Cash, please. George Popp, Jr., Fort Recovery, Ohio.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work, 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Petunias, single, 2½-in. pots, $3 per 100. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small .....$4.00 per 100
1-year, medium ..... 6.00 per 100
1-year, strong ..... 8.00 per 100
1-year, extra strong.....10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery.
ERNEST ROBER, WILMETTE, ILL.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RESURRECTION PLANTS.

MEXICAN RESURRECTION PLANTS, large, 100 prepaid for $2; 1,000, $15. Also in handsome cartons making unequaled florists' souvenir.

CACTI, 3 to 5 inches high, good bloomers, quick sellers, 100 for $6. LESTER CO., Box 55, Mesilla Park, N. M.

ROSES.

GRAFTED PLANTS.

BULGARIA, 4-INCH, PER 100, $8.00. EXCEPTIONALLY FINE PLANTS FOR EITHER GROWING IN THE GREENHOUSES OR PLANTING IN THE GARDEN, FOR THEY ARE SO LARGE THAT THEY ARE ALMOST READY TO BLOOM.

BENCH PLANTS.

We are now replanting and can offer good two-year-old stock fresh dug every few days. Beauties, Pink and White Killarney at $5 per 100, in lots of not less than 100, any one variety. All plants shipped from Hinsdale.

ROSE BARGAIN.

600 bench plants of Prince de Arenberg, one-year-old, own root, now ready to sell. Price $5.00 per 100. Answer quick.

BASSETT & WASHBURN,

131 N. Wabash Ave.,	Greenhouses:
Chicago.	Hinsdale, Ill.

Roses, 2½-inch, Maryland, $4 per 100; $35 per 1,000. Beauties, $5 per 100; $40 per 1,000. Peter Reinberg, 30 E. Randolph St., Chicago.

ROSES.

ROSES from 2½-inch pots.

Grown to plant—not to sell. Surplus over our own planting requirements. Not rooted cuttings, but well established plants from 2½-inch pots.

RAMBLERS & CLIMBERS

	Per 1,000
American Pillar—Pink, clear white eye, yellow stamens, single flower	$30.00
Baltimore Belle—Blush white	25.00
Crimson Rambler	25.00
Climbing American Beauty	50.00
Dorothy Perkins—Shell pink	25.00
Excelsa—Red Dorothy Perkins	30.00
Philadelphia—Red	25.00
Queen of the Prairies—Rosy red	25.00
Sodonia—Bright red	30.00
Tausendschon (Thousand Beauties)	25.00
Trier—Creamy white	25.00
Veilchenblau—Violet blue	25.00
White Dorothy Perkins—Pure white	25.00

DWARF POLYANTHA OR BABY ROSES

Anny Muller—Cerise pink	$30.00
Baby Rambler (Mme. N. Lavavasseur), Crimson	27.50
Jessie—Clear glowing red	27.50
Orleans—Geranium pink	25.00
Yvonne Rabier—White	27.50

MOSS ROSES

Blanche Moreau—White	$35.00
Crimson Globe—Crimson	35.00
Princess Adelaide—Pink	35.00

TEAS AND HYBRID TEAS

Gruss an Teplitz—Rich scarlet	30.00
Mamon Cochet—Coral pink	30.00
Yellow Soupert—Yellow	27.50

HYBRID PERPETUALS

Aldred Colomb—Crimson	$35.00
Anne de Diesbach—Pink	35.00
Conrad F. Meyer—(hybrid Rugosa white)	35.00
Coquette des Alps—Blush white	35.00
Coquette des Blanches—Creamy white	35.00
General Washington—Deep red	35.00
J. B. Clark—Deep scarlet	40.00
John Hopper—Rosy pink	35.00
Marchioness of Lorne—red	35.00
M. P. Wilder—Crimson	35.00
Mme. Georges Bruant — Hybrid rugosa white	35.00
Mme. Gabriel Luizet—Silvery pink	35.00
Mme. Plantier—White	30.00
Mrs. R. G. S. Crawford—Pink	35.00
Oakmont—Peach pink, free flowering	35.00
Prince Camille de Rohan—Deep maroon	35.00

JACKSON & PERKINS COMPANY
NEWARK, NEW YORK

FORCING ROSES.

Grafted strong 3-inch.

	Per 100	Per 1,000
Hoosier Beauty	$35.00	$300.00
Sunburst	12.00	100.00
Ophelia	15.00	130.00
Hadley	15.00	120.00
Milady	12.00	110.00
Mrs. Geo. Shawyer	12.00	110.00
Aaron Ward	12.00	110.00
Killarney	12.00	110.00
White Killarney	12.00	110.00
Killarney Brilliant	12.00	110.00
Richmond	12.00	110.00

VAUGHAN'S SEED STORE.
CHICAGO, NEW YORK.

ROSES.

Own Root Plants; Immediate Delivery.

	100	1,000
Mrs. F. F. Thompson. The Shell-pink Sport of Shawyer	$30.00	$250.00
White Shawyer and September Morn	30.00	250.00
Ophelia, Fine Stock	15.00	120.00
Prince d'Arenberg	12.00	100.00
Killarney Brilliant	12.00	100.00
Madam E. Herriot	12.00	100.00
Irish Fire Flame	12.00	100.00
Mrs. Chas. Russell	12.00	100.00
Sunburst	10.00	80.00
Mrs. Geo. Shawyer	8.00	70.00
Lady Hillingdon	8.00	70.00

CHAS. H. TOTTY,
MADISON, NEW JERSEY.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	7.00	60.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO.

ROSES.

OWN ROOT ROSE PLANTS.

	100	1,000
White Killarney, 3-inch	$7.00	$60.00
Richmond, 2½-inch	6.00	50.00

BENCH PLANTS.

Pink and White Killarney, one, two and three years old, $50 per 1,000.

A. T. PYFER & CO.
30 East Randolph St., Chicago, Ill.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Russell rose plants. We offer extra fine grafted stock of this variety at $14 per 100. Weiland & Risch, 154 N. Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

EXTRA FINE SALVIAS.
3-in., $6 per 100; 4-in., $8 per 100.
NICK REDING.
6731 Ridge Boulevard, Chicago, Ill.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

SEEDS.

Vaughan's flower seeds for summer sowing: Asparagus plumosus nanus, 100 seeds, 50c; 250 seeds, $1; 1,000 seeds, $3. A. Hatcherii, 100 seeds, 75c; 1,000 seeds, $7. A. Sprengeri, 100 seeds, 15c; 250 seeds, 25c; 1,000 seeds, 75c; 5,000 seeds, $3; oz., 50c. Calceolaria Hybrida, choice mixed, trade packet (1,000 seeds), 50c; 3 packets, $1.35. Cineraria, Vaughan's Columbian mixture, trade pkt. (500 seeds), 50c; 3 trade pkts., $1.40. Gloxinia Hybrida, Columbian mixture, pkt. (1,000 seeds), 50c; 3 pkts., $1.25. Vaughan's Seed Store, Chicago and New York.

PANSY SEED—Giant strain, new crop, $4 per ounce. Common varieties, $2 per ounce. ERNEST ROBER, WILMETTE, ILL.

Seeds, growers of choice varieties of peas and beans. John H. Allan Seed Co., Sheboygan, Wis.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, beet, carrot, parsnip, radish and garden peas. S. D. Woodruff & Sons, 82 Dey St., New York and Orange, Conn.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

VEGETABLE PLANTS, all varieties delivered to you prepaid. Cabbage, Lettuce, Beet, 100, 30c; 1,000, $1.25; 10,000, $10. Cauliflower, S. Potato, 100, 30c; 400, $1; 1,000, $2.25; 5,000, $10. Celery, Pepper, Tomato, Egg Plant, Asters, Pansies, etc. Catalogue. GLICK SEED AND PLANT FARM, Smoketown, Pa.

Vegetable plants—Cabbage: Early Winningstadt, Wakefield, Henderson, Early Summer, etc., $2.50 per 1,000. Cauliflower, Early Paris and Snowball, $5 per 1,000. Tomato plants: Earliana, Jewell, June Pink, Perfection, Stone, Dwarf Champion, Acme, etc., $2.25 per 1,000. Alonzo J. Bryan, Washington, N. J.

TOMATO PLANTS, transplanted stocky plants, Chalk's Early Jewel, Bonny Best, Atlantic Prize, Earliana and Stone at 50c per 100; $4.50 per 1,000; in lots of 5,000 or more, at $4 per 1,000. Cash with order. West Hill Greenhouses, Wm. Schwan & Son, Fredonia, N. Y.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready now, $2 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express 75c per 500; $1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

VINCAS—FINE STOCK.

500 Variegated, 2-inch	$ 2.50
1000 Variegated, 3-inch	6.00
200 Variegated, 4-inch	12.00
200 Green, 2-inch	2.50
700 Green, 3-inch	5.00
100 Green, 4-inch	10.00

JOSEPH BANCROFT & SON, INC.,
CEDAR FALLS, IOWA.

Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

Vinca Variegata, 2½-in., $3 per 100; 3-in., $6 per 100; 3½-in., $8 per 100; 4-in., $12.50 per 100. Cash, please. Harry Heinl, West Toledo, O.

VINCA VARIEGATA, 4-inch, strong, 10 to 15 leads, 12 to 18 inches long, $10 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Var., 4-in. pots, $10 and $12.50 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Vinca Variegata, 2½-inch, $3; 3-inch, $6; 4-in., $12 per 100. A. Henderson & Co., 369 River St., Chicago.

VINCA VINES, 3-in., $5 per 100; strong 4-in., $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

Vinca variegata, 4-in., $8 per 100. Jos. H. Cunningham, Delaware, Ohio.

VIOLETS.

VIOLETS CLUMPS, Princess of Wales, full of buds, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.
MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

CYCLONE INSURANCE.

For Cyclone Insurance at reasonable rates, write I. C. PENERY, Vice-President, Farmland, Indiana.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphis, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

HAIL INSURANCE.

For Hail Insurance at reasonable rates, address I. C. PENERY, Vice-President, Farmland, Indiana.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Fertilizers, bone meal, sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

$100 worth of MAGIC BRAND Fertilizers for mixing with your soil will increase your flowering crops $1,000. Chicago Feed and Fertilizer Co., Union Stock Yards, Chicago.

Pipe, 2c per foot. H. W. Boilers, 650 ft. size, $49. Fittings, 2c. Valves, 38c. Cocks, 15c. Set pipe tools, $2.75. W. E. King Co., 115 W. Third St., Cincinnati, O.

Campbell irrigation. Special offer: will ship prepaid, 1 Turbo-Irrigator for covering circle 70 to 100 ft., with movable tripod stand and hose connection for large lawns, etc., for $10; or our Automatic Sprinkler with stand for circle 50 ft., for $3, or the two for $12. J. P. Campbell, 19 Terminal Bldg., Jacksonville, Fla.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

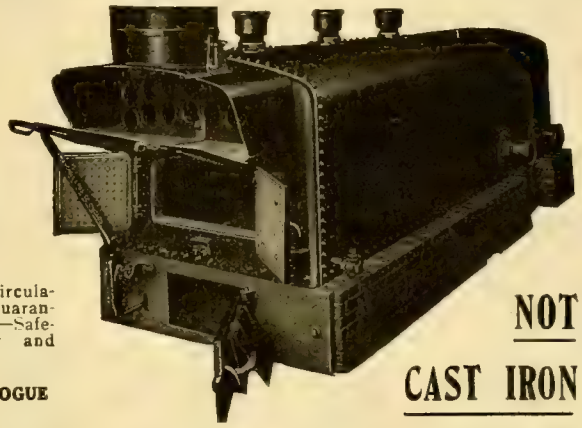
WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

WHICH DO YOU WANT?

CAST IRON BOILERS—FOOL ECONOMY (false ratings, fuel waste, danger of breakdowns, dealers' profits), OR
KROESCHELL BOILERS—FUEL ECONOMY (honest ratings, safety, quick heat, no boiler pits, no dealers' profits).



THE
KROESCHELL BOILER
HAS THE HIGHEST STANDARD OF HEATING VALUES.

Immense Self-Cleaning Heating Surface. Longest Fire Travel—Perfect Combustion—Free Circulation—Thin Waterways—Guaranteed Working Capacities—Safety—Durability Efficiency and Economy.

SEND FOR CATALOGUE

NOT CAST IRON

WHAT THE USERS SAY

Cast Iron Boilers Crack

I want to thank you for your promptness in shipping the boiler I ordered of you on January 13th. **I had a breakdown, one of a battery of two cast iron boilers cracked** so it was impossible to use same, so I got you on the telephone at 8:30 a. m., January 13th, and ordered one of your hot water boilers. Same was put in my boiler room in the afternoon of January 15th, after which we built foundation and connected up. Since that time the boiler has **taken care of same glass heated by the two cast iron boilers** doing the work easier and better in every way.

ANDREW BATHER,
Clinton, Iowa.

Kroeschell Bros. Co, 452 W. Erie Street, Chicago, Ill.

Los Angeles.

J. J. Reeves, of the Beverly Hills Nursery, predicts that carob is to be the coming street tree for this section. Mr. Reeves must be complimented on the general appearance of the nursery and the lath houses. In the nursery all rows of stock are straight, no weeds between rows, soil all well cultivated and something growing on every foot of ground. Pot and tub plants under lath are all specimen plants and are artistically arranged. Both are great selling helps for the salesman and are convincing to the purchaser.

The West Indian Gardens, at Altadena, Calif., state the business in the sub-tropical fruit trees has been very good for the season just closing. Their fields and lath houses verify the statement, being nearly cleaned out. The different varieties of avocado, the feijoa, the sapota and many of the other tropical and sub-tropical fruits are steadily increasing in demand.

H. J. Scherer, who is well known in southern California in the horticultural field and who has been connected with the Roeding & Wood Nursery Co., Los Angeles, for some time, on June 1, assumed the position vacated by the resignation of G. E. Elster. From his wide experience in the nursery business there is no doubt as to his success. It is Mr. Elster's intention to remain in the nursery business, but not to locate for at least a month, during which time he is to take a vacation, motoring up the coast and spending some time with his parents at Exeter, Calif.

The Jannoch Nurseries, of Pasadena, show increased business by leasing considerable more land adjoining the present grounds. Although a little quiet at this time, P. W. Jannoch looks for big business this coming fall and winter.

"Date Growing, in the Old World and in the New," recently published by Paul B. Popenoe of the West India Gardens, Altadena, Calif., is the only book ever published on date culture. The volume contains over 300 pages, deals in detail with every stage of the operations, from the purchase of land, to the marketing of the crop. Cultivation, fertilization, irrigation, pollenization, artificial ripening, picking, packing, diseases and pests are all given comprehensive treatment and 90 of the most important varieties in the United Sttaes are fully described. It is fully illustrated and is worthy a place on the shelves of every fruit grower.

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Devastating Eelworm Found Again.

The devastating eelworm, or, to give it its scientific name, the Tylenchus devastatrix, has been found again in the Pacific northwest several hundred miles from the point where it was discovered in 1913. This tiny thread-like organism is a member of the great family of nematodes and is remarkably destructive to many forms of bulbous plants. Commercially, its chief importance is due to its ravages in onion fields, but it also feeds to a great extent upon flowering bulbs such as hyacinths, and upon such crops as rye, oats, hemp, potatoes, strawberries, etc. This pest has proved extremely destructive in parts of Europe, particularly in Holland, and in Australia as well. Hitherto, the United States appears to have been practically free from it, but the new infestation in the northwest following upon that of two years ago indicates the existence of danger that it may establish itself here. The devastating eelworm thrives best in moist regions where the temperature varies to a comparatively small extent. These climatic conditions are found in Holland and in the areas in the Pacific northwest where the pest has been discovered. On the other hand, there is reason to believe that this particular nematode will not survive cold winters in which the ground is frozen solid for a considerable depth, or that at least it will not become a serious menace under such conditions.

The devastating eelworm is so small that although under the most favorable circumstances it may occasionally be detected with the naked eye, it is practically certain to escape observation. As in the case of microbes its presence is usually made known only by its effects. The young nematodes hatching from eggs laid in the infested plant feed on the juices and tissues of the plant until it is destroyed. They multiply with extraordinary rapidity so that the bulb soon swarms with them, and they also often find their way into the upper leaves. In the case of the onion, the leaves of the affected plants become swollen and flabby and the bulb soft and puffy. The whole plant has a peculiar stunted and distorted appearance, and ultimately the bulb rots away. If a portion of the bulb or one of the swollen leaves be placed in a dish of water and observed under a magnifying glass, tiny transparent worms may be seen escaping into the water.

Once a crop has become infested with these nematodes there is no known cure. In fact, there is no known way of absolutely eradicating any of the soil-inhabiting, plant-infesting nematodes. The most effective measure is to starve the pest out, either by allowing the land to lie fallow, or by planting it to crops that furnish little or no nourishment to the eelworm. Corn and barley are among the crops recommended for this purpose. It is cheaper, however, to prevent the pests gaining a foothold than to fight them in this way. Any diseased plant should be uprooted and burned at once, and no bulbs or seed should be purchased from localities where the devastating eelworm is known to exist, for the pest is most commonly spread by shipments of infected bulbs and seeds. The eggs and larvae of this species of nematode have been known to revive after having been in a lethargic condition in the upper layers of the soil for years. Once a nematode has gained a footing in a locality it may spread in any number of ways. Running water, the feet of men and animals, and infected plant material blown about by the wind are among the most common means.

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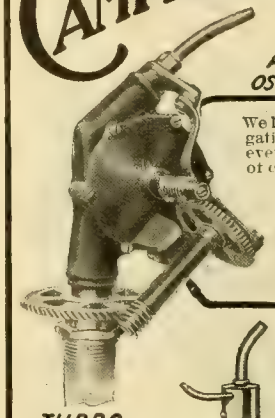

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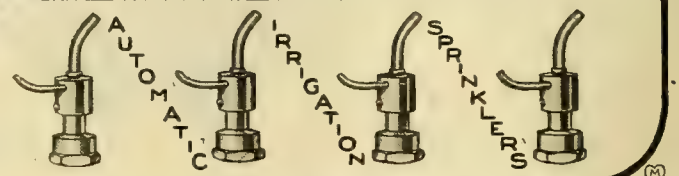

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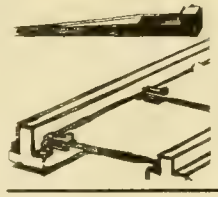

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Meetings of Florists' Clubs.

[Secretaries of clubs and societies are requested to send notice of change in date, time and place of meeting.]

ALBANY, N. Y. — Albany Florists' Club, 611 Broadway. First Thursday of each month at 8 p. m Robert Davidson, Secretary, 139 Second street, Albany.

BALTIMORE, MD.—Gardeners' and Florists' Club of Baltimore, Florists' Exchange hall, St. Paul and Franklin streets. Second and fourth Monday of each month, at 8 p. m. Noah F. Flitton, Secretary, Gwynn Falls Park, Station F, Baltimore.

BOSTON, MASS.—Gardeners and Florists' Club of Boston, Horticultural Hall. Third Tuesday of each month, September to June inclusive, at 8 p. m. W. N. Craig, Secretary, Faulkner Farm, Brookline, Mass.

BUFFALO, N. Y.—Buffalo Florists' Club, Kusting's hall, 385 Ellicott street. First Tuesday of each month at 8 p. m. Wm. Legg, Secretary 889 West Delaware avenue, Buffalo.

CHICAGO.—Chicago Florists' Club. First Thursday after the first Monday of each month, at 8 p. m., in Hotel Bismarck, 175 West Randolph street. Guy W. French, Secretary, Morton Grove, Ill.

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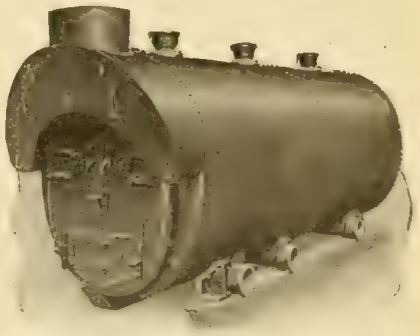

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CHICAGO.—Gardeners' and Florists' Union No. 10615, 232 North Clark Street. Second Wednesday of each month. Louis Heidtman, Secretary, 3610 North Richmond street, Chicago.

CINCINNATI, O.—Cincinnati Florists' Society, Hotel Gibson. Second Monday of each month, at 8 p. m. Alex. Ostendarp, Secretary, 24 East 3rd street, Cincinnati.

CLEVELAND, O.—Cleveland Florists' Club, Hotel Hollenden, Club room B. Second Monday of each month, at 7:30 p. m. Frank Friedley, Secretary, 95 Shaw avenue, East Cleveland, Ohio.

DAVENPORT, IA.—Tri-City Florists' Club. Second Thursday of each month, in Rock Island, Moline and Davenport, alternately. Wm. Goos, Secretary, Bettendorf, Davenport.

DAYTON O.—Dayton Florists' Club, 37 E. Fifth street. First Tuesday of each month, at 8 p. m. Horace M. Frank, Secretary, 112 South Main street Dayton.

DETROIT, MICH. — Detroit Florists' Club, Bemb Floral hall, 153 Bates street. First and third Monday of each month, R H. Wells, Secretary, 827 Canfield avenue, Detroit.

DOBBS FERRY, N. Y.—Dobbs Ferry Horticultural Society, Odd Fellows hall. Second and fourth Saturday of each month. B. Harms, secretary, Dobbs Ferry.

HARTFORD, CONN.—The Connecticut Horticultural Society, County building, Hartford. Second and fourth Friday of each month at 8 p. m. Alfred Dixon, Secretary, 25 Wilcox street, Wethersfield, Conn.

HOLYOKE, MASS. — Holyoke & Northampton Florists' and Gardeners' Club, meets with its members upon the notice of the secretary, the second Tuesday of each month at 7:45 p. m. James Whiting, Secretary, French Hall, M. A. C., Amherst, Mass.

INDIANAPOLIS, IND.—State Florists' Association of Indiana. First Tuesday of each month. Annual meeting second Tuesday in January. Meetings held in different parts of the state. Oliver Steinkamp, Secretary, Rockwood avenue and Thirty-eighth street, Indianapolis.

LAKE FOREST, ILL.—The North Shore Horticultural Society, City hall. First Friday of each month at 8 p. m. E. Bollinger, Secretary, Lake Forest.

LAKE GENEVA, WIS.—Lake Geneva Gardeners and Foremen's Association, Horticultural hall First and third Tuesday of each month. Raymond Niles, Secretary, Lake Geneva.

LENOX, MASS. — Lenox Horticultural Society, Town hall. Second Wednesday of each month at 7:30 p. m. J. Carmen, Secretary, Lenox.

LOS ANGELES, CALIF.—Los Angeles County Horticultural Society. First Tuesday evening of each month, at 237 Franklin street. Henry W. Kruckeberg, Secretary, Los Angeles.

LOUISVILLE, KY.—The Kentucky Society of Florists. First Wednesday of each month, Masonic Temple. August Baumer, Secretary, Masonic Temple, P. O. Box 295, Louisville.

MILWAUKEE, WIS.—The Milwaukee Florists' Club, Kurtz Bros., Third and State streets. First Tuesday of each month. Eugene Oestreicher, Secretary, North avenue and Fifty-fifth street, Milwaukee.

MINNEAPOLIS, MINN. — Minneapolis Florists' Club, usually at Rice Bros., 218 North Fifth street. First Tuesday of each month, at 8 p. m. Wm. J. Vasatka, Secretary, 3340 Chicago avenue, Minneapolis.

MINNEAPOLIS, MINN.—Minnesota State Florists' Association. Meets third Tuesday of November, February and April. Place decided on by the Executive Committee. Gust. Malmquist, Secretary, Fair Oaks, Minneapolis, Minn

MONTREAL, QUE.—Montreal Gardeners' and Florists' Club, Montreal Floral Exchange, 140 Mansfield street. First and third Monday of each month, at 7:45 p. m. W. H Horobin, Secretary-Treasurer, 283 Marquette street, Montreal.

MORRISTOWN, N. J.—Morris County Gardeners' and Florists' Society, Masonic Hall. Second Wednesday of each month, except July and August, at 8 p. m. Edward Reagan, Secretary, 139 Madison avenue, Morristown.

NEWARK, N. J.—Essex County Florists' Club, Kreuger Auditorium, 25 Belmont avenue. Meets third Thursday of each month. John Crossley, Secretary, 37 Belleville avenue, Newark, N. J.

NEWARK, N. J.—Wein. Obst & Gartenbau Verein, 15 Newark street. Second and fourth Sunday of each month, from 3 to 5 p. m. Peter Caille, Secretary, 111 Avon avenue, Newark.

NEW LONDON, CONN.—The New London Horticultural Society. Second Thursday of each month, at 8p. m., at 38 Main street. J. M. Humphrey, Secretary, New London.

NEW ORLEANS, LA.—Gardeners' Mutual Protective Association, 114 Exchange alley. Second Sunday of each month, at 2 p m. John Parr, Secretary, 4539 North Rampart street, New Orleans.

NEW ORLEANS, LA.—New Orleans Horticultural Society, Association of Commerce Building, cor. St. Charles and Common streets. Third Thursday of each month, at 8 p. m. C. R. Panter, Secretary, 2320 Calhoun street, New Orleans.

NEWPORT, R. I.—Newport Horticultural Society. Music hall. Second and fourth Tuesday of each month. William Gray, Secretary, Bellevue avenue, Newport.

NEW YORK—New York Florists' Club Grand Opera House building, Eighth avenue and Twenty-third street. Second Monday of each month at 7:30 p.m. John Young, Secretary, 53 W. 28th street, New York.

NEW YORK.—Horticultural Society of New York at American Museum of Natural History. Second Saturday of each month, unless otherwise announced, at 4:30 p. m., November to April; other months at Botanical Garden. Geo. V. Nash, Secretary, N. Y. Botanical Garden, Bronx Park, New York.

NORWICH, CONN.—New London County Horticultural Society, Buckingham Memorial. Second and fourth Monday, January, March, April and May. Frank H. Allen, Secretary, 321 Main street, Norwich.

OMAHA NEB.—Omaha and Council Bluffs Florists' Club, Court house, second Thursday of each month, 8 at p. m. Howard R. Morgan, Secretary, 1903 Farnam street, Omaha.

ORANGE, N. J.—New Jersey Floricultural Society, J. O. W. A. M. hall. First Monday of every month, at 8 p. m. George W. Strange, Secretary, 84 Jackson street, Orange.

PHILADELPHIA, PA.—Florists' Club of Philadelphia, Horticultural Hall, Broad street, above Spruce. First Tuesday of each month, at 8 p. m. David Rust, Secretary, Philadelphia.

PITTSBURGH, PA.—Pittsburgh Florists and Gardeners' Club, Fort Pitt Hotel, 10th st and Penn avenue. First Tuesday of each month, at 8 p. m. H. P. Joslin, Secretary, 7202 Perrysville avenue, Ben Avon, Pa.

PROVIDENCE, R. I.—Florists and Gardeners' Club of Rhode Island, Swartz hall, 96 Westminster street. Fourth Monday of every month at 8 p. m. William E. Chappell, Secretary, 333 Branch avenue, Providence.

ROCHESTER, N. Y.—Rochester Florists' Association, 95 Main street east. Second Monday of each month at 8 p. m. H. B. Stringer, Secretary, 47 Stone street, Rochester.

SAN FRANCISCO, CAL.—Pacific Coast Horticultural Society. First Saturday of each month, at Sachem hall, Redmen's building, 240 Golden Gate avenue, at about 8:15 p. m. W. A. Hofinghoff, Secretary, 432 Phelan building, San Francisco.

ST. LOUIS, MO.—St. Louis Florists' Club, Odd Fellows' hall No. 2. Second Thursday of each month. J. J. Beneke, secretary, 1216 Olive street, St. Louis.

TERRE HAUTE, IND.—Terre Haute Florists' Club. First Thursday of April, July, November and January, at the Chamber of Commerce, at 8 p. m. N. B. Stover, Secretary, 118 South Sixth street, Terre Haute.

TACOMA, WASH.—Tacoma Florists' Association, Maccabee hall, Eleventh and C streets. First and third Thursday of each month. F. H. Atchison, secretary, South Fiftieth and East F street, Tacoma.

TORONTO, ONT.—Gardeners' and Florists' of Ontario, St. George's Hall, Elm street. Third Tuesday of each month, at 8 p. m. Geo. Douglas, Secretary, 189 Merton street, Toronto.

WASHINGTON, D. C.—The Florists' Club of Washington, D. C., 1214 F street, N. W. First Tuesday of each month, at 8 p. m. C. L. Linz, Secretary, 635 Tenth street, N. E., Washington.

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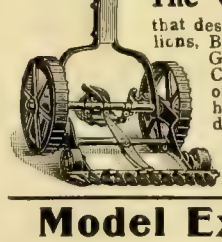

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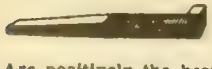

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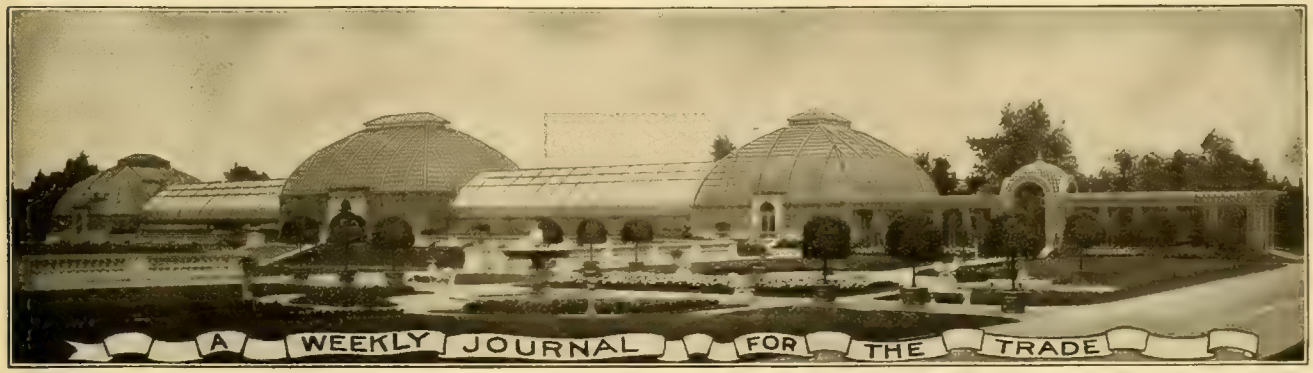

America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

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ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at Minneapolis, Minn., August 24-27, 1915. THOS. WALLIS, Chicago, President; BELLETT LAWSON, JR., Elmwood Cemetery Chicago, Ill., Secretary-Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June 19-20, 1915, at Boston, Mass. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

Washington Rose Garden Dedicated

Inspection and Ceremony at National Capitol, June 2.

Rain Christens Arlington Test Grounds.

In response to the invitation of the American Rose Society, a goodly company of its members and other lovers of the rose journeyed to the capital to inspect the national rose test garden and participate in the ceremony of its dedication, which took place Wednesday, June 2. There were twenty-seven visitors registered, coming from Boston and other eastern points, New York, Philadelphia and Baltimore. In addition were a number of the Washington florists and various members of the United States department of agriculture. The weather was ideal in some respects; there was no dust, no hot asphalt streets, no wilting of collars; but, on the other hand it was a day of rain coats, galoshes and umbrellas, for the heavens were opened and it poured all day long. Such conditions, however, were not sufficient to dampen the ardor of these earnest rose enthusiasts who motored out to the garden and spent an hour inspecting the blooms that had not been beaten into the mud by the steady rainfall and the strong wind which accompanied it.

The garden is some two acres in extent, one half of which is laid out in longitudinal beds, between which are turf paths. One or more of these are planted with the different types or species of the queen of flowers. Section one, contains the Polyantha or baby rambler type; next come several beds given up to the hybrid teas; then the teas, after which come the hybrids. The mosses are given a section, as are the rugosas and the briars. The ramblers are numerously represented, having a place on the light wire fence that marks the enclosure, and others are tied to stakes in the test beds. There are between four and five hundred different varieties now planted out, a number of the sorts being so numerous as to make one or two rows across a plot. All are labeled, but not very conspicuously—a large broad wooden label half an inch thick, painted white, has a raised letter aluminum name plate tacked on top and following the rounder contour of the label. One has to look very close to decipher it.

The plants were for the most part strong and vigorous, some sorts being exceedingly well developed. A raised mound in the middle of the side next that which is to be the extension, will, when the garden is completed be its center and contain a pagoda or summer house. It is also intended to add ornamental features as the roses grow, so as to finally make this one of, if not the must beautiful, garden of its kind in this country. A short distance away is what is called the perfume garden, where there is planted about half an acre of roses in variety, whose flowers are large and very fragrant, and are gathered and pressed for the oil. This experiment is to give data to encourage the making of perfumery in this country.

The Arlington farm, or test garden, contain an immense number of plants in hundreds of varieties, peaches, apples, pears, being planted side by side for comparison. One plot of over 300 varieties of strawberries was seen; another of 300 sorts of irises; thousands of peonies in great variety filled a section. In fact there appeared to be no end to the quantity and variety of plants under test, from all of which careful records are kept and filed for reference, available to any interested person. An interesting feature of the perfume garden was the original specimen of the Wichuraiana hybrid rose, raised by Dr. Van Fleet and named in honor of himself by the authorities. It is a beautiful variety.

A feature of the farm is a model house and barn, surrounded by beautiful lawns, laid out with a wide drive way and with shrubbery beds and some climbing roses giving life and color to the scheme. The barn is made of cement slabs to make it as fireproof as possible. The idea is to present a modern building plan for the small farm that will cost no more to erect than other styles that lack beauty and are not so roomy and efficient. The decoration and plan of

the grounds greatly enhance the appearance of the place. It is the intention of the department of agriculture to have in the farm house, as far as possible, all the conveniences to be found in city mansion of like size. The surroundings are to be made beautiful with shrubbery and flowers together with well laid out grounds, all of which is done to make the farmer and his family, find in their home the comfort and independence that is so often sought for and seldom found on the farm.

United States. He told of the influences of roses and other flowers in everyday life and declared that every man that plants a flower garden is a public benefactor.

Wm. A. Taylor, chief of the bureau of plant industry, United States department of agriculture, who represented the secretary of agriculture, accepted the plants for the government. He spoke of the stabilizing effect of flowers in farm life and said a farmer becomes more attached to his home when he has a flower garden and plants about his lawn. The department, he stated, would do all they could to encourage such ornamentation, so as to make the farmer and his family satisfied with their chosen calling.

WASHINGTON ROSE TEST GARDEN.

View Across the Garden.

Returning to the city the dedication exercises took place in the large lodge room, 1214 F street. There were about 60 gentlemen present. Wm. F. Gude welcomed the delegates on behalf of the Washington Florists' Club and introduced the president of the American Rose Society, Wallace R. Pierson, who thanked the members of the society for the support they had given him the past year. He spoke of the modest beginning of the first test garden at Hartford, Conn., which had been of great interest to the trade. The municipal rose garden there, he said, was the finest in America. From this, other trial grounds had been established at Ithaca, N. Y., Minneapolis, Minn., and this great garden in Washington. The problem of handling these grounds had been solved by appointing local committees for each garden. Robert Pyle, of West Grove, Pa., is chairman of the Washington committee and he introduced him to conduct the meeting. Mr. Pyle declared that the garden which was to be dedicated, and in fact, referring to the rain, christened that day, would become in fact, as well as in location, the national rose garden of the country. District Commissioner Louis Brownlow then welcomed the delegates. He spoke of the growing interest in the national capital for gardens and stated that the commissioners stood ready to aid in every way movements of this kind. Mr. Pierson then made formal presentation to the government of the roses now growing in the test garden, stating how they had been donated by rose growers residing in all parts of the

W. A. Mulford, in charge of the experimental farm, explained the plans that had been made for the rose testing garden. He outlined the beds and told of the positions of the various varieties. The turf paths have been planted with various grass seeds to determine which were the best for the purpose. The added improvements as the garden grew in extent were outlined, the ornamental features touched on, and the garden of the future pictured, was most beautiful.

David Fairchild, in charge of the foreign plant and seed distribution, was chiefly interested in the development of hardy roses that can be grown in almost any yard of the country. He stated that the department stands ready to obtain for experimental purposes, any new species of the rose of which it learns; no matter where growing or how difficult to reach, it would if possible, be brought here and its good qualities tested. Agents of the United States are continuously traveling in all parts of the world, investigating new species of vegetables, fruits and flowers, sending or bringing home anything of merit.

Peter Bissett, of the division of foreign plant distribution, also promised that if any new species of rose was known of that could not be obtained through commercial channels, the department would do their utmost to obtain it for trial in this country. Dr. Van Fleet, a noted hybridizer and originator of new roses, notably the Wichuraiana hybrids, American Pillar and Silver Moon, was called on and predicted great things in the future. George Field, the father of the American Beauty, expressed his pleasure at being present. The dedicatory address was made by Wm. F. Gude, whom Mr. Pyle introduced as a general in the rose growers' army of America. Mr. Gude spoke of the uplifting influence of flowers in the betterment of mankind; a fine start had been made in the movement for a natural rose garden and it was up to the florists of the country to make it a garden of beauty that will be a credit to the nation and a place of pilgrimage for all lovers of flowers. He also spoke of the great results obtained through the efforts

ROSE WICHURAIANA HYBRID.

Dr. Van Fleet's Original Plant.

WASHINGTON ROSE TEST GARDEN.

Taking Notes in Hybrid Tea Section. E. Allan Peirce, Wm. F. Gude, L. J. Reuter, Adolph Gude.

of Representative Carlin of Virginia in making the Arlington farm accessible by the addition of good roads. He hoped that the work would go on with increasing interest, working up a love for the rose all over the country, until a "rose for every home and a bush for every garden" would become a fact.

David Fairchild, of the department of agriculture, gave some interesting facts in reference to rose species, referring particularly to the species from China, Rosa Hugonis and Xansina as being very hardy, coming from a latitude very similar to this country. These two sorts seemed to open the same kind of vista as the old India species. Rosa gigantea, single white, with flowers six to seven inches in diameter, was a wonder. He passed around two Lumiere color plates, showing these Chinese species in flower. Mr. Pierson also spoke of the splendid work of the American hybridizers in their crosses of Wichuraiana hybrids, and the great results that are to be expected in the future with the introduction of new species that promise even more wonderful results.

Secretary Benjamin Hammond, of the American Rose Society, saw great results from the work of that organization, stating that it had already much to its credit and would continue the work by means of exhibitions and in every way assist in cultivating the love for flowers. No man who planted flowers ever did a neighborhood any harm. The perfected national rose garden, he said, would be the beauty spot that would always be visited by the June brides on their honeymoon trips to the capital. A standing vote of thanks was given to the Washington gentlemen who had done so much to make the visit of the delegates a success.

At the close of the meeting the entire party motored to "Twin Oaks," the home of Mr. and Mrs. Chas. J. Bell, where after a reception by Mrs. Bell, who was a most gracious hostess, and partaking of refreshments, an inspection of the rose garden was made. A series of arches over the walk to the greenhouse, about two hundred feet from the mansion, each planted with a different variety of ramblers, many of them in full flower, was a grand sight, and the arch of Tausendschon was loaded with blossoms and wonderfully beautiful. Another of a single bright pink called Luchstien, was very floriferous and showy, as was a long hedge of the same. Mrs. A. G. Bell, a pink seedling, raised by Peter Bissett, covers one of the arches; it has not been sent out and appears to be a very valuable variety. A summer house, an arbor covered with several varieties, was a feature. The garden contained quite a large collection of hybrid and hybrid tea roses, which with their wealth of bloom made a beautiful display. In spite of the disagreeable weather the visitors thoroughly enjoyed the visit and will ever remember this beautiful spot and its charming hostess.

The Washington brethern, led by the Gude brothers, were untiring in their efforts to provide for the comfort of the visitors. They had planned a visit to Arlington cemetery, an automobile tour through the zoo gardens, Rock Creek park and the environs of Washington, but which had to be given up on account of the inclement weather. E. Allan Peirce, L. J. Rueter and Robt. Kift, who stayed over the next day, were given the pleasure of this trip by the Messrs. Gude, being taken on an extended tour of the city by these gentlemen. Fred Cramer is another of the live wires of the national city, to whom a visiting brother of the craft is always of special interest; only the best is good enough, and no money, except that which passes through his hands, is negotiable. Long life to them all. The gentlemen attending were S. S. Pennock, Alfred Burton, A. Farenwald, Victor Groschens, Chas. E. Meehan, Stephen Mortenson, Edward J. Fancourt, J. G. Eisele, Geo. D. Clark, G. C. Watson, Robert Kift, all of Philadelphia, Pa.; E. Allan Peirce, Alfred E. Robinson, Luther A. Breck, Sheldon A. Robinson, G. H. B. Breckett, of Boston, Mass., the last four gentlemen motoring from that city; Wallace R. Pierson, and Alexander Cummings, Jr., Cromwell, Conn.; L. J. Rueter, Westerly, R. I.; Benjamin Hammond, Beacon, N. Y.; R. J. Leimer, Hyattsville, Md.; Robert Pyle and Antoine Mintzer, West Grove, Pa.; George W. Hess, Peter Bissett, George Field, A. Gude, W. R. Gude, and A. Pollin, Washington, D. C. K.

PHILADELPHIA, PA. — A greenhouse 31x301 feet to cost $3,400 will be erected at 5701 North Rising Sun avenue for Thomas Tausy.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Flowers for Commencements.

The custom of presenting bouquets to the fair graduates on class days and at commencements has long been in vogue, and while at times it has met with opposition from school and college officials on account of the trouble in their correct distribution and the expense entailed by some not able to bear it, the practice still prevails, and can be said to be quite as much a feature as at any time in the past. Flowers are forbidden in some school exercises and have to be sent to the homes of the scholars; in other schools all club together, the graduates adopting a class flower, and by giving the order to one florist, get a quantity discount. The bouquets are then all alike, and there is no jealousy on account of some being larger or handsomer than others.

The standard commencement bunch is generally a loose cluster of carnations or roses in all medium grades, or American Beauties. Sweet peas are also popular. They are often adopted as a class flower, and large bunches of these are almost sure to be seen at commencement time. Where class or school colors are hard to carry out with flowers, it is best to have them select a suitable variety which can be made up and tied with the school or college ribbons and are then generally acceptable. A positive man, who knows the school business, can meet a committee, delegated to do something almost impossible, and by pointing out the difficulties of their plans and selections, substitute something just as effective and more suitable, and which he knows there will be no trouble to procure in quantity. The bouquets, tied with school or college ribbons, can be made of almost any popular flower and come pretty near to filling the bill. A good sample line of college ribbons is a great help in landing orders and should always be on hand in the ribbon case.

Bouquets for these occasions should always have individual boxes; when lying around subject to drafts, they soon present a wilted appearance, but keep fresh when enclosed in the box until wanted for use. Baskets are also popular, particularly those with zinc linings, which hold water or very wet moss, and flowers will keep almost as well in these as in vases of water. Many are what might be called vase baskets, as they will hold quite long stemmed flowers. A basket of this kind, with its high handle and ribbon decoration, is very effective. Snapdragons, which are now very fine and as cheap as roses, arrange splendidly in baskets of this kind. At times the order is for corsages, tied with the class colors. Sweet peas are the best flowers for this purpose; the roses or carnations snap off so easily if not wired, and this is generally objectionable. Many baskets that have become shopworn can be painted or gilded up and worked off in the commencement demand. They should all have tins, which, if not in stock, can often be secured at the house furnishing stores at low prices, the pressed stock sizes of pudding pans or tin buckets, being very often suitable for the purpose. Where school colors are not necessary, a showy bow of ribbon to match or contrast with the flowers, tied to the handle of the basket, is worth the expense in the better finish it gives to the piece. When there is not, owing to price, much leeway for ribbon, a chiffon may be used, together with corsage ribbon of the same or good contrasting color. This is often very effective and is as satisfactory as the higher grades of ribbon.

Care should be taken in orders for these large occasions, that the names of the persons to whom they are directed are written plainly, so as to be read at a glance. If possible a receipt obtained from the head usher or other person having charge of the bouquets should be secured. This is of great help if some of the flowers should not be delivered to the proper persons, and puts the blame where it belongs.

K.

CHARLES GEBHARDT AND WIFE.

The Well Known Lake Geneva, Wis., Gardener and Mrs. Gebhardt Celebrated Their Silver Wedding Anniversary June 7.

SPOKANE, WASH.—A petition in bankruptcy listing liabilities of $4,095 and assets of $1,630 has been been filed by Pasquale Garquilo, florist.

CHRYSANTHEMUMS

Planting Commercial Stock.

The month of June is the planting season for the commercial cut flower stock and is a busy time for the chrysanthemum grower. Preparations should now be under way to get everything about the houses in condition to receive the plants; all cleaning and repairing both of the house and benches should be attended to. After attending to these matters our next consideration is that of the soil. Chrysanthemums respond readily to liberal treatment and will grow vigorously in a rich soil, but often to the detriment of fine flowers, by exhausting their strength early in the life of the plant by making an overabundant growth of foliage and stem. The aim then should be to prepare the soil rich enough to encourage the plants to make a sturdy, active growth naturally from the start and without any degree of forcing or softness. There will be plenty of time to gradually add more feed as the growth of the plants develop and they are able to take care of it, as well as reap a greater benefit from it. For the same reason (to encourage a sturdy growth) a firm soil is better for chrysanthemums than a light one. Should the soil at the grower's command not be heavy enough, a little clay mixed through it will benefit it greatly. We have to follow this method with most of the soil we use and are able to get good results thereby.

The question of adding a little fine bone meal to the soil at time of planting is in favor with most growers, while others claim the plants are not greatly benefited by it. We scatter a fine dusting of bone over the surface of the beds, then mix it through the soil with a spading fork, after which the beds are leveled off and firmed down ready for planting. Under our treatment we find the bonemeal a great help to the plants' growth.

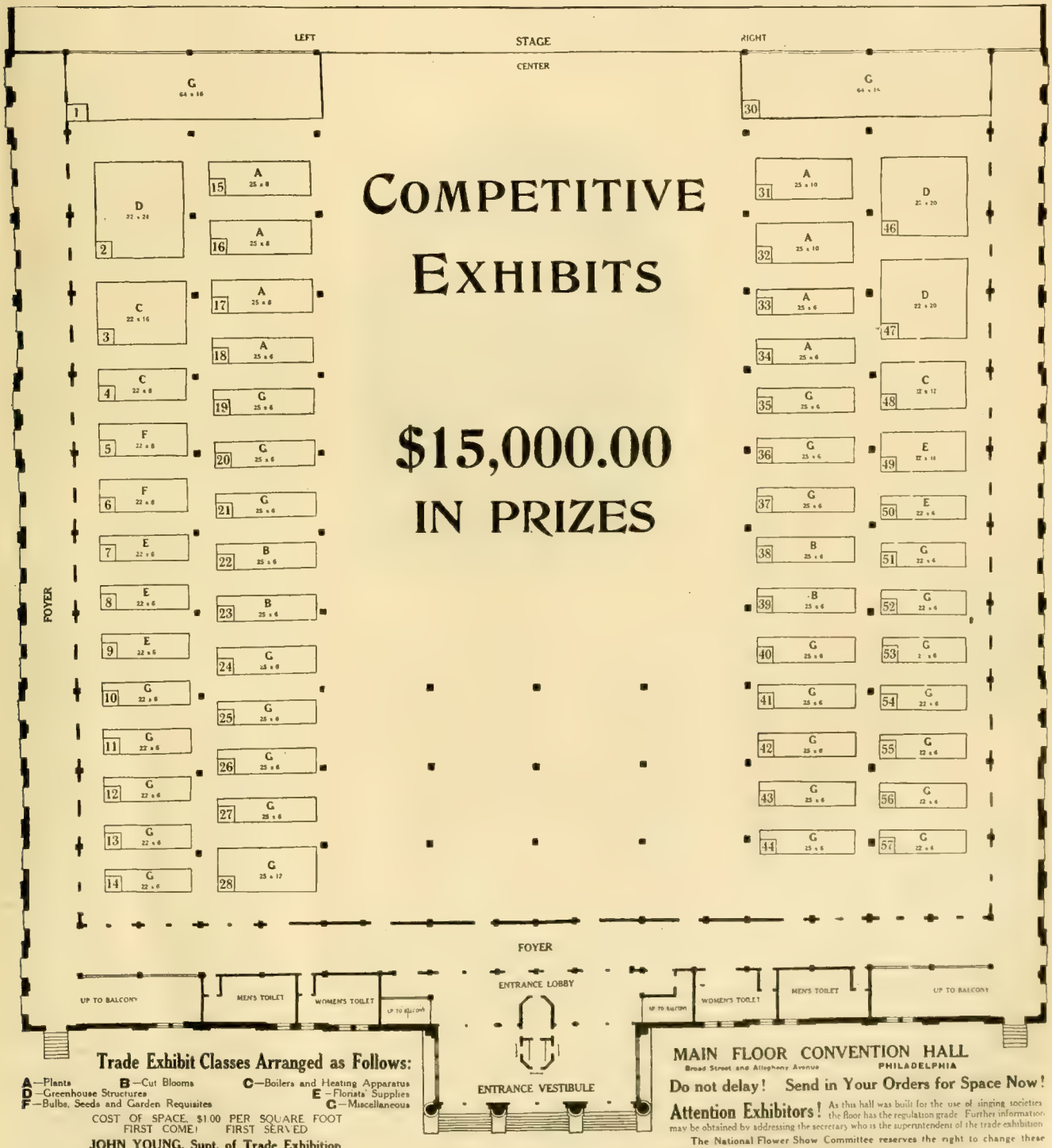
The varieties of the exhibition section (if not already planted) should receive first attention; then those of early flowering section should be taken care of. The growing season from now to time of setting their buds is not any too long for these early varieties, and any delay in planting will retard their time of maturing considerably. The very early varieties, Smith's Advance and Golden Glow, if wanted for summer flowering, must now be well along in growth. It does not pay the grower with limited space at his command to bother with these very early flowers; the waste during the hot weather is so great that unless he has a special purpose for the summer blooms, they do not pay him to grow them and he will do better to buy from the large grower.

One of the main things to consider when mapping out the plan of plantings is the head room from the bench to the glass, so that each variety, according to the height it grows, can be properly taken care of, and it is better to allow an extra foot of room for the plants' growth, so that the blooms can develop without crowding up against the glass. Polly Rose, Comoleta, Pink and White Ivory are the dwarfs among the early varieties and need 3½ to 4 feet of head room. October Frost, Alice Salomon, Yellow Salomon, Glory of Pacific, Unaka, Chrysolora, Donatello, strong plants of

Fourth National Flower Show

Convention Hall, Broad Street and Allegheny Avenue

PHILADELPHIA, MARCH 25---APRIL 2, 1916



Trade Exhibit Classes Arranged as Follows:

A—Plants **B**—Cut Blooms **C**—Boilers and Heating Apparatus
D—Greenhouse Structures **E**—Florists' Supplies
F—Bulbs, Seeds and Garden Requisites **G**—Miscellaneous

COST OF SPACE, $1.00 PER SQUARE FOOT
FIRST COME! FIRST SERVED

JOHN YOUNG, Supt. of Trade Exhibition
53 WEST 28th STREET, NEW YORK

MAIN FLOOR CONVENTION HALL
Broad Street and Allegheny Avenue PHILADELPHIA

Do not delay! Send in Your Orders for Space Now!

Attention Exhibitors! As this hall was built for the use of singing societies the floor has the regulation grade. Further information may be obtained by addressing the secretary who is the superintendent of the trade exhibition.

The National Flower Show Committee reserves the right to change these plans in any respect if found to be necessary.

these varieties, planted early in this month, will attain a height of 4 to 5½ feet; so arrange the plantings accordingly.

Following after the early varieties should come those of the mid-season section, which for best results should all be planted by June 15. Many of the best of the standard varieties of this section will under generous treatment attain a height of more than six feet, so that eight feet is not any too much head room for their best growth.

The planting of the late varieties will come after the others are taken care of, they being now in various stages of growth as small plants, but they should not be neglected by allowing them to remain too long in small pots to get hard and woody or become drawn by standing too crowded on the benches.

It is a good plan to arrange the planting of the midseason varieties in sections according to the height of their growth and the period of their maturing, so that the taller varieties will not exclude the light from the shorter growers, and when a bench of blooms are ready for cutting, it can be cleaned out entirely. The distance apart to plant the plants depends on the variety and growth; varieties with small foliage like Ivory or Golden Eagle can be planted close, six to eight inches apart, but those of stronger growth and heavier foliage must be given seven to nine or eight to ten inches of space. A great deal depends on the location of the bench; if it is situated so that there is free air circulation all around and permits of the plants being worked from both sides of the bench, they can be planted closer than when the bench has one side abutting up close to the side of the building, and can only be reached from one side.

Another very important part of the work is to keep the plants clean of insects by constant sprayings with the insecticide, it being very much less of a job to rid the plants of these pests while they are small and keep them clean, than it is to wait until they have made a heavy growth before tackling them.

Directly after planting our greatest care is in the watering, caution being necessary to see that the plants do not receive too much water before root action has taken well hold of the soil. Do not flood the beds at time of planting, but water the plants in at the roots only, leaving the rest of the soil in the beds until the roots commence to work into it, giving them fresh soil to work into until well established, when the beds can be well watered as needed. To give the plants a good start and keep them in active growth, syringe two or three times a day during very hot weather.

As soon as the plants attain sufficient size to need supports, the work of staking and tying up should be attended before the growths become crooked or damaged.

As quickly as the plants get into active growth again, the side shoots will begin to branch out. They should receive attention as soon as large enough to handle and be kept rubbed out to throw all the strength possible into the main growth of the plant.

Keep the beds clean of weeds, which will not be long in making their appearance in the new soil; also, remember that chrysanthemums need full sunlight and plenty of air at all times.

C. W. JOHNSON.

A London Tulip Show.

A great show of Darwin and Cottage tulips was held May 14 at the Royal Horticultural Society's hall, Westminster, London, Eng., and was well attended. The show was really the culmination of trials that had been held at the society's gardens at Wisley, and of a conference on nomenclature and classification held the previous day. It is, I believe, the first time, at least for 30 years or so, that an exhibition has been devoted entirely to the tulip, and this in itself indicates the importance in which the flower is held today in England. The date of the exhibition naturally precluded many of the earlier varieties so well known for bedding out purposes from being shown, as most of them were already beyond their best.

As an exhibition, the tulip was a little disappointing from the spectacular point of view. There was a general heaviness about the staging of many of the exhibits, and the blooms did not gain in attractiveness by being dumped into short vases. The stems bent over, and the flowers thus lost much of that charm which is one of their chief attributes in the flower garden when growing naturally. The best method of staging tulips apparently was that adopted by Dobbie & Co. of Edinburgh, Hogg & Robertson of Dublin, Barr & Sons, Covent Garden, and R. Wallace & Co., Colchester. With slight variations, these firms displayed their blooms in bamboo or tin stands, with many tubes branching from a central stem, and running up to two or three feet in height. Owing to the long stems of the Darwins, the blooms of these stood well above the foliage, which was present in practically every case. Nevertheless, even this arrangement looked somewhat bare, and it was evident that the numerous sprays of Aspaargus Sprengeri added to the vases in Dobbie & Co.'s exhibit gave a gracefulness and charm to their display that was lacking in the others. On the whole, it may be said that tulips do not display themselves so attractively on the exhibition table as they do in the garden. They seem somehow to lose that life and color that one admires so much when they are actually flowering in the open air. In the case of other plants, the sweet pea for example, that look more or less disheveled when growing naturally, a great improvement is noticeable when they are cut and artistically staged.

The Late H. J. Weber.

As to varieties, these were numerous, and one could not help noticing that two or three names were often given to the same or to a very similar variety. If this duplication of names can be reduced, the conference on nomenclature will perhaps not have been in vain. Among the best scarlets and crimsons, mention may be made of the following: Farncombe Sanders, Prof. Francis Darwin, Scarlet Perfection, Hitchcock, Flambeau, North Dakota, The Tester, and Glare of the Garden. The best pinks were Clara Butt, Julia, alata, Inglescombe Pink, Psyche, and Baronne de la Tonnaye. The yellows were best represented by Bouton d'Or, Inglescombe Yellow, Parisiana, Mrs. Keightley, Avis Kennicott, Lady of the Lake, Ellen Willmott, Yellow Queen. Whites were not very conspicuous, the best being White Swan, Dora, Cygnet and Innocence. Deep colored varieties were present in large numbers, many of them having a peculiar glistening sheen on the petals. The best deep maroon and dark varieties were Philip de Commines, Fra Angelica, Sultan, Zanzibar, Leonardo da Vinci, Zulu, and of course, La Tulipe noire—a name made famous by Alexander Dumas' famous novel of that name. Heliotrope shades, deep violet, and wine purple ones were also in evidence, but it would occupy too much space to enumerate any but the most striking varieties. The names mentioned may help American growers to realize what seems to be the most popular varieties in England, although of course tastes differ considerably according to geographical conditions.

W.

HYDE PARK, MASS.—John McNeil, 87 Glenwood avenue, is building one house.

PAWTUCKET, R. I.—Two old houses on the Fred Hoffman range will be rebuilt this summer.

ROCHESTER, MINN.—Dr. C. H. Mayo is building three greenhouses 25x82 feet, Foley construction.

MARION, IND.—A branch salesroom has been opened in the up-town section by George Hutton, West Sixth avenue florist.

LOWELL, ARIZ.—Harry Sealey reports excellent Memorial day sales. Wreaths, cut flowers and pot plants were all in demand.

OTTAWA, ONT.—Local florists have been very busy with unusually brisk demand for veranda boxes and hanging baskets.

INDEPENDENCE, IA. — Improvements being made at the range of Bland & Steinmetz on East Main street include new greenhouses.

SALEM, O.—The Joseph E. Bonsall greenhouse property will be sold by order of the court. James McNeelan has been appointed receiver.

DES MOINES, IA.—"Flower Box Week" was inaugurated May 24 by installation of 70 flower boxes on the electroliers in the business district.

MILWAUKEE, WIS.—Greenwald & Son have purchased the greenhouses and residence property of Nic Zweifel, who will retire from active business and spend some time in rest and travel.

Grand Rapids, Mich.

CUT FLOWER AND PLANT DEMAND LIVELY.

The season here, as elsewhere in the lake region, is late and there is yet considerable outdoor planting to be done. The Memorial day demand for cut flowers and bedding stock was excellent and fortunately there was a good local supply in all lines. Bedding stock is well cleaned up and in some cases it has been necessary to supplement the local supplies of leading items like geraniums from out-of-town sources. Last week the state convention of Elks was held in this city and attracted many visitors. This, in addition to the usual run of planting-out, with June weddings and funerals, gave the local craft all they could handle to advantage. Most of the stores were handsomely decorated for the occasion and the hotels and other places of entertainment made some demand upon the trade for holiday adornment. On the whole, the florists seem fairly well satisfied with conditions although some of them say the general business of the city is not up to the average.

Henry Smith had a fine lot of stock in both cut flowers and plants for the Memorial day business. Carnations at his green-houses are still producing good blooms in large quantity. Mr. Smith has the material on the ground for rebuilding two of his houses this summer. Foreman George Collins has started to clean out the benches for the young stock of which he has a fine assortment in roses, chrysanthemums, carnations, snapdragons, etc., ready to plant.

BY THE WAY.

Eli Cross had the work of decorating the Elks' hall for the festivities last week, which was done in his usual tasteful style. Eli has a good supply of lilies on hand and his daily cut now includes some fine blooms of the new rose Ophelia. He has purchased glass for two new houses, each 18x300 feet, but he has not yet decided upon the right time to build.

In years past this city and vicinity has been famous for its violets, commanding the highest prices in western markets. The disease caused many growers to discontinue this crop but some of them are planning to try it again on a moderate scale this year, probably planting Mary Louise and Princess of Wales.

The Grand Rapids Floral Co. has some fine benches of swainsona and several houses of Comet tomatoes in splendid crop.

Freyling & Mendal have an attractive display of good stock and their business this spring has been highly satisfactory.

John Nellist is making specialties of winter and summer-flowering sweet peas under glass with quite satisfactory results.

H. W. Allersma has had a fine lot of geraniums this season for which there has been good demand.

Visitors: Harvey E. Kidder, of the Ionia Pottery Co., Ionia, Mich.; Stephen D. Green, representing H. Bayersdorfer & Co., Philadelphia, Pa.

ATLANTA, GA.—R. I. Gresham, of the C. A. Dahl Co., florists, is in the East gathering ideas in flower shop construction to be used in a model flower store to be opened on Peachtree street.

LAKE GENEVA, WIS.—Chas. Gebhardt and wife celebrated their silver wedding anniversary June 7, all members of the family present. A large number of friends from Chicago and elsewhere joined them in the celebration. The tokens of the occasion were numerous and beautiful. Mr. and Mrs. Gebhardt have the best wishes of a large circle of friends in the trade who were not aware of the event.

OBITUARY.

William C. Martin.

William C. Martin, a retail florist, with a store and residence at 284 Graham avenue, Brooklyn, N. Y., died very suddenly June 1 on the base ball grounds of Ebbets Field, Brooklyn. A game was being played between a Philadelphia and a Brooklyn team. At an exciting stage of the game, when Brooklyn tied Philadelphia, Mr. Martin, with others, stood up to cheer. At that moment he was stricken and fell. A doctor soon reached him, but could do nothing, saying he had died instantly of heart disease, superinduced by excitement.

Mr. Martin was born at Sparkhill, N. Y., 44 years ago, most of his life having been spent in Brooklyn, where he was well known as well as in the wholesale district of New York. He was a member of several benevolent societies.

The Late Charles Krueger.

He is survived by a widow and four children, the oldest being a boy 14 years old; the three younger are girls. He is also survived by his mother and other relatives. A. F. F.

Mrs. Katie Bommersbach.

Mrs. Kate Bommersbach, wife of Nicholas Bommersbach, well known florist of Decatur, Ill., died at the family residence in that city, June 2, aged 59 years. She had been in failing health for several months, but her condition was not regarded as serious until three weeks before her death.

Mrs. Bommersbach was born in Indianapolis, Ind., November 15, 1855. With her husband, she came to Decatur in 1881. Both were experienced florists and they started a small greenhouse. They built up a large business and their greenhouses are now among the most extensive in that part of the state. She was a partner in the business and being a lover of flowers, she put her whole heart into the work. The success of the business is largely due to her efforts. In her home life she was a neighborly woman, kind and charitable and always doing something to relieve the sufferings of the unfortunate.

She is survived by her husband and one son, John N. Bommersbach, also a florist.

Henry J. Weber.

Henry J. Weber, 74 years old, founder of the H. J. Weber & Sons Nursery Company at Nursery, Mo., St. Louis county, died June 3 following an illness of more than a year. He was one of the pioneer residents of St. Louis county, having lived at Nursery since his birth. Mr. Weber probably was the only man in the United States who called Gen. U. S. Grant "Sam." He was a warm personal friend of the noted soldier and former President and aided in building the now famous Grant cabin, which has been preserved by August A. Busch on the Grant farm.

Five years ago Mr. Weber retired from business and turned over the nursery, which is at Gravois and Weber roads, to his sons. He is survived by his widow and the following children: Frank, William, George, Walter, Mrs. Amelia Keller and Mrs. Anna Aff.

W. F.

Mrs. Edward J. Welch.

To the many friends of Mrs. Edward J. Welch, wife of Edward J. Welch of Welch Bros. Co., Boston, Mass., the announcement of her death, May 25, after a brief illness, came as a severe shock. She was stricken with pneumonia the day preceeding the funeral of her son, Edward Welch, Jr., who died May 17 of the same disease, as recorded in our issue of May 22. Mrs. Welch leaves a husband, two daughters and one son.

The funeral was held at St. Mark's church May 27, with interment in Calvary cemetery, Roslindale, and was largely attended. Floral tributes in profusion bore evidence of the high esteem in which she was held by a host of friends. The heart-felt sympathy of the entire trade goes out to Mr. Welch and his family in their deep sorrow.

Charles F. Krueger.

Charles F. Krueger, aged 41, died Friday, June 4. The deceased had been in poor health for some time, having been incapacitated for business for the past three months. He conducted the Reading terminal flower stand in the Philadelphia & Reading railroad station at 128 Market street, Philadelphia, Pa. He was formerly engaged in raising plants and flowers, in both of which enterprises he was quite successful. He was of a genial disposition, a good business man, an active member of the Florists' Club of Philadelphia; also of the S. A. F., and generally attended the conventions.

K.

Mrs. Ida Baer.

Mrs. Ida Baer, wife of Henry Baer, one of Peoria's most prominent carnation growers, died very suddenly June 2 of heart failure.

Interment took place Sunday, June 6, at the Lutheran Cemetery, near the Baer home. Besides her husband she leaves to mourn her loss, seven children, the youngest being less than one year old. Mr Baer has the sympathy of a large host of friends in his bereavement.

MOYLAN, PA.—Alfred C. Elkinton will erect a greenhouse, 24x41 feet.

SIOUX CITY, IA.—Preparations are being made by the city for the erection of a greenhouse in Riverside park, to cost $9,000.

AURORA, ILL.—The Gray Seed Tape company, of Plano, Ill., has outgrown its quarters in that city and has leased a part of the old Acorn Brass building in Stone avenue. The entire plant will be moved to this city from Plano.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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BURLAP is scarce owing to the difficulties of ocean transportation.

TINFOIL prices will be higher, lead having advanced during the past 10 days about one cent per pound.

Peony Show Postponed.

Owing to the lateness of the season it has been decided to postpone the annual meeting and exhibition of the American Peony Society, announced for June 12 and 13, to Saturday and Sunday, June 19 and 20, at Horticultural Hall, Boston, Mass.

Society of American Florists.

DEPARTMENT OF PLANT REGISTRATION.

Public notice is hereby given that as no objection has been filed, the registration of Canna City of Portland, by Conard & Jones Co., West Grove, Pa., becomes complete.

June 5, 1915.

JOHN YOUNG, Sec'y.

Cleveland Chrysanthemum Show.

The one flower show of national importance to be held in the fall of 1915, is to be the Cleveland flower show, November 10-14 in the sixth city. This is the strong announcement we have received from the publicity committee which is working to exploit this forthcoming event.

Frank A. Friedley of the Eadie Company, Cleveland, general secretary of the show committee and also chairman of the exhibition committee, informs us that because of the almost unlimited space in the Coliseum, his committee will have room to stage all the entries received without crowding.

This announcement is of interest because of the fact that the annual exhibition of the Chrysanthemum Society of America is to be a part of the Cleveland flower show. Mr. Friedley states that the Cleveland Coliseum contains over 65,000 square feet, all on one floor and is one of the largest exhibition halls in the United States. It is also interesting to learn that its location is in the heart of the retail shopping district and convenient to the hotels and clubs.

The show committee is at work on plans to organize specially conducted parties to travel on special trains from the east and west and promise to announce the details of their plans in the very near future.

Panama-Pacific Exposition Notes

The Palace of Horticulture, with its five acres of floor space in the building proper, and nine acres of outside gardens, has been one of the distinct features of interest to visitors since the opening of the exposition. One novelty that commands close attention is a model cannery, which shows the processes of fruit preparation from the moment the fruit is taken from the tree until it is delivered to the table of the housewife.

Probably not in the entire exposition is there any individual feature that calls for expressions of more spontaneous pleasure than does the orchid house. The display here at all times is valued in the thousands, and on the opening day of the exposition the value of the orchids shown in this room was conservatively estimated at $30,000.

The outside display of The Netherlands occupies an acre and a half, in which are shown the many plant forms for which Holland is world-famous. Particular attention has been given to hyacinths, tulips, daffodils, azaleas, rhododendrons and conifers. The Holland gardens are now in full bloom and present a glorious vista.

The rose competition has brought entries of growers from France, England, Ireland, America, Scotland and Germany, the latter nation being represented by Peter Lambert, of Trier, whose shipment of roses, after pursuing a very devious route through the war zone, finally arrived at the exposition in splendid condition. There are about 30 varieties in the Lambert shipment.

The elaborate and beautiful display made by Cuba is always a magnet that attracts throngs of visitors in the Palace of Horticulture. This occupies the space beneath the great central dome, and included in this display are two splendid microcyus. These majestic ferns are between 1,000 and 2,000 years of age. In this main exhibit are also sixteen royal palms, four cocos plumosa and two cocoanut trees, in addition to a great showing of advanced and tropical floriculture of great rarity.

Massachusetts has an elaborate garden in which carnations, dahlias, conifers and bulbs are featured.

The flag staff at the Oregon building, a Douglas fir, floats the "stars and stripes" 241 feet above the ground. It was cut from a tree grown near Astoria. It weighs 46 tons and would produce enough lumber to build five ordinary eight-room houses.

Rudd-Arnold Wedding.

Miss Helen M. Rudd and R. Mortimer Arnold, of Galesburg, Ill., were married at the home of the bride, Blue Island, Ill., by Dr. Campbell, of the First Presbyterian Church, Galesburg, June 5, and will spend the honeymoon in the vicinity of Lake Champlain. The house was handsomely decorated for the occasion and white stokesias were the principal flowers used in the bride's bouquet. The bride will be remembered by visitors to the Niagara Falls and Cincinnati conventions of the Society of American Florists when she assisted her father, Willis N. Rudd, as secretary of the national organization. Mr. Arnold is a lawyer-farmer of Galesburg and prominent in the affairs of that college town, where the couple will be at home after October 1 at 1550 Cherry street.

San Francisco Hotel Rates

The following is a list of San Francisco hotels and rates issued by the S. A. F. hotel committee for the information of those who will attend the annual convention at San Francisco, August 17-19, 1915. For further information regarding reservations, etc., write Frederic J. Bertrand, care of Joseph's, 233 Grant avenue, San Francisco, Calif.

Hotel and Location	Rates for One Person		Rates for Two Persons		For Am. Plan Add Per Person
	With Bath	Without Bath	With Bath	Without Bath	
Argonaut, 44 Fourth St....	$2.00 to $3.00	$1.00 to $2.00	$3.50 to $5.00	$1.50 to $2.50	.....
*Baldwin, 321 Grant Ave..	2.00 to 4.00	.....	2.50 to 4.50	.....	.....
Bellevue, Geary at Taylor..	4.00 to 6.00	.....	5.00 to 7.00	.....	$2.00
*Clift, Geary at Taylor St..	2.50 to 4.00	.....	4.00 to 6.00	.....	2.00
Court, 555 Bush St.....	2.00 to 6.00	1.00 to 4.00	2.50 to 7.00	1.50 to 5.00	2.00
*Fairmont, Calif. at Mason.	4.00 to 7.00	.....	7.00 to 10.00	.....	.....
Golden West, 112 Powell St.	2.00 to 3.00	1.50 to 2.50	2.50 to 4.00	2.00 to 3.50	.....
Geodfriend, 245 Powell St..	2.00 to 5.00	1.50 to 3.00	2.50 to 6.00	2.00 to 3.50	.....
Granada, 1000 Sutter St....	3.00 to 4.00	2.00 to 3.00	4.00 to 5.00	3.00 to 4.00	2.00
Inside Inn, at Exposition.	2.50 to 5.00	1.50 to 2.00	4.00 to 7.00	3.00 to 4.00	.....
Lankershim, 55 Fifth St...	2.00 to 4.00	1.50 to 2.00	2.50 to 5.00	2.00 to 3.00	.....
Manx, Powell at O'Farrell.	2.00 to 3.00	2.00 to 3.00	4.00 to 5.00	3.00 to 4.00	.....
Palace, Market at Montgy..	3.00 to 7.00	2.00 to 2.50	5.00 to 10.00	3.50 to 4.00	.....
Plaza, Post at Stockton...	2.00 to 6.00	1.50 to 3.00	3.50 to 7.00	2.50 to 4.50	2.00
Stanford, 250 Kearny St...	2.00 to 2.50	1.50 to 2.00	3.00 to 3.50	2.50 to 4.00	.....
Stewart, 353 Geary St.....	2.50 to 4.00	2.00 to 3.00	4.00 to 6.00	3.50 to 4.00	2.00
St. Francis, Geary at Powell	3.00 to 6.00	2.00 to 4.00	5.00 to 10.00	3.50 to 7.00	.....
*Hillcrest, 1200 California.	1.50 to 2.50	.....	2.00 to 3.00	.....	2.00
Turpin, 17 Powell St.....	2.00 to 3.00	1.50 to 2.00	3.00 to 6.00	2.00 to 4.00	.....
Victoria, 598 Bush St....	2.00	1.50 to 2.00	2.50	2.00 to 2.50	.....
Washington, Grant at Bush	1.50 to 2.00	1.00 to 1.50	2.50 to 4.00	1.50 to 2.00	.....

*No rooms without bath.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman: can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—By good saleslady and designer; can furnish the best of references. Address Key 527, care American Florist.

Situation Wanted—Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address Key 502, care American Florist.

Situation Wanted—German, 28 years of age, with 15 years' experience, wants private or commercial place, single, good references. Address K. 10516 Indiana Ave., Chicago, Ill.

Situation Wanted—Good all-around storeman is open for engagement; Chicago or middle west preferred; state full particulars in first letter. Address Key 526, care American Florist.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter. Key 504, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—Gardener, single, experienced in all branches, desires a position on a large private or commercial place. Can come well recommended. For further particulars, address Key 506, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability, 12 years' experience. A 1 reference. Can come at once. State salary and particulars. Address Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower, principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—Saleslady and designer for Chicago loop store. Address Key 521, care American Florist.

Help Wanted—A grower with commercial experience, married man, small family. Salary $700.00 to $800.00 per year and quarters.
A. T. ERWIN, Iowa State College, Ames, Ia.

Help Wanted—Two single young men to grow chrysanthemums and other pot plants. Must understand the business thoroughly, and take charge. State salary and experience.
METAIRIE RIDGE NURSERY CO. LTD.,
New Orleans, La.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address Key 523, care American Florist.

For Sale—Heating plant and glass for small greenhouse. M. E. TRIMBLE, Warren, Pa.

For Sale—Greenhouse and store; established cash trade. 50x125 ft. of ground. Address J. NELSON, 1749 Huron st.

For Sale—Good as new panel top Overland delivery car. $500.00 cash. Big bargain. Write quick. Guaranteed. Key 512, care American Florist.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address Key 513, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address B. HINRICHS, Racine, Wis.

For Sale or Trade—Flower store for sale, or trade for lots or greenhouses; five living rooms in rear of this store; large barn and yard; rent, $35 a month; good location. Lots or greenhouses must be near Chicago. Key 522, care American Florist.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms
A. J. WOOLCOCK, Wilmette, Ill.

For Sale—Greenhouse with office; about 5000 square feet of glass, nearly new; including 5 room house; with 215 feet front by 175 feet deep. Well stocked; near 5 cemeteries where most of the stock is sold. Electric cars pass the office every ten minutes. Heated by hot water system. Reason for selling; owner retiring. Address 2248 S. Meridian St., Indianapolis Ind.

For Rent—From July 1st. Greenhouses—plant consisting of 10 000 square feet; hot water bar, cottage, work room sixty by twenty. Houses well stocked and in first class condition; with good retail trade. Town of 35,000. Place in city on paved street; all improvements. Reason for renting; owner retiring. Apply
GEORGE H. BOND, New Brunswick, N. J.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober. Key 510, care American Florist

Wanted to Lease—After June 1st, by experienced business man with capital, retail greenhouses in good condition, with privilege to buy; state full particulars. Box 136 Newmarket, N. J.

Wanted To Buy—Live retail place with clear title. One thousand cash balance easy terms. State particulars. Box 136 Newmarket, N. J.

Wanted to Rent—By experienced florist, greenhouse plant; or handle on commission. Will give real estate security. State all particulars in first letter. Address Key 496, care American Florist.

Wanted to Rent—Greenhouse; no stock; 20 or 30 feet wide by 100 feet long; state particulars: New Jersey, New York State or Connecticut preferred. Address Key 515, care American Florist.

Growers Read This

Advertiser wants to buy or rent a large range of greenhouses within a reasonable shipping distance of Chicago. Don't write unless you want to talk turkey right away. Curiosity seekers need not answer. Address
Key 516, Care American Florist.

FOR SALE

A range of 25 000 square feet of glass with 3 acres of land. Modern 7-room dwelling, well furnished. Greenhouses well stocked. An established local trade. Reason for selling, ill health of the head of the firm. For terms and further particulars, call or write.

JOHN M. HUNTER & SON, Englewood, N. J.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

PRESENT DEMAND

IS FOR

BEDDING PLANTS

AND STOCK FOR

WINDOW BOXES

AND

LAWN VASES

ADVERTISE THEM NOW

The Season is Short

THE AMERICAN FLORIST, 440 S. Dearborn St., Chicago

Wichita, Kan.

MAY BUSINESS FAIRLY GOOD.

The month of May just passed stands as one of the wettest on record—eight and a quarter inches of rain, so distributed as to interfere so seriously with planting operations that some of it will go undone until fall. Much of the florists' outdoor planting for their own use is three weeks overdue and not yet accomplished. Notwithstanding this handicap, the month shows a fair bulk of business—and most lines are fairly well cleaned up in bedding stock of all kinds.

Memorial day week was rainy until Saturday. This interfered with local planting, and with the heavy crop of spring roses and other yard flowers, made quite a cut in local business, although the florists still had all they could do comfortably and a sale volume fully up to last year. Roses, peonies, lilies and jasmine were in ample supply, with carnations practically cleaned up on booked orders. There was fair sale of magnolia, cycas, and laurel wreaths; also, other artificial cemetery goods.

NOTES.

At the recent city election, W. F. Schell, proprietor of the Wichita Nurseries, was elected commissioner of parks and public buildings, and will doubtless find in the city park system ample opportunity for the exercise of his talent as an experienced nurseryman.

Alvin R. Davidson, an old-time Wichita florist, but for past five years with H. A. Hall of Joplin, Mo., is visiting relatives here. C. M. Weintz, a florist of Pueblo, Colo., is also visiting the craft in this city, and spying out for a permanent situation.

Chas. P. Mueller has added an auto truck to his delivery service, making a total of three machines in this department. Frank Mueller of the store force spent the week following Memorial day visiting in Oklahoma.

C.

Boston.

TRADE OUTLOOK NOT ENCOURAGING.

Business during the past week held up remarkably well for the week after Memorial day. There was a shortage of stock owing to the cool, cloudy weather and prices consequently held up. Roses found a fairly good market and sold from $1 to $16 per 100. Hadley, Russell, Ophelia, Wards and Medium American Beauties were in heaviest demand. Carnations held up well also. Prices on these ranged from $2 to $4 per 100. Sweet peas were plentiful and prices on them far from satisfactory. Toward the end of the week the general trade seemed to slacken, and the outlook for the coming week is not very bright.

NOTES.

Wednesday evening, June 2, a few of the friends of Thos. F. Galvin tendered him a banquet to commemorate his fiftieth anniversary in the business at the Copley Plaza hotel. There were about 100 present, among whom were some of the leading men in the trade, as well as in political and legal lines. The meeting was presided over by Patrick Welch, and Judge Hoitt of Nassau, N. H., was toastmaster. Mr. Galvin was presented with a diamond ring, the presentation speech being made by Joseph Pelletier, district attorney of Boston. Among the speakers were Hon. Jos. Conry, John H. Dillon, chairman of the park commission; District Attorney Pelletier, Hon. Jos. H. O'Neill, Col. W. W. Castle, Henry Penn, Jackson Dawson, W. E. Doyle, Wm. J. Stewart and F. R. Pierson. A most enjoyable evening was spent by all who attended.

Penn, the Florist, has an attractive window this week. The window has been designed to represent a country scene with a miniature railroad and train passing around the front. Telegraph poles have been set up and the miniature bill boards, advertising "Penn the Telegraph Florist," are set up on the side of the tracks. Business at the store continues good after the best Memorial day trade during his career.

On account of the cold weather, which has retarded the growth of herbaceous plants, the peony show will be held in conjunction with the rose and strawberry show, June 19-20. The list of entries is above the average and an especially fine exhibition is expected.

Wm. Elliott is cutting from his Brighton range some especially fine Miller roses. Everything at his rose farm at Madbury, N. H., is running smoothly and some very choice flowers are being sent to the market.

Thos. F. Galvin, Boston, Mass.

Celebrated Fiftieth Anniversary, June 2.

The June exhibition was held at Horticultural hall June 5-6. There was a good attendance and the show proved to be extra good. The exhibits of orchids and azaleas seemed to attract the most attention.

Patrick Welch's new store is proving very successful. The reason is very obvious for one glance at his large refrigerator shows that only the very finest flowers obtainable are used.

The Gardeners' and Florists' Club will celebrate ladies' night, June 15. A special programme has been prepared and a most enjoyable evening is promised.

F. L. W.

Montreal.

BEDDING STOCK TRADE HEAVY.

The bedding season is nearly over, but we can confidently say that it has been very good. The orders have been double, compared with former seasons, and the customers more particular, but the volume of business is away ahead of last year. Some of the largest orders were considerably reduced and others were entirely canceled, but the new orders of moderate size more than made up for this loss. The stock on hand at the beginning of the season compared favorably with last year; geraniums are leading by a long shot, but this year there was a big demand for annuals such as asters, stocks, marigolds, cosmos, antirrhinums and petunias. The formal bedding is gradually giving way to the natural way of bedding, produced with such plants as mentioned above.

The cut flower trade has greatly improved since Easter and is nearly back to the level of last year, which means much. There is a scarcity just now of cut blooms. Outdoor bulbs are about done and there is really nothing to take their place. All outdoor tender plants suffered severely May 27-29, by heavy frosts; fruit trees, which were just over a big show of bloom, are badly hurt. All planted tomatoes were killed outright and incalculable damage done to melon, cucumber, and other hotbed stocks. The thermometer registered from four to six degrees of frost in some localities. Province of Ontario is said to have suffered worse than Quebec.

New landscape gardening is very quiet this spring but there is plenty of renewal of old places, with alterations and repair work going on, no doubt encouraged by the existing low wages in the labor market, and consequently lower contracts for the jobs. The Montreal Floral Exchange through its manager, Wm. Cutter, secured a very desirable contract from the Windsor Hotel Co., which ran into three figures, for renewing and decorating the palm rooms.

Cemetery work, which used to be quite a profitable side-line of a number of growers and florists, is almost all in the hands of the cemetery companies. There are so many obstacles put up by these companies that the florists found it impossible to compete and consequently had to leave the field to them.

L.

Columbus, O.

WEDDING ORDERS HELP LULL.

On Memorial day business, the weather man played into the hands of the florist. A week of cool, cloudy weather held back out-door stock to the extent that it did not form nearly the competition that had seemed probable. One peculiarity of the trade was the manner in which it kept up on Monday. Peonies were abundant, but prices were held to the average of other years, 75 cents to $1 being realized without difficulty, and a few choice varieties brought as high as $1.50. Just at present there is a lull in cut flowers, but some good orders are being booked for June weddings, running throughout the month. The crest of the bedding trade has been past, but there is still a good deal doing in that line.

NOTES.

Awarding of prizes in the guessing contest put on by the retail department of the Livingston Seed Company, as to the number of mail order envelopes contained in its show window, disclosed some close estimates. The actual number of envelopes was 61,179, and the guess of the first prize-winner, who received $10 in gold, was 60,000. In all, there were 8,000 guesses, each of which represented a sale. The contest was on from May 15 to June 1. Besides its general impressiveness in showing up the magnitude of the mail-order department, it proved to be a good trade-puller on current business.

As an advertising feature for the wedding season, T. J. Ludwig has in his window a scene showing a bride and groom in the act of being married, the principals and spectators being represented by little manikins.

The Munk Floral Company advertised dollar bargains in the first of a series of Friday "Dollar Day" sales, participated in by nearly all lines of merchants, June 4.

C. C. J.

BALTIMORE, MD.—A new house, 26x80 feet, which will be ready in July, is being built by E. F. Schwartz at his Lauraville range.

Imported Bulbs

French
Japanese
Dutch

AS WELL AS

Bermuda and California Stocks

Bought and Inspected by Our Own Representative.

Offered by us at Rates and Terms to meet any competition.

30 years' record here in the U. S., in the importation of dependable stocks of forcing bulbs with stocks of several reliable growers to choose from, should entitle our offers to most favorable consideration from every American buyer.

Write for Prices.

VAUGHAN'S SEED STORE

NEW YORK CHICAGO

POEHLMAN

72-74 E. Randolph St.,

JUNE WEDDINGS--COMMENCEMENTS

BEAUTIES-VALLEY-ORCHIDS-GARDENIAS-RUSSELL

CURRENT PRICE LIST. In effect June 14.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$3.00
36 inches long	2.50
30 inches long	2.00
20 to 24 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

	Per 100
OPHELIA	$4.00 to $6.00 to $10.00
HADLEY	4.00 to 6.00 to 10.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100
Extra long	$10.00
Long	8.00
Medium	$5.00 to 6.00
Short	3.00 to 4.00

Extra special roses charged accordingly.

KILLARNEY, WHITE KILLARNEY, WARD.

	Per 100
Extra long	$10.00
Long	8.00
Medium	5.00 to 6.00
Short	3.00 to 4.00

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 2.50
30 inches long	2 00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, $4.00, $6.00

CECILE BRUNNER or SWEETHEART ROSE

Per 100 ..... $2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

GARDENIAS ..... **per doz., $2.00 to $3.00**

CATTLEYAS ... ... **per doz., 4.00 to 5.00**

LILY OF THE VALLEY.

	Per 100
Extra fancy	$4.00
First quality	3.00
Second quality	2.00

CARNATIONS, fancy, per 100, $3
Medium ..... " 2

PEONIES

	Per 100
Fancy white	$8
Medium, assorted	6
Small	4

MISCELLANEOUS CUT FLOWERS.

Sweet peas (common)	$0.75 to $ 1
Sweet peas (Spencer)	1
Lilies	12
Daisies	1.00 to 2

MISCELLANEOUS GREEN GOODS.

Mexican Ivy	$ 0
Smilax, ... doz.	$2.50
Sprengeri and Asparagus Sprays	$2.00 to 3
Asparagus Plumosus, per string, 60c	
Adiantum	1.00 to 1
Galax (bronze)	per 1,000 $1
Ferns, new crop	per 1,000 3

Florists' Supplies

French Baskets

Finished in all the colors desired. Order a few today.

24 inches high	$0.60 each
26 " "	.75 "
30 " "	1.00 "

SPECIAL

No. 2 Gauze for Shower Bouquets.

10 yards	per bolt, 1
10 yards, Valley Chiffon, pink and white	per yard,

RIBBONS-To Match all Roses, Orchids, Etc.

SILK TAFFETA.

No. 501

4-in., -	per bolt, $1.67
5-in., -	" " 1.98

SATIN TAFFETA.

Morton.

No. 16 -	per bolt, $1.00	No. 60 -	per bolt, $1.
No. 22 -	" 1.15	No. 80 -	" 1.
No. 40 -	" 1.35	No. 120 -	" 2.

Pearl Headed Corsage Pins

$1.00 Per Gross.

N BROS. CO.

ng Distance Phone, Randolph 35.

CHICAGO, ILL.

Bedding Plants.

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
rnantheras, red and yellow. and **Brilliantissima**	$ 2.50	$23.00
sum, Sweet, 2¼ in.	2.50	20.00
atum, Blue Dwarf, 2¼ in.	2.50	
" " " 3 in.	5.00	
" " " 4 in.	8.00	
nias, Luminosa and Vernon for edding, 2¼ in.	2.50	
in.	5.00	
in.	8.00	
nia, Chatelaine, 2¼ in.	3.50	
in.	8.00	
in.	15.00	
ea Scandens, 4 in., 1.50 per doz.		
is, in variety, 2¼ in.	2.50	
in.	5.00	
liums, Fancy Leaved (Summer elivery) 5 and 6 in. pots. 50c to 1.50 each.		
Miller, for border, 2½ in.	2.50	23.00
aena Indivisa, strong, 3 in.	7.00	
in.	12.00	
in.	20 00	
Geraniums, strong, 3 in.	5.00	
in.	8.00	
. Salleroi Geraniums, 2¼ in.	3.00	
in.	5 00	
sh Ivy, 2½ in.	3.00	
in.	15.00	
sh Ivy, strong 5 in. ......$20.00 to	35.00	
tias, for Bedding & Hang. Baskets.		
ias, Speciosa, Crystal Palace and edding Queen, 2¼ in.	2.50	22.00

	100	1000
Lobelia, Cathleen Mallard (double)	$ 3.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom	2.50	$25.00
If wanted in baskets an additional price will be charged to cover cost of same.		
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in.	3.00	
3 in.	5.00	
Phlox Drummondi, all colors, 2¼ in.	2.50	23.00
3 in.	5.00	45.00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in.	2.50	
3 in.	5.00	
4 in.	8.00	
Smilax, strong new stock, 2¼ in.	2.50	23.00
3 in.	6.00	50.00
Torenia Fourneri, Blue, 2½ in.	2.50	
3 in.	5.00	
Vinca Rosea and **Alba,** 2¼ in.	2.50	
Vinca, variegated and green for boxes and vases, 2¼ in.	2.50	23.00
4 in. ......$12.00 to	15 00	
Verbenas, all colors, 2¼ in.	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in.	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**

Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 50c each. **5 in. at** 50c to 75c each.

Pandanus Veitchi, highly colored, 6 in., $1.25 to $1.50 each. 7 in., $2 00 to $2.50 each.

Boston, Whitmani and Roosevelt Ferns, 7 in. pots, 75c each. 8 in. pots, $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.

Araucarias, Robusta Compacta, large plants, $2.50 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.

Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

	per 100	per 1000
Asparagus Plumosus, 2¼ in.	$ 3.50	$30.00
3 in.	7.00	65.00
4 in.	12.00	115.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

stern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only Booking orders now for future delivery.

Grafted, 2½-inch, at $100.00 per 1000.

Killarney, e Killarney, rney Brilliant, Hadley, Bulgarie, Cecile Brunner, Russell, ready in 3 weeks. Shawyer, Richmond

Own Root, 2½-inch, at $55.00 per 1000.

rie, Hadley, Milady, Sunburst, Richmond

Grafted, 3½-inch, at $140.00 per 1000.

Pink Killarney, White Killarney, Killarney Brilliant, Hadley, Milady, Bulgarie, Cecile Brunner

Own Root, 3½-inch, at $90.00 per 1000.

Pink Killarney, Hadley, Milady, Cecile Brunner, Bulgarie, d'Arenberg

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS.

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Marvella French, late white	$8 00	$70 00
Pauline Anderson, late yellow	8 00	70 00

h these varieties scored 94 points by judges e Chrysanthemum Society of America, at go, and both scored 95 points by the judges e Minnesota State Florists' Association, at eapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Yellow Roses.

We Are Headquarters for Yellow Roses.

EXCEPTIONALLY LARGE CROP OF YELLOW ROSES and OPHELIA. CHOICE STOCK IN ALL LENGTHS

Current Price List

American Beauties	Per doz.
Specials, extra long stems	$3.00
Extra long stems, seconds	1.00
36 in. stems	2.50
24 in. stems	2.00
12-18 in. stems, New Beauties	1.00 to 1.50

Russell.	Per doz.
Extra long	$1.50
Good medium	$0.75 to 1.00
Short	.50 to .60

Ophelia, Rhea Reid, Bulgarie and Shawyer.	Per 100
Extra long	$8.00
Medium	$5.00 to 6.00
Short	3.00 to 4.00

Cecile Brunner.....per bunch, 35c

White and Pink Killarney and Richmond.	Per 100
Long	$8.00
Medium	$5.00 to 6.00
Short	3.00

Yellow Roses, Hillingdon and Sunburst.	
Long	$10.00
Medium	$6.00 to 8.00
Short	4.00

Carnations.	Per 100
Red, White and Pink, extra fancy	$3.00
CARNATIONS, Our selection, in lots of 500 or more, $20.00 per 1000.	
LILY OF THE VALLEY	$4.00
ASPARAGUS SPRAYS and **SPRENGERI**	3.00
FERNS, new Wisconsin....1000, $2.00 to $2.50	
ADIANTUM	1.00
GALAX, bronze and green.....per 1000, $1.00	

ROSES in lots of 500 or more at the rate of $20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

Peonies and Other Seasonable Flowers at Lowest Market Prices.

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STOCK PLENTIFUL.

Business was rather quiet the opening of the week, but is much better at this writing and according to one of the leading wholesalers, trade so far this month has been very good and much better than last year. Stock of all kinds is plentiful and especially fine American Beauty and Mrs. Chas. Russell roses in the desired lengths are obtainable at reasonable prices. Roses in general are in good supply and of good quality, especially Sunburst and Richmond. Some fine Ophelia and Prince de Bulgarie are noticeable, but do not appear to be any too plentiful. Carnations are arriving in larger quantities and are moving fairly well. The receipts of peonies are very large and choice stock in this line is obtainable in large quantities. A large supply of local peonies is now reaching the market and quite a number are being placed in storage this week. Sweet peas are in good supply, but are not moving as well as they might. Orchids are plentiful and the same holds good for gardenias. Gladioli are seen in large quantities everywhere and Cape Jasmine is in good supply. Lily of the valley seems to be plentiful, which also holds good for lilies. There is also a good supply of daisies, water lilies, poppies, pansies, candytuft and other miscelleanous stock offered and the retail florist now has a splendid variety to select from. The rainy weather on Monday, June 7, affected the local demand considerably but shipping orders were plentiful and while business is not as brisk as it might be no one seems to be complaining.

NOTES.

A. Lange and his large force of assistants have been busy with wedding work the past week at his East Madison street store and according to R. J. Mohr, June 3 was the biggest day of all for 12 large decorations fell on that date. Albert Hall, one of Lange's able assistants, has returned from Elkhart, Ind., where he arranged a large home wedding decoration that called for a large amount of stock and which helped to increase the sales considerably.

Buchbinder Bros. never had a larger or finer display of refrigerators than they have now at their store at 518 Milwaukee avenue where everyone is cordially invited to call and inspect same. A complete line of their various styles is always carried in stock and they are now prepared to equip a store complete at very attractive prices.

USE Budlong's Blue Ribbon Valley.

The cool weather throughout the season has been very favorable to the development of trees and shrubs in all the local parks, which look very fine, and planting for the summer bedding display is well advanced at most of them.

Superintendent Wallis of the Rosehill Cemetery, who injured one of his arms in cranking an automobile Memorial day, is able to be at his office, although the injured member is still in a plaster cast.

L. D. McNeff, of the McNeff-Swenson Co., is back from an eastern business trip.

Vaughan's Seed Store reports continued strong demand for all lines of bedding stock.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

NICE CROPS

SUNBURST and RUSSELL ROSES

Plenty for everyone in all lengths and fine quality at the prices quoted below.
Also choice American Beauty, Ophelia, Killarney, White Killarney, Milady and Richmond. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower. **Current Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$4 00
36-inch stems	3 00
30-inch stems	2 50
24-inch stems	2 00
20-inch stems	1 50
15-inch stems	1 00
Short	75

		Per 100
Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Extra select	$8 00
	Select	6 00
	Medium	5 00
	Short	4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$2 00
Select	1 50
Medium	1 00
Short	75

	Per 100
ROSES, our selection	**$3.00**
Carnations	$2.00 to $3.00
Harrisii	10 00 to 12 50
Peonies	4 00 to 8 00
Valley	3 00 to 4 00
Sweet Peas	50 to 1 50
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 50
	40

2,000,000 Feet of Modern Glass

C. L. Washburn, of Bassett & Washburn, and wife will leave some time in July for California, where they will visit E. B. Washburn and O. P. Bassett and families at Pasadena, besides taking in the sights at the Panama-Pacific exposition. Mr. Washburn is advising his customers that there are no afternoon mail deliveries on Saturday during June, July and August, which they should bear in mind, for letters that do not catch the noon delivery will not reach the store until the following Monday morning.

Peter Reinberg is cutting heavily in roses, especially Mrs. Chas. Russell and Sunburnt, but both varieties are moving well and are bringing good prices compared with the other kinds. The shipping trade has been very good the past week and taken all in all business so far this year has been most satisfactory.

N. J. Wietor says that Wietor Bros. are experiencing a brisk demand this week for chrysanthemum and pompon cuttings as well as for cut back stock, and every mail brings in more orders. Some fine roses and carnations are now reaching the store and stock is cleaning up pretty well each day in all lines.

Announcements are out for the wedding of Miss Olive Rebecca Ritchie and Charles Thomas Johnson, son of the well known carnation and chrysanthemum specialist, C. W. Johnson, at the home of the young lady's parents, 1904 Monterey avenue, June 23.

The Fleischmann Floral Co. has had a very good season at its East Jackson boulevard store. J. C. Ashton says that wedding orders especially are numerous this month and that there has been considerable funeral work the past few weeks.

E. C. Amling and family are thinking seriously of taking in the sights at the Panama-Pacific exposition, but if they do they will not leave until late in the fall.

Miss Lillian Smith, the popular telephone operator at Vaughan's Seed Store, has the sympathy of many friends in the loss of her mother, who died June 6.

THE OPEN DOOR TO GREATER PROFITS

PERCY JONES INC.

WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

THE OPEN DOOR TO GREATER PROFITS

ROSES--PEONIES
CARNATIONS
VALLEY--ORCHIDS

Order Here For You Cannot

buy our quality of Flowers elsewhere at a lower price, and YOU CANNOT buy our quality of service elsewhere AT ANY PRICE. Very truly yours,
PERCY JONES.

THE OPEN DOOR TO GREATER PROFITS

THE OPEN DOOR TO GREATER PROFITS

Emil C. Volz, of the department of floriculture, Iowa Agricultural College, visited a number of establishments here last week enroute to Michigan.

Arnold Ringier, of the W. W. Barnard Co., says business holds up remarkably well in all departments for this late date.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

LARGE CROPS

BEAUTIES--ROSES--CARNATIONS

For June Weddings---School Closings

Place your orders with us and get the best stock in this market at the most reasonable prices.

CURRENT PRICE LIST.

American Beauties	Per Doz.
36-in. stems	$4.00
30-in. stems	3.00
24-in. stems	2.50
18-in. stems	2.00
12-in stems	1.00

Pink and White Killarney	Per 100
Extra special	$6.00
Select	5.00
Fancy	4.00
Medium	3.00
Short	2.00

Richmond	Per 100
Extra special	$6.00
Select	5.00
Fancy	4.00
Medium	3.00
Short	2.00

Sunburst	Per 100
Extra Special	$6.00
Selects	5.00
Fancy	4.00
Medium	3.00
Short	2.00
Roses, our selection	**3.00**

Carnations	Per 100
Fancy	$3.00
Good	2.00
Lilies, Fancy—	Per 100, $12.50 to $15.00
Peonies	Per 100, 4.00 to 8.00
	Per 1000
FERNS	$3.50
SMILAX	doz., $2.50
ADIANTUM	1.00
SPRENGERI and ASPARAGUS SPRAYS, per bunch, 50c	

Zalinger & Hirsch had considerable work for the John S. Reynolds funeral, which was held from the Elks' headquarters at 174 West Washington street last week. The late Mr. Reynolds was secretary for the local lodge of Elks for a great many years and practically every lodge in the nearby cities sent a beautiful floral offering.

A. T. Pyfer & Co. are handling regular shipments of Cape Jasmine now and are featuring a fancy grade of sweet peas from the V. Bezdek plant and roses from the Pyfer & Olsem range at Wilmette. H. E. Philpott has returned to Winnipeg after attending the monthly meeting of this firm, of which he is president.

Philip C. Schupp is well pleased with the new rose Ophelia which J. A. Budlong is growing in quantity, and has every reason to be, for the stock that is now reaching the store is magnificent. Once in a while he helps to spade roses, but you hardly ever see him handling any variety but the beautiful Ophelia.

John Propps of the Alpha Floral Co. won a season pass to the White Sox baseball park last week in a drawing, so if he is suddenly taken sick at any time this summer his employer will probably find by consulting the sporting calendar that it will be on one of the days that Comisky's boys are playing here.

George Perdikas says that business has been pretty good at all of his three loop stores this season and that he has no reason whatever to complain of dull times. He is an active member of the Sportsmen's Club of America and attended the big banquet which was held June 4.

Percy Jones will handle boxwood on a larger scale than ever this year and has already contracted for his supply. This firm handles greens of all kinds in large quantities besides a complete line of cut flowers, and enjoys both a good local and shipping trade.

The store known as the White House Florist, 140 South Wabash avenue, always presents an inviting appearance and is a credit to the hustling proprietor, Wm. Kotronis and his wife, who so ably assists him at the store.

Al. Fischer reports business as good at his North Clark street store, but was handicapped somewhat in making deliveries since his new automobile was stolen several weeks ago.

J. C. Craig is enjoying good business at his old stand at 120 South Wabash avenue, where his two sons, Arthur and H. F. Craig, so ably preside.

O. A. Tonner is handling a large quantity of choice home-grown peonies, some of which are coming from the family farm at Galewood.

PEONIES

$3.00 to $6.00 per 100.

Fancy home grown stock and positively the best value that you can get anywhere at $3.00 to $6.00 per 100. Strictly fresh and not cold storage stock.

ROSES---CARNATIONS

Orchids, Valley, Sweet Peas, Lilies and everything else that you need in Cut Flowers. Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. **Chicago**

USE Budlong's Blue Ribbon Valley.

George Mohn's daughter is confined to St. Mary's hospital, where she will be operated upon for nose and throat trouble this week.

The Chicago Florists' Club will meet at the Hotel Bismarck, Thursday, June 10, at 8 p. m.

Joe Bieber and wife left this week to spend the summer at Point Pleasant, Toledo, O.

LARGE SUPPLY

EXTRA FANCY BEAUTIES

CARNATIONS PEONIES
VALLEY ORCHIDS ROSES SWEET PEAS

For Weddings and Commencements.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 Chicago

Poehlmann Bros. Co. is cutting heavily in American Beauty roses and some especially fine stock in this line is to be seen at the store this week. Mrs. Charles Russell roses are also in good supply but are cleaning up nicely each day. Three more importations of palms reached the greenhouses at Morton Grove this week, making the fourth one that has been received so far this season. In speaking of the demand for rose plants August Poehlmann says that many orders have been refused for certain varieties which were sold out early and that what little stock is left now will be easily disposed of. Tony Gabel says that all told Poehlmann Bros. Co. have over 265,000 carnations planted out in the field.

Zeck & Mann are featuring a large supply of fancy indoor grown gladioli this week which are attracting much favorable attention at the store. Allie Zech and wife visited the firm's growers at Maywood on June 6 and report nice crops of American Beauty roses and sweet peas.

A. E. Turner, of Rosin & Turner, Mosinee, Wis., is calling on the wholesale trade here this week. His firm is now shipping a large supply of Wisconsin ferns to this market and it is pleasing to note that the quality is unusually fine for early picked stock.

A. L. Vaughan, of A. L. Vaughan & Co., is back from a successful business trip to Racine, Wis. Peonies in large quantities are seen at this hustling establishment this week and the quality is all that one can desire.

The board of directors of the Chicago Flower Growers' Association held a meeting at their store, 176 North Michigan avenue, Tuesday, June 8, when much important business was transacted.

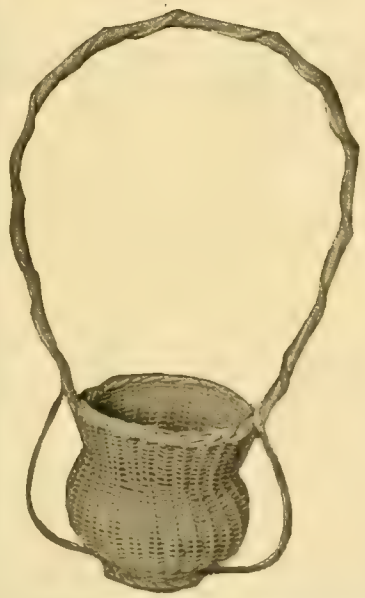
The John Kruchten Co. has installed a new safe this week which leads one to believe that the proprietors are going to handle more money in the future, which means a large business.

E. C. Pruner and A. F. Longren, representing Poehlmann Bros. Co., and Robert Newcomb, with Vaughan's Seed Store, started out on another business trip this week.

A. Miller, with A. Henderson & Co., is back from a business trip to Texas. Guy Reyburn with the same firm is also in the city.

Mrs. Theodore Callos has opened a new store at 58 East Randolph street, one door east of the Perfecto.

BASKET BARGAIN



ASSORTMENT
25
Small Cut Flower Baskets
$7.50

This assortment of 25 small cut flower baskets for $7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect.

Be sure and order your lot today.

Raedlein Basket Co.
713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

LARGE QUANTITIES

HOME GROWN PEONIES

Finest Obtainable. Prices Right.

Sweet Peas--Roses--Carnations--Lilies
Candytuft--Yellow Daisies--Greens

O. A. TONNER

Wholesale Florist

30 East Randolph St., CHICAGO

The Atlas Floral Co. has had some very pretty window displays at its East Randolph street store during the past several months, but the one that Herbert Stone arranged this week was the best of all. A neatly arranged bridal staff basket occupied a prominent place in the display and attracted much favorable attention.

Kyle & Foerster expect to have their second large refrigerator installed in the near future. The strike has hampered them somewhat in finishing up the new store but everything will be rushed along as soon as conditions permit.

The first meeting of the young ladies' association will be held at the home of Miss Marguerite McNulty, June 19.

Robert C. Lang, 3339 North Whipple street, reports good business with a grand clean-up in bedding stock.

Miller & Musser are handling a good supply of poppies which have moved well the past week.

Visitors: John Bauscher, Freeport; John M. Hardyzer, New York, representing H. M. Hardyzer, Boskoop, Holland.

Minneapolis, Minn.

MEMORIAL DAY TRADE BEATS 1914.

Business for Memorial day was better than that of 1914, there being no outside flowers on account of the late frost, and a clean-up resulted. Roses, carnations, gladioli and peonies were shipped from Illinois and many pot plants had to be replaced. All stock sold at top prices. The market at present is cleaning up at satisfactory prices, due to weddings and commencements, which will continue for the next week or two.

CLUB MEETING.

At the regular meeting of the local florists' club held at Rice Bros. June 1 it was decided that the space that was available at the West hotel was not large enough to warrant the expense of a show and the Armory was too large for the outlook for this year. It was therefore decided to wait until next year and have the boys make plans for a monster show in 1916 at the Armory or some other suitable building that may be erected by that time. C. G. Anderson of the Minneapolis Floral Co., was unanimously elected a member of the club. Hans Rosaker gave the club an invitation to come out in August and hold a picnic at his place and bring the ladies; date to be settled later. It was voted to suspend further meetings during July and August. An invitation came from C. G. Anderson to hold the next meeting at the Minneapolis Floral Co.'s range.

NOTES.

The local florists' club now has a very fast baseball team. They played the Federals Sunday, June 6, with the score 16 to 6 in Minneapolis' favor. Rube Daly is captain and John S. Rovick of Rice Bros. is manager. They would like to hear from St. Paul.

Wm. Desmond of the L. S. Donaldson Co. has the planting of the Lyons estate at Lake Minnetonka, which will about clean up that firm's greenhouses of bedding plants.

Visitors: DeForrest W. Ludwig, of the E. C. Ludwig Floral Co., Pittsburgh, Pa.; A. F. Longren, of Poehlmann Bros., Chicago; Frank McCabe, of A. L. Randall Co., Chicago.

John Martins of 2938 Bloomington avenue and Mrs. Hammer were married on June 3. Friends in the trade wish them much joy.

Cal Rice, of Rice Bros., captured 16 black bass one day last week, the average weight being three pounds.

Oscar E. Amundson has a very attractive window display of orchids and sweet peas.

Thos. Lynes had three church weddings one day last week, which kept his force busy.

Northrup, King & Co. have had an unusual busy season with plants this year. T. C. R.

SWEET PEAS

FANCY SPRING BLOOMERS
FOR JUNE WEDDINGS

Grown by our Sweet Pea Specialist,
W. H. Amling.

Bulgaria
Killarney
W. Killarney
K. Brilliant
BEAUTIES
Richmond
Ophelia
Ward
Russell

ZECH & MANN

Sunburst
Maryland
Peonies
Valley
GLADIOLI
Orchids
Lilies
Carnations
Greens

Always Reliable Wholesale Florists
30 E. Randolph St., CHICAGO, ILL.

SWEET PEAS

Toledo.

TRADE GOOD DESPITE BAD WEATHER.

Despite the very disagreeable and unfavorable weather conditions that have characterized the present season, local florists have very little kick coming about sales totals. The weather Memorial week, after starting out cold, rainy and cloudy, brightened up splendidly on Saturday preceding Memorial day, lasted throughout Monday, and by noon the market was entirely cleaned out and florists closed their doors with a sigh of satisfaction. The greatest disappointment was due to the shortage of the peony crop, and those that were on the market were not up to the standard of previous years, due again to the absence of warm weather and sunlight. Those florists who have greenhouses in connection were very busy taking care of their out-of-doors planting orders and their cemetery work. They are still busy at this, since the cold weather has retarded this kind of work. With the advent of June and better weather many weddings and many other social occasions together with a lot of funeral work have kept florists surprisingly busy.

NOTES.

Emil Kuhnke is advertising his place of business for sale and plans to retire from the growing industry if he is successful in selling his place. Mr. Kuhnke thinks he has enough of this world's goods to retire and has had a long and successful career. He was one of the founders of the Toledo Florists' Club and was always an energetic worker in the interests of this organization.

Harry Heinl's annual five-cent sale of bedding plants was a greater success than ever. He is one of Toledo's expert growers and enjoys an enviable reputation in this section for the quality of his plants and cut flowers. People wait for this sale each year and thousands of plants for planting purposes are disposed of.

Schramm Bros. landed the contract to decorate Toledo Beach, a very popular summer resort on the shores of Lake Erie. This is a large contract and called for several car loads of plants. The work was done under the personal supervision of Mr. Frank M. Schramm.

Mrs. J. B. Freeman has been exceedingly busy in work of all kinds, including several wedding decorations and much funeral work. She expressed herself as exceedingly flattered the way business had been coming her way ever since Memorial day.

Chas. Koelker & Sons have had a good season bedding plants of all kinds selling well and deservedly so, because their stock was of uniform quality. Koelkers have a reputation for growing the best geraniums in this vicinity and this year was no exception. A. C. K.

WILEY CITY, WASH.—J. J. Miller of this city has been appointed superintendent of the horticultural section of the state fair to be held at North Yakima in September.

BOSTON, MASS.—The annual peony show of the Massachusetts Horticultural Society in connection with the annual exhibition of the American Peony Society will be held here June 12-13. Roses will be a feature at an exhibition under the auspices of the horticultural society, June 19-20.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

For Weddings and Commencements

Fancy Peonies--Roses--Carnations--Sweet Peas--Gladioli--Cape Jasmine--Lilies--Valley--Greens--Etc. Order Here. Strictly Fresh Stock at Reasonable Prices.

Kansas City.

HEAVY SUPPLY AND PRICES DROP.

For the past week stock has been exceptionally plentiful, and as a result prices have dropped considerably, especially in roses. Carnations are getting smaller, and are not of a satisfactory quality. Lilies are plentiful and are good stock. The demand for red roses the coming week will be heavy, due to commencements. The florists are all busy with weddings and it appears business in this line is evenly divided. The greenhouses are having a great run in bedding plants and stock for window and porch boxes.

NOTES.

The Martin greenhouses at Shawnee were nearly flooded out last week, there being 10 inches of water in all of the houses and 14 feet of water in the boiler-house, the boiler being completely submerged. Business was good, however, and a large quantity of geraniums, their specialty, were sold.

T. J. Noll & Co. are receiving some extra fine roses, and at a low price they are readily disposed of. They have received their first shipment of new ferns, which are in demand. Shipping trade is still active.

Samuel Murray feels very comfortable in his new store, which has been highly praised by the public, and reports business good, having a number of good orders for coming weddings.

W. L. Rock Flower Co. had good business during the past week, being very busy with funeral and wedding decorations, also preparations for the coming commencements.

The florists across the line in Kansas report business was good Memorial day, followed by plenty of decorating and funeral work the past week.

Henry Kusick & Co. report heavy receipts but a correspondingly good demand moves the stock without waste. Supplies are selling well.

The Humfeld, Orear Floral Co. have moved into their new store, located on a transfer corner, and reports increased business from the start.

E. D. Ellsworth, of the Rosery, reports business is good with plenty of funeral and wedding work. The greenhouses are about empty.

Arthur Newell says business is better than expected and has taken a number of orders for next week for the school exercises.

W. J. Barnes is disposing of bedding plants in quantity and has also been busy with funeral work and wedding decorations.

The Geo. M. Kellogg Flower and Plant Co. reports a good business both in cut flowers and plants.

Alpha Floral Co. reports stock is good. The funeral work was extra heavy last week. E. J. B.

St. Louis.

TRADE BUSY WITH SOCIAL FUNCTIONS.

Weddings and graduations keep the retailers somewhat busy. The weather is wretched, being warm one day and cool the next, with a great deal of rain. Stock is plentiful. Candidum lilies are in large supply. Ferns are scarce, becoming more so every year around this city. Enchantress carnations have been plentiful and selling at low prices. Cape Jasmines have been selling from 50 cents to $2 per 100.

NOTES.

There will be important business to transact at the local florists' club meeting June 10. The location and date of the picnic will also be decided upon, as well as arrangements of the entertainment committee for the carnation meeting.

Foster, the Florist, had a special sale of carnations, two dozen for 25 cents. He is also somewhat of a philanthropist, giving carnations with every glass of soda.

Henry J. Weber, of H. J. Weber & Sons Nursery Co., died June 3. Further particulars will be found in the obituary column elsewhere in this issue.

Mullanphy Florists are doing a great plant trade at their downtown location and have regular special sales.

Geo. H. Angermueller continues to be headquarters for fine orchids and general florists' supplies.

At Shaw's Garden a special display of insectivorous plants are a feature in three varieties.

The Sherman Nursery Co., Charles City, Ia., is shipping quite heavily to this market.

Oscar Heile's son is now assisting his father in the store.

H. G. Berning has a fine assortment of glass flower vases.

John Burke is in the city paying a visit to friends.

Field daisies are in from our Kirkwood growers. W. F.

HOUSTON, TEX.—Paul M. Carroll, for several years connected with the Kerr Floral Co., has been promoted to the position of manager of the sales department of that concern.

Cincinnati.

SUPPLY EQUAL TO ALL DEMANDS.

We seem to have gotten over the rainy period we have had for the past month. Throughout May it rained incessantly. Now it has moderated so that we have only occasional showers, but they are generally good ones. With the advent of sunshine again, business in this market slowed up very perceptibly, and now the supply is able to easily care for immediate wants. Rose offerings include many fine Radiance, Shawyer, Mrs. Russell, Sunburst, Ophelia, Richmond and American Beauties. Carnations are rapidly losing in popular favor. Many fine gladioli may be had and Easter lilies are good and are plentiful. Other offerings include lily of the valley, sweet peas, orchids, nympheas, cornflower, peonies and coreopsis.

NOTES.

Jos. Hill and wife, accompanied by Fred Lemon and wife of Richmond, Ind., passed through this city while motoring to Augusta, Ky.

C. E. Critchell and wife have been taking in the territory surrounding this city in their new eight-cylinder Cadillac.

L. Frank & Sons, of Portland, Ind., have been sending in some very fine Maryland and Shawyer roses.

C. E. Critchell has been getting some very fine cut ramblers from Thos. Windram.

P. J. Olinger has been cutting some very fine Mrs. Russell roses.

The florist society's regular meeting will be held June 14. H.

Providence, R. I.

Memorial day trade this year was fairly good, but not up to the standard of other years. Small tradesmen and the department stores sold wreaths and flowers at prices that the florist did not try to meet. The business was extended to a three-day period, and thus divided, made the work much easier than usual. All stock was fine and magnolia wreaths and wax bouquets were on hand in quantities and had a good sale.

NOTES.

E. L. Saunders, of Burnett street, is cutting extra fine lily of the valley in quantity.

J. Baraducci has opened a flower shop at 148 Atwell avenue.

James B. Canning has a new auto for his delivery service.

Wm. E. Chappell is confined to his bed, seriously ill. H. A. T.

Specials For June Weddings

High Grade Valley and Sweet Peas

BESIDES ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

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VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

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We are in daily touch with market conditions and when a **decline** takes place you can rely upon orders sent **us** receiving **such benefits.**

Washington.

SUPPLY OF GOOD STOCK SHORTENS.

The supply of good stock is decreasing daily. Roses are getting smaller and there are few good carnations on the local market, while what few peonies are to be had are shipped in from the north. Some very fine gladioli are to be had at reasonable prices; also Easter lilies, which find a ready sale. Some of the outside sweet peas have made their appearance, but are not high quality stock.

NOTES.

Geo. C. Shaffer had the decorations for the Stone-Stokes wedding, the church and residence being beautifully decorated with palms, ferns, with large clusters of white and pink peonies arranged with Easter lilies and blossoms.

O. A. C. Oehmler, the G street florist, has been exceptionally busy with wedding decorations, and has several orders booked for the latter part of the month.

Geo. H. Cook spent several days at Richmond, Va., decorating the governor's mansion, the occasion being the reception in honor of the confederate veterans.

Edward J. Fancourt paid Washington a flying visit. Everybody is always glad to see him as he always has a good word and a pleasant smile for all.

Leo Niessen Co. are receiving some extra fine orchids from Geo. Fields; also excellent Kaiserin, Radiance and Brunner roses.

Ed. Bury, of Gude Bros.' decorating staff, is on the sick list, having contracted blood-poisoning from rose thorns.

J. A. Guttman brought the first phlox and feverfew to market.

G. C. D.

Omaha.

BIG MEMORIAL DAY TRADE.

Taking everything into consideration, the local florists have had a splendid spring business and are more than satisfied. Memorial day sales, in spite of cool and rainy weather, were 30 per cent better than a year ago; in fact, 1915 Memorial day business can be considered the best ever experienced in this city. Heavy rains and cold nights shortened the peony supply, but there were enough to go around and all orders were filled. Carnations were plentiful and had a good call at $1 per dozen. Good roses were scarce, but short stock could be had in quantity. American Beauties were plentiful, as were also lilies. All flowering plants sold well, hydrangeas especially being in strong demand. Sweet peas and daisies sold well, the former bringing $3 per 100. American Beauties were quoted at from $3 to $6, lily of the valley 75 cents to $1, while snapdragons were popular at $1.50.

The executive committee of the Nebraska State Horticultural Society held its spring meeting at Lincoln, June 1, and final arrangements were made for the state fair to be held in Lincoln, September 5-10. Florists from all parts of the state will make an out-door exhibit of bedding plants on an elaborate scale.

The bedding plant demand is practically over and all stock sold well this season, from all reports. GRIPPE.

ADA, OKLA.—Local greenhouses were badly damaged by hail May 18.

Get In On This

SPECIAL INTRODUCTORY OFFER

The Basket we illustrate, 304 A, 4 x 4½ x 12 inches high, with glass liners.

$2.00 per dozen.

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Hail Damage at Waco, Tex.

A heavy hail storm which visited Waco, Tex., May 26, did heavy damage to two of Waco's florists' establishments and some damage to a third. Tom Wolfe reports that about 7,000 feet of his glass was broken. He has about 45,000 square feet of glass in his greenhouses and the glass broken was pretty well distributed over his entire range. There was not so very much damage to indoor plants as most of the pot stock had been removed; carnations were nearing the end of the season's blooming and he had recently cut his rose stock back. His out-door plants suffered very heavily. He had a fine lot of gladiolus in the field and they were cut to pieces. Insurance was carried on these houses. Repairs will be made as soon as the material can be had and the work done.

The Waco Floral Company, which is managed by T. W. Reed, reports

ERNE & KLINGEL

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Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

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SHIPMENTS EVERYWHERE — GROWERS AND SHIPPERS — IMMEDIATE DELIVERIES

CUT FLOWERS

154 NO. WABASH AVE. CHICAGO

PHONE CENTRAL 879

that its loss of glass was practically total. Out of 25,000 square feet of glass they saved only 690 panes. About 50 per cent of pot plants in-doors were destroyed. All out-door plants were destroyed almost outright. The damage is estimated at at least $3,000. No insurance was carried. New glass has been ordered and the houses will be repaired promptly. The Mohan Floral Company suffered only slightly compared with the others. Their damage is reported to amount to about $150.

There were two of these hail storms, which visited Waco, the same night. The Wolfe houses were not very badly damaged in the first, which came about 8 p. m. Mr. Wolfe thought he had escaped, but at about 1 o'clock a. m. another severe storm set in and resulted in the very heavy damage to his range of glass.

L. J. H.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

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L. D. 'Phones Central 1977 and 1978.

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Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	$4 00
" " 36-in.	3 50
" " 30-in.	3 00
" " 24 in.	2 50
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
" Mrs. Chas. Russell	1 00@ 2 50
	Per 100
" Killarney Brilliant	3 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	3 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	3 00@10 00
" Milady	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	3 00@10 00
" Ophelia	2 00@10 00
" Our selection	3 00
Carnations	2 00@ 3 00
Cattleyas, per doz.	4 00@ 6 00
Gardenias, per doz.	3 00@ 4 00
Gladioli	4 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Snapdragons, per doz.	50@2 00
Spanish Iris	4 00@ 8 00
Sweet Peas	75@ 1 50
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns	2 50@ 300
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy, per 1000	5 00@6 00
Plumosus Strings, each	60@ 75
Smilax, per doz.	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 35c per lb.	

Joseph Ziska & Sons

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Wire Designs and Wholesale Florists' Supplies

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RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

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Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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Place your order now. Delivery will be made when you are ready for them.
THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

WEDDINGS AND FUNERALS HELP TRADE.

The June bride has helped a lot the past week, there being a number of weddings in upper circles which called for quite elaborate decorations. Several important funerals also drew on the supply, so that the business can be said to have been satisfactory. The supply of flowers is quite up to the average of the season, the continued cool weather which seems unusual at this time, holding the peonies, which are now such a factor, and lengthening out their season. In the rose section almost all stocks are good, American Beauties particalrly so. Killarneys, while not so large, are still fine, particularly in the special grades. The short Killarneys, so plentiful at this season, are being moved safely, principally by means of special sales; it is astonishing what can be done by bargain sales if rightly managed. Mock roses are coming in fine and are in good demand; they stand the hot weather very well. The Mrs. Ward is a winner; it is one of the most popular roses that has yet been introduced. Carnations are still in good shape. Snapdragon is going out. Sweet peas, new crops, are fine and hold their place against all competitors. Gladioli are seen in splendid shape. Easter lilies are in fair demand, while lily of the valley has an extra call for the weddings.

NOTES.

The paper of F. W. Beirn on motor delivery, read before the last Florists' Club meeting, was most opportune. The attendance should have been much better for such a treat. The motor truck is now so generally used by the trade that any information on this subject should have been enough to have crowded the room. What will bring a good attendance?

The trade were sorry to a man to hear of the death of Charles Krueger, who conducted the flower stand in the Reading terminal station, this city, where he had built up a good trade. He passed away on June 4 after a few months' illness. His funeral was held June 7. The floral offerings were numerous and beautiful.

The rose gardens at H. A. Dreer's nurseries, Riverton, N. J., are now at their best. Every one in the trade should pay them a visit at this time, preferably by the first morning train to see them before the hot sun opens up the flowers. Such a collection is not duplicated anywhere in this country.

Quite a number of the craft journeyed to Washington June 2, to see the rose test gardens and assist in the ceremonies of their dedication. The weather was miserable, but all appreciated the efforts of the Washington brethern in offsetting the conditions.

The M. Rice Co. have been busy with wedding accessories, staff baskets, shepherd's crooks, bridesmaids baskets and the like having had a large sale for the June weddings.

The Leo Niessen Co. are featuring peonies, having an immense stock from their growers. Easter lilies and special lily of the valley are also leaders.

The Jos. Heacock Co. are cutting fine Radiance roses—it seems to agree with their treatment. Quantities of special Killarneys are also seen.

The Robert Craig Co. are having a great runs on crotons and dracænas. Their stock of these specialties is the largest in the country.

Berger Brothers are handling some splendid Gladioli America and Hollandia; select lily of the valley is also a feature.

Edward Reid is justly proud of his local and eastern American Beauties—they are of the true Reid brand.

K.

Wholesale Flower Markets

BOSTON, June 9.	Per 100
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	3 00@ 4 00
" select	4 00@ 6 00

BUFFALO, June 9.	
Roses, Beauty, special, doz.	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 00@ 2 50
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	1 00@ 2 00
Peas	50@ 1 50
Peonies	3 00@ 5 00
Asparagus Sprengeri	35@ 50
Ferns per 1000,	2 50
Smilax	15 00

CINCINNATI, June 9.	
Roses, Beauty per doz.	$1 00@$4 00
	Per 100
" Killarney	2 00@ 8 00
" My Maryland	2 00@ 8 00
" Richmond	2 00@ 8 00
" Taft	2 00@ 8 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus, per bch., 25c	
Carnations	1 00@ 2 00
Orchids, per doz	3 00
Sweet Peas	35@ 50
Gladiolus	4 00@ 8 00

ST. LOUIS, June 9.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
" Radiance	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	1 00@ 2 00
Orchids	35 00@50 00
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	6 00@ 8 00
Sweet Peas	20@ 40
Callas	6 00@ 8 00
Ferns per 1000,	3 50
Leucothoe per 100,	60
Galax per 1000,	1 25

Patrick Welch
Wholesale Florist
262 Devonshire St., Boston, Mass.
Telephone Main 2698.
American Beauties, Orchids, Valley, Carnations.
All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.
Central Market
Choice Roses, Orchids and Valley
SPRING FERNS.
Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.
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"The" Wholesale Florist of Cincinnati
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Complete Stock of Florists' Greens and Supplies

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Edward Reid
WHOLESALE FLORIST.
Choice American Beauties, Russells, Mock Killarney, Sunburst and others.
CATTLEYAS, CARNATIONS and LILIES.
One block from express depot.
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Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.
Obtain our prices on quality lots.
Buy from the grower.
Pittsburgh Cut Flower Co.
116-118 Seventh St., Pittsburgh, Pa.

HAMILTON, ONT.—John Connor, head of the Connor Floral Co., Ltd., and for the past 17 years connected with the Thirteenth Royal Regiment, has been promoted to the position of paymaster in that organization with the rank of major.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

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462 Milwaukee St., MILWAUKEE, WIS.

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Choice Cut Flowers and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88	$0.50	$0.85
No. 55	.75	1.25
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Envelopes to match (1000 to package), same price as cards.

Samples free.

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FLORISTS' SUPPLIES.

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Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist. 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

PHILADELPHIA, June 9.	Per 100
Roses, Beauty, extra	30 00@50 00
" " first	10 00@20 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Violets	75@ 1 00
Snapdragons	6 00@12 00
Mignonette	3 00@ 5 00
Daffodils	1 50@ 3 00
Asparagus, per bunch.	50

PITTSBURGH, June 9.	Per 100
Roses, Beauty, special	15 00
" " fancy	10 00
" " extra	6 00
" " No. 1	3 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00
Carnations	1 50@ 2 00
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Peonies	4 00
Asparagus Sprengeri, per bunch, 35@40	
" Sprays, per bunch, 35@40	
Snapdragon	4 00@ 6 00

RIGE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

MILWAUKEE, June 9.	Per 100
Roses, Beauty, per doz., 2 00@ 4 00	
" Killarney and W. Killarney	2 00@ 8 00
" Ward, Sunburst	2 00@ 6 00
" Mrs. Chas. Russell	5 00@25 00
" Richmond	3 00@ 8 00
" Ophelia	4 00@15 00
Carnations	1 50@ 3 00
Lilies	8 00@12 50
Snapdragon, per bunch, 25c@50c	
Sweet Peas	50@ 1 00
Valley	4 00
Peonies	3 00@ 4 00
Daisies	50@ 1 00

Cleveland.

WARM WEATHER AND STOCK PLENTIFUL.

Warm weather has at last arrived, and stock of all kinds is becoming more plentiful. Local peonies are now coming in, and many are going into cold storage for future use, as about a week of this kind of weather will see the finish of the outdoor flowers. Roses of all kinds are in good demand; however, a slight touch of mildew showed last week. American Beauties have a good call and these flowers are exceptionally fine value, in both long and medium grades. For warm weather funeral work the short grade of this variety is used quite freely. Sweet peas, both short and long stems are in good supply, both Butterfly and other varieties. Field daisies are plentiful and good stock. Lily of the valley has been a little short of the demand. Carnations are quite plentiful, but are in good demand, stock being exceptionally fine. Easter lilies are very plentiful, with a fair demand.

What might have been a serious auto accident took place Memorial day in Brooklyn, a suburb, when an auto in which Fred C. Witthuhn and his son Walter, collided with another car. The left rear wheel and fender were torn from Witthuhn's car. The cars were running about 15 miles an hour. All escaped injury. C. F. B.

HARTFORD, MICH.—A greenhouse 30x100 feet has been completed, and another new building and the installation of a new heating system is planned during the summer.

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.
Case of 100 Bulbs, $6.95
300 Bulbs, $18.00
1200 " 70.00

C. S. & CO.
NEW YORK

LILY OF THE VALLEY PIPS
1000 Pips, $15.00
2500 " 35.00
$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

STOCK MOVES BUT PRICES LOW.

There was considerable business during the latter part of the past week, but stock went cheap. The early days of the week were dull. The weather was cool, for June, which was a good thing for the trade in general, particularly for the peony growers and shippers. As it was, there were too many peonies on the market and June 5 the best could be bought wholesale for 50 cents per dozen and ranging from that figure down to 25 cents per dozen. There is a story of an old market gardener who talked turnips so incessantly one season that all the neighbors grew turnips—he grew something else. It would appear that somebody has been talking white peonies, as there is an enormous stock of them about. Carnation prices have been dropping off and $2 per 100 is now about the top with 50 cents and $1 for left-overs. The rate of $15 per 100 is the best for special American Beauty roses, many selling for less. Other roses are plentiful and cheap. The Gen. Jacqueminots, which have been retarded by the cold weather, are now beginning to come in, so there is a good prospect for plenty of cheap roses. Cattlyea gigas are wholesaling at the rate of $35 and $40 per 100 but the Mossiæ variety can be bought for from $10 to $20. While the situation is not reassuring it is not as bad as it would be if the weather was warm. The retailers, or a part of them, greatly miss the steamer trade, but aside from that their business, so far as we can see, is as good if not better than it has been in June of some other years. The cold weather is keeping people in the city who would otherwise be elsewhere.

June 7.—The market is very quiet this morning with a surplus of stock. Peonies are practically going "a-begging" and carnations are not much better. Good peonies are selling at from 25 to 35 cents per dozen, carnations from $1.00 to $1.50 per 100 and $15 per 100 is about the top price for American Beauty roses, with all roses moving slowly. Lilies are down to three and four cents per flower. The outlook for this week is a glut.

NOTES.

Charles Beekman, Jr., of Elmhurst, N. Y., who sells the product of his father's carnation range in the Cut Flower Exchange, will be married June 16 to Miss Minnie Speyer of Steinway, N. Y. The happy couple will spend their honeymoon in Massachusetts, after which they will be at home in Elmhurst. Mr. Beekman is a clever young man and though we are not acquainted with the young lady, we assume that she will make him a worthy helpmate.

The annual outing of the New York Florists' Club will be held at Witzel's Point View Grove, College Point, July 14. F. W. Armitage, with Hitchings & Co., 1170 Broadway, is chairman of the outing committee. As Witzel's is a popular resort, with good grounds, and noted for good dinners, an enjoyable day may be expected, weather permitting.

Calling recently at the store of the Boulevard Floral Co., 2391 Broadway, we noted good features. The windows were tastefully decorated with plants and cut flowers and the cut stock on hand was of the best. Peter Theopine, who buys for and manages this store, is a bright lad.

Costos Sakelos, the Colonial Florist, recently opened another retail store on Broadway. Mr. Sakelos is enterprising and has the artistic temperament.

In addition to good cut flower stock, William Kessler is now handling fine plants, well flowered hydrangeas being interesting.

F. F. Kessler, of the Coogan building, in addition to other good stock, is now handling Jack roses and Spanish iris.

The annual outing of the Greek-American Florists' Association will be held at Witzel's Point View Grove, July 7.

John Young and Co. continue to receive a supply of good orchids, roses and much other stock.

Badgley, Riedel & Meyer are receiving fine sweet peas from Louis Enne, Flushing, N. Y.

W. P. Ford is near to being headquarters for peonies, as he has all the best varieties.

At Walter F. Sheridan's, fine stock of Rose Mrs. Charles Russell is noted.

At Geo. C. Siebrecht's, very fine pink peonies are noted. A. F. F.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

Albany, N. Y.

At the June meeting of the Albany Florists' Club, Roman J. Irwin, chairman of the transportation committee of the New York Florists' Club, spoke of the preparations being made by the New York men to attend the S. A. F. convention in San Francisco, August 17-19. It is expected that a special train will be made up to go by way of Albany. The cost of the trip will be from $325 to $350 a person; time, 32 days. Members of the local club were invited to accompany the New York party on this trip and some will no doubt do so.

A vote of thanks was extended to Guttman & Raynor, Inc., wholesale florists, 101 West 28th street, New York, for 25 blooms of the new seedling carnation, Olive Whitman, which the firm sent to Albany. The flower is scarlet, of good size, carried on an unusually strong stem. It will probably be introduced next year. A discussion arose over the flower show in November. As opinion seemed to be divided it was deemed best to postpone final action until the July meeting when it is expected that the attendance will be unusually large.

John H. Bochman, a Hollander, now traveling for Henry F. Michell Co., seedsmen, Philadelphia, Pa., said the war is a great hardship for Holland and that he had to seek a position in this country on account of the decline in business there. He said he was glad to be able to locate here and in his travels has secured some good business. Mr. Irwin said also that the past two weeks showed an encouraging increase in orders from territory in which he had traveled and expressed his belief that the outlook is encouraging.

F. R. Bilson, the president, named Patrick Hyde, Edward F. Tracey, and L. H. Schaefer a special committee to visit a member who was reported to be seriously ill with typhoid-pneumonia and to do what was possible for him. The meeting adjourned at 9:40 p. m. to enjoy refreshments furnished by the entertainment committee and a social hour.

Memorial day trade in this city was excellent. Thomas F. Tracey, manager of the Albany Cut Flower Exchange, reports that the demand for cut roses, carnations, and peonies was unusually large and that the retailers had no trouble to dispose of all their stock. In regard to peonies the quality this year was most excellent and the supply about up to the demand. In some cases the flowers brought $8 a hundred, wholesale.

R. D.

Horticultural Society of New York.

The June exhibition of this society and of the American Rose Society was held, in co-operation with the New York Botanical garden, in the Museum building of that institution, June 5-6. Owing to the continued cold weather just before the exhibition, peonies and roses were much retarded in their development. The display of these flowers was therefore relatively small. There was an excellent display of the flowers, of shrubs and trees and of herbaceous plants, including a large representation of irises. The display of flowers, of shrubs and trees made by T. A. Havemeyer was of especial excellence, containing many unusual things. A large display was made by Bobbink & Atkins, Rutherford, N. J., including a collection of irises, another of flowers of herbaceous plants, and also an excellent collection of rhododendron flowers. A group of plants, containing fine specimens of pelargoniums, calceolarias, spiraeas and fuchsias, was exhibited by Mrs. F. A. Constable, and attracted much attention.

The bronze medal of the American Rose Society was awarded to Gen. E. A. McAlpin, for the best vase of hybrid tea roses, out-door grown. The judges were A. J. Manda, Wm. Tricker and John Scheepers, and prominent among the successful contestants in the competitive classes were the following: Bobbink & Atkins, Rutherford, N. J.; Lager & Hurrell, Summit, N. J.; John Lewis Childs, Flowerfield, N. Y.; J. A. Manda, West Orange, N. J.; A. N. Pierson, Inc., Cromwell, Conn.; Wm. Tricker, Arlington, N. J.; T. A. Havemeyer, Gen. E. A. McAlpin, Mrs. F. A. Constable and Mrs. Harold I. Pratt.

GEO. V. NASH, Sec'y.

STREATOR, ILL.—Fred Palmer, fireman at the George Whitcomb greenhouses, was found dead in the boiler room of the greenhouse May 25. Heart failure was the cause.

J. K. ALLEN

Established 1878
118 West 28th Street
New York

Wholesale Commission Dealer in Cut Flowers.
The celebrated HADLEY, MILADY and other roses, LILY OF THE VALLEY and other greenhouse stocks.
Consignments Solicited. Prompt returns and Satisfaction Guaranteed.
Open at 6 a. m. every morning. Phones 167 and 4468 Madison Square.

Badgley, Riedel & Meyer

Phones { 1664 / 1665 } Madison Square, 34 W. 28th St., New York
Receivers and Distributors of
Choicest Cut Flowers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

Walter F. Sheridan

Wholesale Florist
Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York
All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Florists' Supplies

THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

Paul Meconi

Wholesale Florist
55-57 West 26th Street
NEW YORK CITY
Telephone: 3864 Madison Square.

John Young & Co.

Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD

WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Worcester, Mass.

"Best Memorial day business ever" is the verdict of Worcester florists regarding the demand this year. Bouquets and all kinds of pot plants sold well, and everything in cut flowers was cleaned out. The city was flooded with "fakers" who got rid of thousands of artificial wreaths and some cut flowers.

The season of June weddings is here, and the florists are happy. On June 2, H. F. A. Lange had the largest wedding decoration of the year, and the other firms report much activity in this line.

R.

Geo. C. Siebrecht

WHOLESALE FLORIST
109 West 28th St., NEW YORK
Tel. 608 and 609 Madison Square
CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, June 9.	Per 100
Roses, Beauty, special	8 00@15 00
" " extra and fancy	4 00@ 6 00
" " No. 1 and No. 2	1 00@ 3 00
" Alice Stanley	1 00@ 8 00
" Prince d'Arenberg, special	5 00@ 6 00
" Francis Scott Key, special	6 00@ 8 00
" Mrs. Geo. Shawyer, special	3 00@ 6 00
" " " extra	2 00@ 3 00
" " " No. 1 & No. 2	50@ 1 00
" White Killarney, special	4 00@ 5 00
" Killarney, My Maryland	
" " special	4 00@ 5 00
" " No. 1 and No. 2	50@ 2 00
" " Queen	1 00@ 5 00
" " Brilliant	1 00@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 5 00
" Sunburst	50@ 6 00
" Taft	50@ 5 00
" Milady	50@ 5 00
" J. L. Mock	1 00@ 6 00
" Hadley	1 00@12 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@10 00
Carnations	1 00@ 1 50
Cattleya Orchids, special	35 00
" " inferior grades	15 00@20 00
Lilies, Longiflorum and Harrisii	3 00@ 4 00
Lily of the Valley	1 00@ 3 00
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus...doz. bchs.	1 50@ 2 50
Smilax...doz. strings.	1 25@ 1 50
Sweet Peas, per doz. bunches.	25@ .50
" " Spencer type, 100 flowers.	1.00@1.50
Peonies, special...per doz.,	25c@35c
" inferior stock	15c@20c
Gladiolus...per doz.,	25c@35c
" America " "	50c@75c

United Cut Flower Co., Inc.

WHOLESALERS
111 W. 28th St., New York City
NOW IS THE TIME
To Ship Your Consignments
GEORGE J. POLYKRANAS, Manager.
Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.
Wholesale Florists.
101 West 28th Street, NEW YORK
Phone 896 and 897 Madison Square.
20 Years' Experience.

Frank H. Traendly Charles Schenck
Traendly & Schenck

Wholesale Florists and Cut Flower Exchange
436 Sixth Avenue, NEW YORK CITY
Between 26th and 27th Sts.
Telephones 798 and 799 Madison Square.
Orchids, Roses, Carnations, and all the other best products of the leading growers.
Consignments solicited.
Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION
American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.
148 West 28th St., NEW YORK CITY
Telephones: 2200 and 2201 Madison Square.
Mention the American Florist when writing.

WM. KESSLER

Successor to Kessler Bros.
113 W. 28th St., NEW YORK.
CUT FLOWERS
WHOLESALE PLANTSMEN AND FLORISTS
Phone 2336 Madison. Shipments Everywhere
Prompt and satisfactory. Consignments solicited
Mention the American Florist when writing.

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York
Open for Cut Flower Sales at 6 o'clock every morning.
Desirable wall space to rent for advertising
V. S. DORVAL, Secretary.
Mention the American Florist when writing.

The Kervan Company

FRESH CUT EVERGREENS
and Mosses. Decorating Material for Florist Trade, at Wholesale.
TELEPHONES MADISON SQUARE 1519-5893
119 West 28th Street NEW YORK
Mention the American Florist when writing.

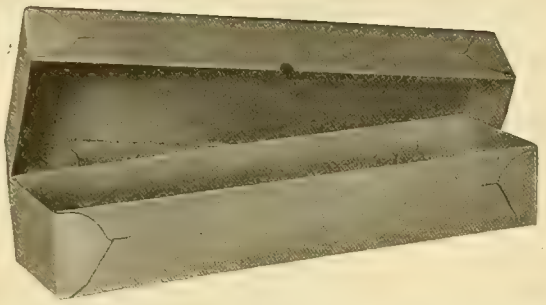
George B. Hart

WHOLESALE FLORIST
24-30 Stone St., Rochester, N.Y.
Mention the American Florist when writing.

M. C. Ford

121 WEST 28th STREET
NEW YORK
Tel. 3870-3871 Madison Square
The Largest Shipper and Receiver of Fresh Cut Flowers
A complete assortment of the best in the market can always be relied upon.
Mention the American Florist when writing.

WHOLESALE FLORISTS
A. L. Young & Co.
54 WEST 28th ST. NEW YORK
Consignments Solicited
Mention the American Florist when writing



YOUR flowers will look better if you deliver them in **SEFTON FLOWER BOXES.**

Get the advertising value of a smart looking package; we can supply you with the best boxes made in almost any non-fading shade of board.

Ask your paper jobber.

You ought to have our Catalogue, also price list and samples; sent on request.

THE SEFTON MFG. CO., 1331 W. 35th Street, CHICAGO, ILL.

North Bergen, N. J.

It is about as hard to do away with old names as it is to teach an old dog new tricks, but for official purposes, Uncle Sam often does it. About a year ago, we believe, a new free delivery post-office was established under the name of North Bergen; the territory which this office covers includes the original North Bergen, New Durham and a part of West Hoboken, the Hudson boulevard being the line of demarcation. A. E. Asmus, who some time ago retired from the firm of E. G. Asmus & Son, is now mayor of North Bergen.

George Schubert, at 303 Paterson plank road, has a fine range of 40,000 square feet of glass. Mr. Schubert is an expert fern grower and his range is an interesting place to visit. He has an abundance of stock in all stages of growth. There are hundreds of flats of young stock coming up from seed and much older stock that has been potted off and keeps up the supply that is constantly going out. Mr. Schubert's range includes that of his father, the late August Schubert.

The firm name is now E. G. Asmus' Son and E. R. Asmus is proprietor. He has another range at Closter, N. J., the total glass area of the two ranges being 200,000 or more square feet of glass. This firm has long been noted as growers of fine roses.

Herman Schoelzel, is well known as a plantsman who grows a variety of good stock, and has gained prominence as a fern grower. Mr. Schoelzel is also well known as an active member of various horticultural societies and clubs.

William Otte, 4055 Boulevard, also writes it North Bergen. He has a well kept range of 25,000 square feet and specializes in geraniums.

A. F. F.

West Hoboken, N. J.

The plant growers of West Hoboken seem to be prosperous and contented, regardless of the fact that there is considerable talk of business dullness in their neighborhood. The tying up of many great steamships that formerly sailed regularly to and from Hoboken has had a depressing effect on the business of this city but the people seem to be making the best of that misfortune.

Herman C. Steinhoff is another West Hoboken grower who has made a great success of the business. He grows a variety of stock, including lilies, pot roses and bedding plants. He has another large range and nursery at West Norwood, N. J., and several capable sons who assist him in the management of his extensive business.

Emil Leuly, who is a wizard in fern growing, has as usual, a large and clean stock. Mr. Leuly is a noted bicyclist and has ridden his wheel to the conventions of the Society of American Florists for a number of years. He intends to go this year and expects to reach San Francisco in 45 days.

John Birnie, who now conducts the range for many years the property of his father, the late John Birnie, is fairly well sold out of bedding plants and is now planting chrysanthemums. The late Mr. Birnie made his range noted for fine geraniums and his son has sustained its reputation.

Oscar Boehler not only has a range of considerable extent but also does a good retail business. Through his courtesy we attended, for an hour, the annual picnic of the North Bergen schools, June 4, held at Schuetzen Park, and the kiddies certainly had a fine time.

H. Baumann is another fern specialist whom we found fat and happy. He has a considerable glass area and specializes in table ferns.

Rudolph Wittman is well sold out of bedding plants of which he had a large stock and is now planting chrysanthemums.

The Boulevard Florist is a recent retail enterprise at 148 Summit avenue, George Apostle being the proprietor.

W. Gulliksen has a prosperous retail store at 150 Summit avenue, with a considerable glass area at Secaucus, N. J.

George Giatras has rebuilt a number of houses and is preparing for a large stock of ferns for next season.

H. Baumann has a son who conducts a prosperous flower and bird store on Summit avenue.

A. F. F.

WINCHESTER, IND.—I. J. Byers reports Memorial day trade good, the demand being heavy for vases filled with vincas and flowering plants. Some peonies were in bloom, but out-door roses were off-color. Carnations and snapdragons were used in quantity for bouquets.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.
Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers,** and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

Mention the American Florist when writing

LYRATA $2.50 Per Case

Fancy Ferns	$1 25 per 1000
Dagger Ferns	1 00 per 1000
Natural Moss	1 75 per Bag
Perpetuated Moss	3 50 per Bag

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) $2.50 per case

Fancy Ferns	per 1000, $1.25
Dagger Ferns	per 1000, 1.00
Natural Moss	per bag, 1.75
Perpetuated Moss	per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

BUCHBINDER FLORISTS' REFRIGERATORS

Write to Dept. C3 for Catalog.
BUCHBINDER BROS.
MANUFACTURERS
518 Milwaukee Ave., - Chicago, Ill.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co.'s STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. **CLEVELAND**

Mention the American Florist when writing

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all **T. J. JOHNSTON & CO.**

NEW ENGLAND POINTS. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL. Western Union Code.

New York. **Washington, D. C.**

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. **WASHINGTON, D. C., Cor. 15th & H. Sts.**

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2068-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Friedman

FLOWERS.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Adires4, DARDSFLOR.

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

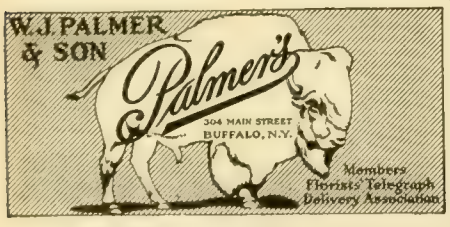
Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,
1415 Farnum St. TELEPHONES 1501 and L 1582
Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

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Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

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Order Your Flowers for delivery in this section from the

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Floral Designs and Choice Cut Flowers

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Trade Directory

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Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
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Duluth, Minn.—J. J. Leborius.
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Omaha, Neb.—Lewis Henderson.
Philadelphia.—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
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Tacoma, Wash.—California Floristo.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
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Prompt and careful attention to orders from out-of-town florists.

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Established over 20 Years.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

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Wire or Phone Your Orders to the HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West.

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Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

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Canada's best known and most reliable florist.

Only the Best **Dunlop's**

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We deliver anywhere in Canada and guarantee safe arrival.

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THOS. F. GALVIN INC.

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Deliveries to Steamers and all Eastern Points.

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Send your orders for Chicago and Suburbs to

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2221-2223 W. Madison St. CHICAGO.

All orders carefully filled under the supervision of

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All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice

Trade discounts. First-class stock.

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"Some Florist"

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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We solicit telegraph orders. Regular trade disc

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Orders Carefully Executed

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will take care of all telegraphic orders.

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HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

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GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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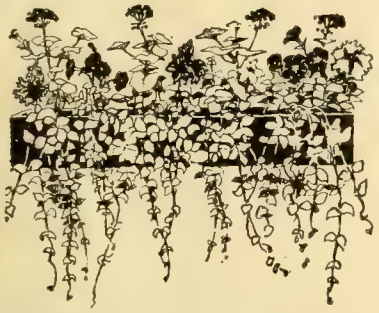

Special Window Box—30 inches long—filled with Geraniums, Petunias and Vines—price.....$1.50

Special Self-Watering Tub—10 inches in diameter—filled with Geraniums, Petunias and Vines—price.....75c

Special Rustic Hanging Box—filled with Geraniums and Wandering Jew—prices
6x6 in. size, 35c each; $4.00 per doz.
8x8 in. size, 50c each; 5.00 per doz.

You can build a reputation for **values** and **originality** by selling these timely Wittbold specials at a good margin of profit.

It will pay you to make up an order now from this list of Wittbold quality stock.

COLEUS

Golden Bedder.....2-in. pots, $2.50 per 100; 3-in. pots, $5.00 per 100
Yellow Pfitzer.....2-in. pots, 2.50 per 100; 3-in. pots, 5.00 per 100
Assorted.....2-in. pots, 2.00 per 100; 3-in. pots, 4.00 per 100

SANTOLINAS

Santolinas .....2½-in. pots, $2.50 per 100

ALYSSUM

Sweet Alyssum .....2-in. pots, $2 00 per 100

GERANIUMS

Pink, Red and White, extra fine stock.....3-in. pots, $ 5.00 per 100
Pink, Red and White, extra fine stock.....4-in. pots, 10.00 per 100

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Assorted .....4-in. pots, $1.00 per doz.

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5-in. pots.....$15.00 per 100 4-in. pots.....$12.00 per 100
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PETUNIAS

Single ....2-in. pots, $2.50 per 100; 3-in. pots. $5.00 per 100
4-in. pots..... $8.00 per 100
Double..... ....4-in. pots, $1.00 per doz ; $8.00 per 100

VINCAS

3-in. pots, $6.00. 4-in. pots.....$12.00 and $15.00 per 100

CYCLAMENS

Pure White, White with Red Eyes, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, Dark Red, Rosy Morn, Brilliant Red and Bright Red.
3-inch pots.....$8.00 per 100

COBAEA SCANDENS

4-in. pots.....$1.00 per doz.; $8.00 per 100

BEGONIA VERNON

3-in. pots.....$5.00 per 100

The New Wittbold Self-Watering Flower Box

A handsomely finished wood box with a galvanized iron reservoir and felt wick. Possesses all the advantages and none of the disadvantages of the metal box.

The stock sizes and prices are as follows:

23 inches long by 8 inches high by 9½ inches wide	price, $0.65
25 inches long by 8 inches high by 9½ inches wide	price, .75
27 inches long by 8 inches high by 9½ inches wide	price, .80
29 inches long by 8 inches high by 9½ inches wide	price, .88
31 inches long by 8 inches high by 9½ inches wide	price, .93
33 inches long by 8 inches high by 9½ inches wide	price, 1.01
35 inches long by 8 inches high by 9½ inches wide	price, 1.07
37 inches long by 8 inches high by 9½ inches wide	price, 1.12
39 inches long by 8 inches high by 9½ inches wide	price, 1.20
41 inches long by 8 inches high by 9½ inches wide	price, 1.27

You can sell this Flower Box at a good profit.

WRITE, WIRE OR PHONE YOUR ORDER TODAY

Long Distance Telephone, Graceland 1112.

The Geo. Wittbold Co.

737 Buckingham Place, CHICAGO

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

ONION SETS in the Chicago district on the whole are looking well.

ADVICES from Santa Cruz, Calif. are to the effect that the freesia harvest will begin about June 7 under favorable weather conditions.

VISITED CHICAGO: Howard M. Earl, of W. Atlee Burpee & Co., Philadelphia, Pa., enroute to the California sweet pea show and seed trade convention.

THE sweet pea seed crop in New Zealand is almost a failure on account of the dry weather last year, and deliveries on orders placed by American houses will be practically nil.

JOHN DEWIT, the well-known representative of Ernst & Von Spreckelsen, Hamburg, Germany, who went to the front last August, is home on furlough. He has been promoted to the rank of lieutenant and was decorated with the iron cross at Tannenberg.

CHICAGO.—Prices for grass seed on the Board of Trade June 9 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.—The Leonard Seed Co. supplied the grass seed for the new automobile speedway at Maywood.—J. C. Vaughan visited Grand Rapids, Mich., last week.

BALTIMORE, MD.—Crimson clover seed is in great demand and it has developed during the week that local dealers will be able to supply the new crop seed on or before the middle of August at prices ranging from $9 to $9.50 per 100 pounds.—R. J. B.

THE Pieters-Wheeler Seed Co. is mailing the seed trade invitations to visit its establishment at Gilroy, Calif., during the convention tour with illustrated booklet showing the great onion seed fields and other products of Santa Clara County. The invitation is tastefully decorated with eschscholtzia in color. Gilroy is only 85 miles from San Francisco.

GRAND RAPIDS, MICH.—A. J. Brown, of the A. J. Brown Seed Co., expects to join the Chicago delegation to the San Francisco convention. Mr. Brown reports good wholesale and retail business this season and contracts for his pea and bean specialties well booked up.—The L. F. Jones Seed Co.'s business has been well up to the average with the prospect of continued good demand throughout the present month.

THE Wholesale Seedsmen's League has put itself on record as favoring the sale of seeds heretofore sold by the bushel as a unit of measure, by the hundred pounds as a unit of measure, as is done in California. The adoption of such a unit would meet the difficulties of the existing legislative enactments of various states fixing different weights as the weights per bushel of peas, beans, corn and other articles.

THE high prices have induced Michigan farmers to plant a considerable increased acreage of beans this year. The buying prices of white beans at Grand Rapids June 3, hand picked, were $2.75 to $2.80; red kidney, $3 to $3.25; the selling prices, including bags in car lots, $3.10 to $3.15 for white; red kidney, $3.50 to $3.75. Cash beans in Detroit the same date were quoted at $3.10; July, $3.15.

American Sweet Pea Society.

CALIFORNIA SHOW DATE ADVANCED.

California has experienced a wave of warm weather the past week which has forced sweet peas very rapidly into bloom. After the heavy and unusual rains of May, sweet peas had taken on an unusual growth and the sweet pea exhibition, to be held in the Palace of Horticulture, Exposition Grounds, was postponed until June 23 and 24. On account of the warm weather and the fact that the peas were blossoming prematurely, the officials of the American Sweet Pea Society were forced to change the date again from June 23 to 24 to June 11. The exhibition now will be held on Friday, June 11.

LESTER L. MORSE, President.
San Francisco, June 5, 1915.

San Francisco Convention.

S. F. Leonard, chairman of the American Seed Trade Association's transportation committee for the annual convention to be held at San Francisco, Calif., June 22-24, states there will be a big party starting from Chicago this week, Saturday, June 12. Mr. Leonard urges members and their friends to make reservations without delay. The train leaves Chicago June 12, at 8:05 p. m. via the Santa Fe, Kansas City, June 13, at 9:00 a. m., where any number can join the party if reservations are made before the train starts June 12. Particulars of the programme, itinerary and rates appeared in our issue of April 3, page 590. For reservations and all further information address S. F. Leonard, care of the Leonard Seed Co., 226-230 West Kinzie street, Chicago. Telephone, Main 2762.

Seed Crop Outlook.

Owing to the conditions in Europe, American seedsmen find it impossible to make statements at this time of any definite percentages of crop deliveries. In France, Holland and England, owing to the dry weather prevailing during the summer of 1914, the shortage of plants prevented the production of a normal supply of plants for the biennial seed crops of 1915, and because of the unfavorable weather during the past winter the present prospects of crops of beets, mangels, cabbage, carrot, turnips and rutabaga, have been so reduced as to make an intelligent forecast of the results impossible at the present time. Besides the above conditions the general shortage of labor must be taken into consideration. The above conditions also make it impossible to estimate on yields of such annuals as radish, spinach, egg plant, pepper and endive.

American grown crops of peas, beans and corn have been planted up to date of normal acreage. In California liberal preparation has been made for onion, carrot, celery, lettuce, radish and sweet peas, the stands of which are almost uniformly good, with good growing conditions. Salsify promises to be a short crop, and while mildew has made its appearance in some fields of onion this may, or may not, become serious.

Wasting Boxes.

"For our shipping department it is necessary for us to buy some boxes," says a prominent merchant, "and while the idea of saving one box may not appear to be very much, yet in a year's time at 5 cents each I have no doubt that interest on an investment of $1,000 could be saved by carefully opening our boxes and nailing the tops back on them. This might seem a little thing, but no one can deny the fact that the man who is willing to take care of the little things will some day find that it was worth the while. This same efficiency can be improved by carefully noticing broken packages on the shelves and selling goods from these packages instead of breaking open a new package for each sale. There is absolutely no action more uncalled for than that of tearing a hole in the top end or side of a box in preference to lifting off the cover."

Seed Dealer - Not Farmer.

Judge A. M. Cochran, of the United States District court, recently handed down a decision in which he affirmed a recent decision of Referee A. M. Cox, of Cynthiana, Ky., in the bankruptcy case of R. B. Hutchcraft, a seed and feed dealer of Paris, Ky. The bankruptcy proceedings were started against Mr. Hutchcraft after he made an assignment to the First National Bank of Paris. Mr. Hutchcraft claimed exemption from involuntary bankruptcy on the ground that he was a farmer and tiller of the soil and therefore exempt under the statutes. The courts decided that while he is an extensive farmer his main business was that of a dealer and that he could be adjudged a bankrupt. The failure was due to the failure of the George Alexander bank of Paris a few months ago.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Place Orders Now For Late Summer

Thorburn's Seeds

OUR seeds of late summer flowers or plants if all in bloom at one time would give a perfect rainbow-range of color.

You can choose from our stock of seeds successfully, because it is so varied and so interesting: with so many possibilities. You would like our catalog. Write

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW YORK

Growers and Specialists
CROP CONTRACT
Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.
Correspondence solicited.
Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.
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Established 1883.

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SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
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ORCHID SWEET PEAS
will be out in June. If you are not on our mailing book, send your name and proposal.
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Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

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8-9 in., 8-10 in., 9-10 in.
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SEEDS WHICH SUCCEED
Bloomsdale Farm. Bristol, Pa.

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1915 is Exposition and Convention year in California. We urge that you plan to visit California this season. Seedsmen who are interested in beans will find the seed bean farms at Carpinteria and Lompoc where, we produce large quantities of seed beans for seedsmen who are particular about quality, especially interesting during the summer season. We shall be glad to have you call on us at Carpinteria, the place where many of the leading varieties of Lima Beans were originated, several of them on our seed farms. We make a study of growing seed beans.
Henry Fish Seed Co., Carpinteria, Calif.
Carpinteria is located on the Southern Pacific Coast line between San Francisco and Los Angeles, ten miles east of Santa Barbara.

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BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.
SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50. 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.
ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.
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2¼-in. pots, $12.00 per 100; $110.00 per 1000.

Begonia Glory of Cincinnati

2¼-in. pots, $15.00 per 100; $140.00 per 1000.

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Separate colors; finest strain; extra strong plants.
3-in. pots, $10.00 per 100; $90.00 per 1000.

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6-in., 7-in. and 8-in. pots.

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5-in., 6-in. and 7-in. pots.

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In the very best varieties for growing on. 6-in., 7-in. and 8-in. pots.

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can get them at lowest independent wholesale rates by sending their orders direct to
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Special quotations on application.

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Sweet Pea and Nasturtium Specialists.
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CAMPANULA Medium.

For seeds of other perennials see our list of "Flower Seeds for Summer Sowing."

	Trade Pkt.	Oz.
Aquilegia, Canadensis.	$0.15	$1.25
Chrysantha (Golden Columbine)	.15	1.50
Chrysantha Grandiflora Alba	.20	1.75
Coerulea	15	1.25
Hybrida (Haylodgensis)	15	1.50
Rose Queen, pink	.25	
Vulgaris, double white	.10	.65
Double mixed	5	.40
Single mixed	5	.35
Scarlet and p'k shades	.25	
English Long Spurred	.25	1.50
Campanula, Carpatica	.10	.50
Carpatica Alba, white	.10	.50
Medium, single mixed (Canterbury Bell)	5	.30
White, Blue, Striped or Pink, each	10	.40
Double mixed	.15	.75
Calycanthema (Cup-and-Saucer), mixed	.20	1.00
Calycanthema, Pink, Striped, Blue, White, each	25	2.00
Pyramidalis, Blue	.10	.60
Alba, White	.10	.70
Daisy, Shasta Alaska	.25	1.50
Delphinium (Larkspur) Elatum Hybridum, Gold Medal Hybrids	.50	3.00
Double Hybrids, mixed	.15	1.50
Delphinium, Formosum, Blue	$0.10	.75
Coelestinum	15	1.00
Grandiflorum	.25	
Chinese, Blue	.10	.40
White	.10	.50
Digitalis, Gloxiniiflora Alba, Purpurea and Rosea, each	10	.40
Mixed	.10	.30
Grandiflora Yellow	5	.15
Vaughan's Special Mixture	.15	.75
Gaillardia Grandiflora, mixed	.10	.40
Grandiflora Comp. mixd	10	.40
New Hybrids	15	1.00
Grandiflora Maxima Kermesina Splendens	.15	.60
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Coppery red....pkt., 15c		
Hollyhocks, double White, Yellow, Pink, Blood-red, Deep Rose, Salmon, Crimson, Dr. Faust; White with pink base; White with purple base	.15	1.00
Chater's Prize Double mixed ....¼ oz., 30c	10	.80
Single mixed	5	.30
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Everblooming Single Hybrids	.10	.50
Double	.10	.60

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CATALOGUES AND PRICE LISTS FREE ON APPLICATION
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If you are short of Blooming Plants, such as
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GEO. A. KUHL, WHOLESALE GROWER.
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Robert Craig Co...
High Class **PALMS**
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Market and 49th Sts., Philadelphia, Pa.

Asparagus
	Per 100
Plumosus, from 2 in. pot	$2.00
Sprengeri, per 1000, $17.50	2.00
Primroses, ready in July	2.00
Pansy Seed, giant fl....oz., $4.00	

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DELAWARE, OHIO.

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Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000 Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000, Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1000. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. **S. D. BRANT, Clay Center, Kans.**

SPECIALTIES
Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**
IN BEST VARIETIES.
Prices low. Send for list.
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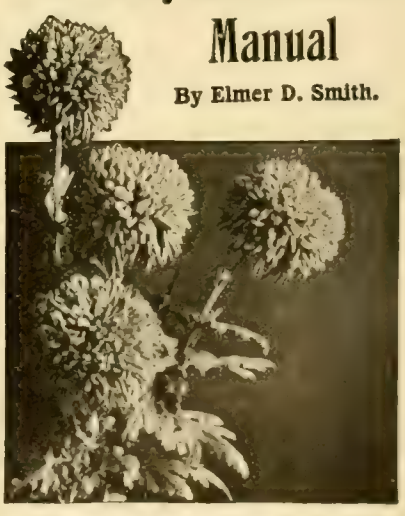

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GERANIUMS
Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and Buchner	$10 00 per 1000
Ricard and Poitevine	12 50 " "
Asparagus Plumosus	25 00 " "
Smilax	12 50 " "

Send for list of bedding plants.
ALBERT M. HERR, LANCASTER, PA.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

COMET TOMATOES are grown extensively under glass at Grand Rapids, Mich., for use in spring and early summer. These tomatoes are sold locally at $1.25 to $1.50 per eight-pound basket.

BALTIMORE, MD.—Strawberries are at least two weeks late, and from present indications will still bear abundantly July 4. A record pea crop has been produced and prices are holding firm. Shipping demand for cabbage is unusually good. A new and heavy demand for cold storage potatoes has developed.—R. J. B.

Prices of Indoor Fruits and Vegetables.

Chicago, June 9.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 7½ cents per box; radishes, 75 cents to $1.00 per dozen bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 50 cents to 75 cents per dozen.

New York, June 9.—Cauliflower, per dozen, $1.50 to $2.50; cucumbers, 60 cents to 75 cents per dozen; mushrooms, 50 cents to $2.00 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 35 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Head Lettuce.

The popularity of head lettuce is on the increase. This is partly due to the long continued season of southern shipments. Often this southern lettuce is of excellent quality and the nature of the product adapts it for long shipment. With this southern supply new problems have come up. As this lettuce is enroute for a long time, it bleaches and yellows, to which the buyer has become accustomed to such an extent that the fresh home-grown product is rejected as "green." No argument will help. The city buyer wants his head lettuce hard and bleached. Therefor soft and green heads are hard to sell at any price. Those who would buy a loose lettuce prefer a leaf lettuce of the Simpson or Grand Rapids type. We have made a specialty of head lettuce for years and have found that in our locality we cannot produce head lettuce to suit the market by seeding the crop outdoors as the heading period falls into the month of June, when temperatures run too high.

We have spared no experimentation to find suitable varieties, soil or fertilizers, but the final result is a conviction that we cannot overcome the defects of high temperatures. Hot weather means loose lettuce and coupled with overhead irrigation means rotten lettuce. A cloudy spell followed by intense sunshine in June means sunburnt lettuce. However, by forwarding the plants in a cool greenhouse and transplanting out as soon as weather permits, say from March 25 to April 10, we can head the crop in May, when weather conditions are generally favorable. For a number of years our May crop has been excellent, so much so that experts have pronounced it the best lettuce ever shipped into our market from any source whatsoever.

The next big trouble was a succession. This May crop comes in a big rush and after we have the trade all looking to us for head lettuce we generally were out, as a few hot days in June and a bad rain would wind up the crop. All attempts at succession have failed. However, we have succeeded fairly well with cold storage. As soon as our May crop is at its best we pack away one-half in cold storage. Then we can prolong the season fully six weeks. The requirements are perfectly sound, hard, mature heads, cut and packed dry and stored at once in a temperature above 32 degrees and below 40 degrees. We have used with success either the standard bushel hampers or the common bushel strawberry crate. Either of these will hold from 20 to 25 heads and the storage charges are 5 cents per month per crate. We are only two miles to large city storage house, hence have made no attempt to put in our own plant. This lettuce will bleach in storage and resembles the southern crop. For varieties we can find nothing as good as Big Boston. We are using a part of the newer French Green Big Boston and French Unrivalled. These latter are more compact and a few days earlier.

Canned Tomatoes Seized.

Dr. I. K. Phelps and Patrick Cronin of the bureau of chemistry of the department of agriculture in Washington, are in Chicago for a conference with Assistant United States District Attorney Frederick Dickinson, who is preparing to start suit in a number of cases under the pure food and drugs act.

It is probable that suits will be started against a number of canning companies and wholesale grocers. Within the last month more than a dozen shipments of navy beans have been seized.

Deputy Marshal Maurice Klein yesterday seized 400 cases of tomato pulp at the Griswold & Walker warehouse at 347 East North Water street, consigned to J. M. Paver from the Scottsburg Canning Company, Scottsburg, Ind. The 400 cases contained 9,600 cans of tomatoes and the federal chemist's report on his investigation of a sample showed 34,000,000 bacteria to the cubic centimeter.

Two hundred pounds of coumarin, valued at $5 a pound, used in the making of artificial vanilla compound, has also been seized. It is alleged to have been composed of 50 per cent of acetanilid.

NEW YORK.—The Jakarsen Floral Co. has been incorporated with a capital of $50,000.

LOUISVILLE, KY.—Three greenhouses, each 30x160 feet, will be remodeled and new houses added to the range of H. Kleinstarink, Letterle avenue.—Wind that attained a velocity of over 70 miles an hour caused damage to glass at the ranges of F. Walker & Co., Anders Rasmussen and other growers in this vicinity, May 25.

CHRYSANTHEMUMS

50,000 rooted cuttings and plants from soil. Leading market sorts. Write for prices.
William Swayne, Kennett Square, Pa.

Cabbage and Tomato Plants.

LEADING VARIETIES

30c per 100 by Parcel Post; by express 75c per 500; $1.00 per 1000; 10,000 and over 85c per 1000; 100,000 at 75c per 1000.
R. Vincent Jr. & Sons Co., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price $1.00—29 Illustrations.
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Watch for our Trade Mark stamped on every brick of
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Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address
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A course for Gardeners, Floristsand Home makers, taught by Prof. Beal of Cornell University.
Progressive florists recognize the growing importance of a knowledge of landscape art.
We also offer a practical course in Floriculture, including Greenhouse Construction and Management.
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HENRY METTE, Quedlinburg, Germany,

GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

SEASONABLE STOCK

BOXWOOD BUSHES.

Bushes, 18 to 24 ins., 75c each; in tubs....................$1.00 each
Bushes, 10 to 12 ins. ....30c each

GERANIUMS.

4-in., in bud and bloom....................$7.00 100
Mme. Salleroi, 2¼-in.................... 2.50 100
Variegated Nutt, 2¼-inch.................... 5.00 100
Rose Geraniums, 4-in.................... 8.00 100

HARDY PERENNIALS.

Aquilegia, California hybrids, 2¼-in., $3.00 per 100. Delphinium Chinense, 2¼-in., $2.50 per 100; Gold Medal, $3.00 per 100; Formosum, $3.00 per 100; Lychnis, 2¼-in., $3.00 per 100; Asters, clumps, $4.00 per 100; Coreopsis, clumps, $4.00 per 100; Anthemis, clumps, $4.00 per 100. August Sown Plants: Sweet Williams, Digitalis, Pentstemon, Campanulas, Hollyhocks, $2.00 per 100. Phlox, extra strong seedlings, mixed, $1.00 per 100.

TRANSPLANTED SEEDLINGS.

Verbenas, transplanted ....$1.00 per 100
Lobelias, clumps in bloom....................$1.00 per 100
Asparagus Sprengeri .... 1.00 per 100

BEGONIAS.

Begonia Chatelaine.		Begonia Xmas Red.	
2¼-inch	$5.00 100	2¼-inch	$6.00 100
3-inch	$8.00 100	3-inch	$10.00 100
Begonia Erfordii.		**Begonia Prima Donna.**	
2¼-inch	$3.00 100	2¼-inch	$3.00 100
3-inch	6.00 100	3-inch	6.00 100
Begonia Luminosa.		**Begonia Triumph.**	
2¼-inch	$3.00 100	2¼-inch	$3.00 100
3-inch	6.00 100	3-inch	6.00 100

Erfordii, Prima Donna, Luminosa, Semperflorens Vernon, transplanted seedlings. $1.85 per 100.
Begonia Gloire de Lorraine, ready now, 2¼-in., per doz. $1.50; $12.00 per 100. Begonia Glory of Cincinnati, 2¼-in., $2.00 per doz., $140 per 1,000, $15.00 per 100.

CANNAS.

K. Humbert, 4-in.	$10.00 100	Express, 3-in.	$ 6.00 100
F. Vaughan, 3-in.	5.00 100	Express, 4-in.	10.00 100
F. Vaughan, 4-in.	8.00 100		

CYCLAMEN GIGANTEUM—WANDSBEK TYPE.

Seedlings, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties, equally divided, $3.00 100; $25.00 1,000. Improved Glory of Wandsbek, dark and light, better grower than any salmon and larger flowers, $5.00 100; $40.000 1,000. Glory of Wandsbek and Rose of Wandsbek, separate, $4.00 100; $35.00 1,000. 500 at 1,000 rate.

Have an enormous stock on hand, all healthy and clean. Supply a number of the largest cyclamen growers in and around Chicago with seed and seedlings.

VINES AND CLIMBERS.

Ampelopsis, extra strong, $20.00 per 100.
Aristolochia, extra strong, 20c each.
Lonicera, red and yellow, 35c each.
Wistarias, 35c each.
Clematis Jackmanii, blue and white, 25c each.

	Per 100
Lantanas, mixed, 3-in.	$6.00
Lantanas, mixed, 2-in.	4.00
Lantanas, mixed, 5-in.,	25 cents each
Lantanas, trailing, 4-in.	10.00
Lantanas, trailing, extra strong	15.00
English Ivy, 3-in.	10.00
English Ivy, 5-in., extra strong and long	35c to 50c each
Poinsettias, stock plants, dormant	$4, $5 and 8.00
Alternanthera, yellow, 2-in.	2.00
Alternanthera, out of boxes	1.00
FUCHSIAS, 2¼-inch	$ 3.00
PETUNIAS, double, mixed	3.00
AGERATUMS, 2-inch	2.50
HELIOTROPES, 2¼-inch	2.50
SALVIA, 3-inch	5.00
SALVIA TRICOLOR	3.00
SALVIA VARIEGATA	3.00
ALYSSUM, double, 2¼-inch	3.00
VINCA, 2-inch	2.50
VINCA, 4-inch	12.00
ABUTILON SAVITZII, 2-inch	3.00
ABUTILON SAVITZII, 2¼-inch	4.00
ABUTILON SAVITZII, 3-inch	8.00
CUPHEA, 2-inch	2.00
ASPARAGUS SPRENGERI, 2½-inch	3.00
ASPARAGUS PLUMOSUS, 3-inch	6.00
DRACAENA INDIVISA, 5-inch	50.00
PANSIES, transplanted	1.00
PANSIES, in bloom	2.00
REINECKIA VARIEGATA, 2¼-inch	5.00

ROSES, BABY VARIETIES.

5-inch, in bud....................$3.00, $4.00 and $5.00 doz.

FERNS.

Roosevelt Runners $2.00 100; $15.00 1,000
Ferns for Dishes, out of flats, extra strong....................$1.50 100
Smithii, new curly fern:
2¼-inch ....$ 5.00 100
3-inch 10.00 100

ARAUCARIAS, 3 to 4 tiers, 40c; 4 to 5 tiers, 75c.
ASPIDISTRAS, variegated, $1.25 each.
KENTIAS, 75c each up.

ERNEST ROBER Cash Please **WILMETTE, ILL.**

Baltimore.

BUSINESS IS NORMAL.

Trade has been about normal the past week. Orders for commencements are keeping up well and design work has been especially good. Cut flower stock sells well, with peonies leading in popularity. The graduation exercises at the United States Naval Academy at Annapolis helped the local trade, many of the floral arrangements being sent from this city.

Edward A. Seidewitz's forces were kept busy with orders for the June week at the naval academy. Orders for commencement designs have been numerous.

The Florists' Exchange supplied their quota of cut flowers and designs for the June week and commencement exercises at Annapolis.

Design work for commencements has been heavy and the forces at Hamilton Floral Shop and Halliday's have been kept busy.

Chas. E. Smith & Son have removed to their new building on Liberty street and report a heavy demand in cut flowers.

Cut flower sales at Wm. J. Halliday's have been good, helping to hold business normal.

R. J. B.

FT. WORTH, TEX.—Five hundred and one entries have already been received in the flower garden competition in the city beautiful campaign. The entries this year already equal the total number of last season.

SOUTH BERKSHIRE, MASS.—Improvements, which will include new greenhouses and other buildings, to the extent of about $200,000, for growing flowers, fruits and vegetables, are contemplated on the estate of William Hall Walker.

Forcing Roses

STRONG GOING STOCK.

Only a Few More Left of

Hoosier Beauty, Hadley, Milady,
Aaron Ward and Russell.

Grafted stock, strong 3 and 4-inch.
Special prices on application for quick benching.
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43 Barclay Street, NEW YORK.
Greenhouses, Western Springs, Ill.

Gardenia Veitchii

Fine stock, 4 inch pots,
$ 12.50 per 100;
$100.00 per 1000.

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New Rochelle, N. Y.

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THE HORTICULTURAL PRINTING COMPANY
BURNLEY, ENGLAND

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President; E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

CAMBRIDGE, MINN.—N. N. Oslund, reports an excellent business at his nurseries this spring.

CHAMPAIGN, ILL.—Nearly a quarter of a million plants and shrubs have been shipped out of the Illinois Central greenhouses here this year.

LOS ANGELES, CALIF.—Thomas Cash, nurseryman, has filed a petition in bankruptcy. He scheduled liabilities of $16,401.14 and assets $9,391.03.

THE death of Henry J. Weber, founder of the H. J. Weber & Sons Nursery Co., Nursery, Mo., is recorded in our obituary column, this issue.

BISMARCK, N. D.—O. A. Miller of the Northwest Nursery of this city has moved here from Calgary, Alta., and will look after the interests of the concern in this part of the state.

VISITED CHICAGO: Herbert Chase, of the Chase & Carr Nursery Co., enroute from the east to Hot Springs, Ark., with his family, where they will spend the vacation season.

NEW YORK.—The C. H. Weeks Nursery Co. has been incorporated by Clarence H. Weeks and Mabel G. Weeks of Lyons, N. Y., and Frank N. Greenlaw, Newark, N. Y.; capital stock, $15,000.

MARYSVILLE, CALIF.—Yuba county will soon have one of the largest citrus and deciduous nurseries in the state. A large nursery company has just purchased 4,000 acres of land near the town of Mission, north of here, and will rush work on the tract. The vast acreage will be planted to olives, oranges, lemons, grape fruit, vines of all kinds, peach, pear, fig, plum and prune trees. More than half a million plants are now on the way to the tract and will be ready for transplanting next winter. Several carloads of machinery and implements of all kinds have already arrived.

Two Chinese Roses.

For many years the cinnamon rose, Rosa cinnamomea, has been the first rose in the arboretum to open its flowers, but this year two Chinese species are beginning to flower at the same time. These are R. Hugonis and R. omeiensis. The former has pale, yellow, single flowers about two and a half inches in diameter and is a tall, perfectly hardy, free-flowering shrub with slender, erect and spreading, pale brown stems and small pale leaves. There are not many yellow flowering roses that are perfectly hardy and free-flowering in this climate and R. Hugonis is certainly one of the most valuable single roses which has lately been introduced into gardens. It is a native of western China and was first raised in England from seeds sent to the British museum by the missionary for whom it has been named. There is a plant of this rose in the shrub collection which will be in full bloom when this bulletin reaches its Massachusetts readers. Rosa omeiensis is flowering in the arboretum for the first time. It is a vigorous shrub with young stems covered with bright red prickles, and pure white fragrant flowers hardly more than an inch in diameter, borne singly at the ends of short lateal twigs, and bright red ellipsoidal fruits which are borne on stout, elongated, yellow, fleshy stalks, and are very showy. It is common on many of the mountain ranges of western China at elevations of from 6,000 to 11,000 feet above the sea, and sometimes grows 20 feet tall and forms great thickets. Its name is derived from that of one of the sacred mountains of China, Mt. Omei, where it is common. This rose promises to be a valuable and distinct garden shrub in this climate and its hardiness, vigor and stout stems armed with numerous straight spines suggest its value as a hedge plant. It will be found in the collection of Chinese shrubs on the southern slope of Bussey Hill with the other roses raised from seeds collected by Wilson in western China. — Arnold Arboretum Bulletin.

Drug Plants Not Unusually Profitable.

Although a large amount of money is spent annually for the importations of crude drugs, and the extermination of a number of valuable native drug plants is threatened, government specialists do not believe that the growing of drug plants offers any unusual opportunities for profit to the American farmer. Drug plants are subject to the same diseases and risks as other crops and, in addition, knowledge of the best methods of cultivation and handling is less general than in the case of other and better known crops. In issuing a new bulletin, Farmers' Bulletin 663, "Drug Plants Under Cultivation," the United States department of agriculture, therefore, warns farmers that in order to have the cultivation of drug plants financially successful in this country, the introduction of improved methods and the extensive use of machinery is probably necessary. Prospective growers are urged, therefore, to acquaint themselves with market conditions before investing any considerable sum of money in this way.

In suitable soil and under favorable weather conditions the following plants have done well under cultivation in numerous places in the Central and Eastern States and, if the difference in climatic conditions is not too great will probably be suitable in other regions:

Anise	Echinacea
Belladonna	Elecampane
Burdock	Fennel
Caraway	Henbane
Catnip	Horehound
Camomile	Pennyroyal
Conium	Sage
Coriander	Stammonium
Digitalis	Tansy
Dill	Thyme

The bulletin mentioned contains specific instructions for the cultivation of each of these plants and of a number of others. In general, it may be said that many wild medicinal plants are much more difficult to propagate from seeds than species commonly grown in gardens. Moreover, in growing medicinal plants from seed it is much better to start the plants in a greenhouse or hotbed than to sow the seed directly in the field.

BOONVILLE, MISS.—An addition to the range of the Boonville Floral Co. is planned for this season.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Clematis, Shrubs, Vines, Perennials, Shade Trees.

Send for list—We sell to the Trade only.

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Shrubbery

THE CONARD & JONES CO.,

West Grove, Penna.

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Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied. Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists — Largest Growers in America

Box 404, DUNDEE, ILL.

Baltimore Nurseries

California Privet

Any quantity, size and age. No better grown.

Shade and Ornamental Trees, Shrubs and Vines.

Full Line of Fruit Trees and Plants.

GET OUR PRICES AND CATALOGUE.

Franklin Davis Nursery Co.

BALTIMORE, MD.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better.

Carloads a Specialty.

—ALSO—

Amoor River Privet,

Berberis Thunbergii,

Well grown and in large supply.

J T. LOVETT, Little Silver, N. J.

PEONIES

AND IRIS

Catalogue now ready.

PETERSON NURSERY

Stock Exchange Bldg.

CHICAGO, ILL.

Our Guarantee—We will replace with three all plants not proving true to description.

Is Your Supply of Effective Cut Flowers Provided?

Lily Flowers are Daily Breadwinners

You make no mistake in ordering from us a weekly or fortnightly supply of the following:

Cold Storage Stock

	No. in case	Per 100	Per 1000
Giganteum, 7- 9 inch,	100	**$6.00**	. . .
Giganteum, 7- 9 inch,	300	. . .	**$53.00**
Giganteum, 8-10 inch,	225	. . .	**75.00**
Giganteum, 9-10 inch,	200	. . .	**90.00**
Valley, (best grade)			**16.00**
Gladiolus, Mrs. Francis King, 1st.			**9.00**

Also a few cases extra LILIUM FORMOSUM, 8 to 10-inch, for immediate planting.

Vaughan's Seed Store

CHICAGO **NEW YORK**

500,000 Pot Plants

of late Propagation and Planting.

In A No. 1 condition ready for market. Orders shipped promptly. Liberal Extras.

Size of pots.	Per 100	1000
2¼ in. **Althernantheras,** red and yel..	$2.25	$20.00
2¼ in. **Ageratums,** white, light and dark blue	2.25	20 00
2½ in. **Asp. Plumosus** or **Hatcheri**	3 00	25.00
4 in. **Asp. Plumosus** or **Hatcheri**	7.50	70 00
2½ in. **Asp. Sprengeri,** large plants	2.50	22.50
4 in. **Asp. Sprengeri,** large plants	6.50	60.00
3 and 3½ in. **Cannas,** King Humbert	5.00	45.00
3 and 3½ in. **Cannas,** Brandywine, Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in. **Centaurea,** Dusty Miller	2.25	20.00
2½ in. **Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed..	2.50	22.50
2½ in. **Cupheas,** Cigar Plants	2.25	20.00
Dracaena Indivisa, 4, 5 in, $10.00, and $20.00 per 100.		
2¼ in. **Fuchsias,** dbl. and sgl., 12 vars.,	2.75	25.00
4 in. **Fuchsias,** dbl. and sgl., 12 vars..	7.50	70.00
2¼ in. **Geraniums,** Nutt, Ricard, Poitevine Buchner, etc.	2.25	20.00
3½ and 4 in. **Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc.	7.00	65.00
2¼ in. **Heliotropes,** white, light and dark blue	2.75	25.00
4 in. **Heliotropes,** white, light and dark blue	7.50	70.00
2¼ in. **Petunias,** sgl., mixed vars	2.50	22.50
3½ in. **Petunias,** dbl., 15 vars., mixed..	6.50	60.00
2½ in. **Salvias,** Bonfire and Splendens.	2.50	22.50
3 in. **Salvias,** Bonfire and Splendens.	5.00	45.00
2½ in. **Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00

—Correspondence solicited.—

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

Chrysanthemums

The **Best** for **Florists** use.

Prices on application.

Elmer D. Smith & Co.
ADRIAN, MICH.

ROOTED CHRYSANTHEMUM CUTTINGS

Our stock is exceptionally fine this season and is the best that you can get anywhere for the money. Select what you want from the following list and let us have your order as early as possible. The early buyer usually gets the pick of the cream, but that is not the case here for all of our stock is of uniform quality and everybody is treated alike until the supply is exhausted. Get busy. Order now.

WHITE	100	1000
Smith's Advance	$2 00	$15 00
October Frost	2 00	15 00
Virginia Poehlmann	2 00	15 00
Alice Salomon	3 50	30 00
Noamah	3 00	25 00
Alice Byron	2 00	15 00
Chas. Razer	2 00	15 00
Lynwood Hall	2 00	15 00
YELLOW		
Chrysolora	2 00	15 00

YELLOW	100	1000
Ramapo. Roman Gold	$2 00	$15 00
Nagoya	2 50	20 00
Yellow Eaton. Golden Glow	2 00	15 00
PINK		
Amorita	2 00	15 00
McNiece	2 50	20 00
Dr Enguehard	2 50	20 00
CRIMSON		
Shrimpton	2 00	15 00

J. D. THOMPSON CARNATION CO., Joliet, Ill.

Roses

Specially priced stock list 2½ and 4-in.

THE LEEDLE FLORAL COMPANY, SPRINGFIELD-OHIO.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere. **$2.50 per 1000. 5000 for $10.00.**

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

2½-in. Rose Plants

GOOD STOCK

Pink Killarney, White Killarney and Richmond at $3.00 per 100; $25.00 per 1000.

GEORGE REINBERG,
162 N. Wabash Ave., Chicago.

A Few Good Things You Want.

Asparagus Plumosus, 2 in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme Sallerol Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

JOSEPH HEACOCK COMPANY'S

PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
5-in. pot	5 to 6	28 to 30	$1.00	$12.00
6-in. pot	5 to 6	34 to 36	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5¼ ft.	$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread	$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
4-in. pot	5 to 6	15	$0.40	4.50
6-in. pot	6 to 7	24	1.00	12.00
6-in. pot	6 to 7	28 to 36	1.50	18.00
	Leaves	In. high	Each	Per doz
9-in. cedar tub	6 to 7	42 to 45	$4.00	$48.00
9 in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

	Each
9-in. tub, 5 ft. spread	each, $5.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. Wyncote, Pa.

Secaucus, N. J.

Komitsch & Junge are specialists in orchids, sweet peas and chrysanthemums. Their peas being now well cut out, they are filling up the space with chrysanthemums. At the residence connected with this range, where the partners live, there is a fine lawn and garden, many beautiful flowering and foliage shrubs being noted.

Carl A. Woerner, who now has the range formerly owned and worked by Otto Grundmann, has a very fine stock of lilies that will be in bloom in about a week. He has other lily stock coming on and aims to supply the market throughout the year.

Emil Savoy, who is a plant specialist, was found busy potting up a stock of palms that had just arrived. He has planted in the field a fine stock of bougainvilleas.

The large range located on the County road which was recently conducted by a company, is now conducted by A. Shirfield.

W. Gulliksen, who has a retail store in West Hoboken, has a considerable glass area here and grows a variety of stock.

H. J. Rarum has had a fine cut of sweet peas and is now preparing for chrysanthemums. A. F. F.

Los Angeles County Hort. Society.

The regular meeting of the society was held June 2, the feature of the evening being a talk on "California Native Flowers," by Theodore Payne, considered the foremost authority on this subject, and the largest attendance ever assembled at any of our meetings, filled the hall to its capacity. The specimens of subjects were never so numerous. Mrs. Belle Miller, of La Cresenta, exhibited over 40 varieties of the native flowers; Dr. and Mrs. Bullard and E. D. Sturtevant also added many rare varieties, not included in the collection of Mrs. Miller. Mr. Payne stated that California has the most wonderful native flora on the globe, but that people of California do not realize the beauty of our wild flowers as much as do the people of Europe. Many varieties of our native plants are grown quite extensively across the water, and are highly prized. For some reason or other little attention has been paid to them here in the past, but of late through Mr. Payne's efforts much interest has been aroused, so it is hoped in the future our gardens will contain many of the free blooming varieties, both in the flowers and shrubs. For the shrubs, Mr. Payne emphasized the Fremontia Carpinteria Californica, the ceranthus and others. He described the flowers, their beauties, their usefulness and the localities of the state where the different varieties habitate. He did not specialize on any one or two varieties, but took the different specimens on exhibition and spoke of their culture and propagation. At the close of his address he was given a standing vote of thanks by members.

At the next regular meeting the chair appointed Frank Lewin of Hawthorne to deliver a paper on roses.

Mr. Blake, representing the Pasadena Horticultural Society, extended a cordial invitation to this society to attend their annual picnic Sunday, June 20, at Eagle Rock Canyon. Upon a straw vote it was estimated that Los Angeles would attend about 150 strong. A vote of thanks was extended to the Pasadena society for their hospitality. The secretary was instructed to mail out announcements with return card, to all members, giving full information and route of transportation to the picnic.

Frank A. Lewin, H. J. Scherer, Harry Johnson, Chas. Gutting and J. N. Fennelly were proposed for memberships in the society, and favorably acted upon.

HAL S. KRUCKEBERG, Sec'y.

Rutherford, N. J.

Though the planting season is now well advanced, great activity is yet noted at the nursery and range of Bobbink & Atkins. Shipments of shrubbery and various plants are constantly going out. As a matter of course, with planting, cultivating and cleaning up, the nursery is a very busy place.

At the range of the Julius Roehrs Co. there is great acticity. The large stock of young plants of the various types of Begonia Lorraine is selling fast. In addition there is a constant shipment of various plants from their large greenhouse stock.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

AMERICAN FLORIST CO., 440 S. Dearborn St. **Chicago**

BOXWOODS--Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½ ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Mention the American Florist when writing

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

Chas. Merkel has a neat range of about 10,000 square feet of glass at Uhland street and Paterson avenue, and grows sweet peas, gladioli and other stocks. A. F. F.

LITITZ, PA.—C. S. Loeffler has placed an order for two houses, each 35x150 feet, King construction. A propagating house, 150 feet long, is also planned.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS
Out of 2¼-in. pots,
$3.00 per 100; $25.00 per 1,000.
ASPARAGUS SPRENGERI
Out of 3-in. pots,
$5.00 per 100; $15.00 per 1,000.
The above prices are for
CLEAN, HEALTHY, WELL ESTABLISHED PLANTS.
PITTSBURGH CUT FLOWER CO.,
116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS, 4-inch pots at $12.50 per 100. ASPARAGUS SPRENGERI, 4-inch, strong, at $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS PLUMOSUS, excellent 3-in. established plants, $4.50 per 100. SPRENGERI, 3-in. fine, thrifty and bushy, $4 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

Asparagus plumosus, 3-inch, nice bushy plants, $5 per 100. Cash please. Edgar Easterday, Nokomis, Ill.

Asparagus Sprengeri, 5 and 6-inch pots, 25c and 35c each. George Bischoff, Ann Arbor, Mich.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus plumosus, 2-in. pots, $2 per 100; Sprengeri, $2 per 100; $17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

ASTERS.

ASTERS. Vick's finest cut flower varieties, from Vick's seed, assorted kinds, 2¼-inch pots, $1.50 per 100; $12.50 per 1,000. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

ASTERS: Astermum, Royal, Crego and Late Branching, transplanted, $3 per 1,000; 2-in., $1.25 per 100. Harry L. Doege, Glen Ellyn, Ill.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Bedding plants: Alternantheras, ageratum, asparagus, cannas, centaureas, coleus, cupheas, dracaenas, fuchsias, geraniums, heliotropes, pansies, petunias, salvias, verbenas. Alonza J. Bryan, Washington, New Jersey.

Bedding plants: Coleus, Golden Bedder, Yellow Pfitzer, 2-in., $2.50 per 100; 3-in., $5; assorted 2-in., $2 per 100; 3-in., $4. Santolinas, 2½-in., $2.50 per 100. Alyssum, 2-in., $2 per 100. Geraniums, pink, red and white, 3-in., $5 per 100; 4-in., $10. Fuchsias, assorted, 4-in., $1 per doz. ivies, 5-in., $15 per 100; 4-in., $12; 2½-in., $3. Petunias, single, 2-in., $2.50 per 100; 3-in., $5; 4-in., $8; double, 4-in., $1 per doz.; $8 per 100. Vincas, 3-in., $6 per 100; 4-in., $12 and $15. Cobæa Scandens, 4-in., $1 per doz., $8 per 100. Begonia Vernon, 3-in., $5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Bedding plants: Alternantheras, red and yellow and Brilliantissima, alyssum, ageratum, begonias, Cobaea scandens, coleus, caladiums, dusty miller, Dracæna indivisa, rose geraniums, Mme. Salleroi, English ivy, lobelias, Marigold, pansies, primulas, phlox Drummondi, petunias, Salvias, Bonfire and Zurich; smilax, Torenia Fourneri, Vinca rosea and alba, variegated; verbenas wandering Jew. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding stock: Fuchsias, alyssum, swainsona, achryanthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. J. A. Peterson & Sons, Cincinnati, Ohio.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS—PYRAMIDS, broad, heavy, uniform specimens: 2 ft., $2.25 each; 2½ ft., $2.75 ea.; 3 ft., $3.25 ea.; 4 ft., $4.50 ea.; price includes tubs, f. o. b. Dundee. BUSH SHAPE—heavy, 12-in. balled, 35c ea.; 14-in., balled, 40c ea.; 16-in., balled, 45c. ea. THE D. HILL NURSERY CO., Inc., Box 404, Dundee, Illinois.

BOX TREES. Pyramids, 2 to 2½ ft., choice trees, $1 each, $10 per doz. Prompt shipment assured. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Boxwood bushes 18 to 24 ins., 75c each; in tubs, $1 each; 10 to 12 ins., bushes, 30c each. Ernest Rober, Wilmette, Ill.

BULBS.

Bulbs, lilies, cold storage, giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9 inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000; King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, 100 Louisiana, 100 A. Bouvier, 200 Crimson Bedder, 100 J. W. Elliott, 250 Allemania, 100 Pres. Cleveland, 100 L. Patry, 200 J. D. Eisele, 250 D. Harum, 100 New York, 400 Pres. McKinley, 100 Duke of Marlboro, 200 Chicago, 150 Chas. Henderson, 150 J. D. Eisele, 250 good red. Fine stock from 3-inch pots, $4 per 100. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc, Improved, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS, standard varieties, divided roots, $2 per 100; 4-in. pot plants, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

WE ARE ENTERING ORDERS FOR
FIELD-GROWN CARNATION PLANTS.
FOR LATER DELIVERY.
WILL MAKE EXCEPTIONALLY LOW
PRICES ON ORDERS PLACED NOW.
PRICES WILL BE SENT UPON
RECEIPT OF YOUR INQUIRY.
CAN SUPPLY THE BEST
COMMERCIAL VARIETIES.
PITTSBURGH CUT FLOWER CO., GROWERS,
121 7th St., Pittsburgh, Pa.

Hardy Carnations, best double mixed; fine thrifty plants; quality plants, $2 per 100. Cash please. George Popp, Jr., Fort Recovery, Ohio.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

FROM OUT-DOOR STOCK PLANTS.
$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

10,000 CHRYSANTHEMUMS in prime condition from 2¼-in. pots or soil. Golden Glow, Bonnafon, Chas. Razer, Pink and White Ivory, Pink Helen Frick, $2.50 per 100; $20.00 per 1,000.
Cash with order.
FRED G. HUNT, DES PLAINES, ILL.

FROM OUT-DOOR STOCK PLANTS.
ROOTED CUTTINGS ONLY—Immediate delivery—October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Chrysanthemum novelties for 1915, our offerings include five commercial, five exhibition and six pompons. Ask for description and prices. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Bonnaffon, yellow	2.00
Chas. Razer, white	2.00
White Bonnaffon, white	2.00
Dr. Enguehard, pink	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

CUT BACK PLANTS.

Well established in soil. Fine stock. Order early.

	Per 100
Salomon Gold	$4.00
Chrysolora	2.00
Ramapo	2.00
Robt. Halliday	2.00
Col. D. Appleton	2.00
Nagoya	2.00
Bonnaffon	2.00
Mrs. Chas. Razer	2.00
Lynwood Hall	2.00
Chieftain	3.00
Enguehard	2.00
Intensity	2.00
Touset	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Aglol, variegated	2.00
H. Hicks, brown	2.00

CUT BACK POMPONS.

Diana	$2.00
Mensa	2.00
Quinola	2.00
Baby	2.00
Pretoria	2.00
Aglol	2.00
Tiber	2.00
H. Hicks	2.00
Golden Climax	2.00
Overbrook	2.00
Mrs. Astor	2.00
Excelsior	2.00
Sabey	2.00
Zenobia	2.00
Mrs. Cubit	2.00
Mary Richardson	2.00
E. D. Godfrey	2.00
Emile	2.00
Ladysmith	2.00

WIETOR BROS.,
162 N. Wabash Avenue. Chicago, Ill.

NOW READY—CHRYSANTHEMUMS.

From 2½-inch pots, nice, clean stock; limited supply.

White Chadwick,	Yellow Chadwick,
Chas. Razer,	Golden Glow,
C. Touset,	Mlle. Dubois,
Yellow Touset,	Armorita,
Maj. Bonnaffon,	Nagoya.

Any of the above, $2 per 100, or $15 per 1,000.

Chieftain,	Yellow Eaton,
Alice Salomon.	Golden Eaton,

Golden Salomon.
$2.50 per 100; $20 per 1,000.

J. A. BUDLONG,
82 E. Randolph St. Chicago, Ill.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

Select what you want from the following list and let us have your order as early as possible.

	Per 100	Per 1000
WHITE.		
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Noamah	3.00	25.00
Alice Byron	2.00	15.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
Roman Gold	2.00	15.00
Nagoya	2.50	20.00
Golden Glow	2.00	15.00
Yellow Eaton	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00
Dr. Enguehard	2.50	20.00
CRIMSON.		
Shrimpton	2.00	15.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

CHRYSANTHEMUMS.

Extra strong, well grown 2½-in. stock.

Unaka, early pink	$3.00 per 100
Lady Harriett, early pink	4.00 per 100
W. R. Brooke, late pink	3.00 per 100
Maud Dean, late pink	3.00 per 100
Patty, late pink	3.00 per 100
Pink Frick, late pink	3.00 per 100
Smith's Advance, early white	3.00 per 100
Polly Rose, early white	3.00 per 100
Early Snow, early white	3.00 per 100
Chas. Razer, midseason white	3.00 per 100
White Bonnaffon, midseason white	3.00 per 100
White Chadwick, late white	3.00 per 100
December Gem, late white	3.00 per 100
White Frick, late white	3.00 per 100
Comoleta, early yellow	3.00 per 100
Col. Appleton, midseason yellow	3.00 per 100
Ramapo, midseason yellow	4.00 per 100
Roman Gold, late yellow	4.00 per 100
Major Bonnaffon, late yellow	3.00 per 100

POMPONS AND SINGLES.
The best varieties for commercial use.
Out of 2½-in. pots, $4.00 per 100.
Baby, yellow, late;
Zenobia, yellow, early;
Irene Cragg, early white;
Marie Masse, early pink;
White Quintus, early white;
H. M. Smith, midseason pink;
Diana, white, midseason white;
Golden Star, late yellow;
Clorinda, late brown;
Newberry, late white.

PITTSBURGH CUT FLOWER CO.,
116-118 7th St., Pittsburgh, Pa.

CHRYSANTHEMUM PLANTS, R. C. standard commercial varieties, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COLEUS.

COLEUS, Golden Bedder, Firebrand and other best bedding sorts, $1.50 per 100; $12.50 per 1,000; strong 2-inch pot plants, not tall or leggy. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

Cyclamen, large flowering, twice transplanted, shipped in paper pots, 3-inch, extra strong, $10 per 100; 3-inch, strong, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

CYCLAMEN, nice 2½-in., large flowering; separate colors, including salmon pink, $5. Harry L. Doege, Glen Ellyn, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN.

Best strain of colors. Xmas Red, Wonder of Wandsbek (best salmon), Rose of Marienthal, Glowing Dark Red, White with Red Eye, Pure White. Strong plants out of 2¼-in. pots, $5 per 100 or $40 per 1,000. Satisfaction guaranteed. Cash with order, please.

J. H. FIESSER,
709-741 Hamilton Ave., North Bergen, N. J.

Cyclamen, pure white, white with red eye, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, dark red, Rosy Morn, brilliant red and bright red, 3-in., $8 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen giganteum, 3-inch pots, $10 per 100. J. A. Peterson & Sons, Cincinnati, Ohio.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

Dahlias, from 2½-in. pots, $5 per 100. Vaughan's Seed Store, Chicago and New York.

DRACAENAS.

Dracæna indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heini, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna Massangeana, 5, 6 and 7-inch pots. Julius Roehrs Co., Rutherford, N. J.

EVERGREENS.

WHITE PINES.

Magnificent specimens, several times transplanted; 10-12 ft., $9 each; 12-15 ft., $11.50 each; 15-18 ft., $15 each. All balled and burlapped. Strictly nursery grown.

D. HILL NURSERY CO., INC.,
Evergreen Specialists.
Box 404. DUNDEE, ILL.

FERNS.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Boston ferns, 4-inch, $10 per 100; 5-in., $20 per 100; 6-in., $40 per 100. Cash please. Edgar Easterday, Nokomis, Ill.

FOR SALE—10,000 handsome Whitmani and Harris ferns, rooted runners, $2 per 100. Cash. E. F. Rose, Taunton, Mass.

Ferns, Boston, 30 inches high, $1. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

GARDENIAS.

GARDENIA VEITCHII—Fine stock, 4-inch pots, $12.50 per 100; $100 per 1,000. ROSE HILL NURSERIES, New Rochelle, N. Y.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

GERANIUMS.

GERANIUMS, S. A. Nutt, Mrs. Buchner, Gen. Grant, R. C., $8 per 1,000; $1 per 100. S. A. Nutt, 2-in., $1.80 per 100. Harry L. Doege, Glen Ellyn, Ill.

25,000 S. A. NUTT strong cuttings, well rooted, $1 per 100; $9 per 1,000. STOCK PLANTS, $5 per 100. Cash. THE W. T. BUCKLEY CO., Springfield, Ill.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Lady Washington, strong 4-inch stock, best varieties, 12½c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, S. A. Nutt and other varieties, 4-inch, $8 per 100. M. C. Gunterberg, 158 N. Wabash Ave., Chicago.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt in bloom, 8c cash. H. W. Allersma, Grand Rapids, Mich.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

GLADIOLUS.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag. Perpetuated moss, $3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag; perpetuated moss, $3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 2½-in. pots, strong, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

IVIES.

ENGLISH IVY, 20 to 30 ins. $3; from pots, 12 to 15 ins., $4 per 100. CHAS. FROST, Kenilworth, N. J.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $8:50 for 500; $4.50 for 250; $2 per 100. Florists' Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

Fuchsias, 2¼-in., $3 per 100. Petunias, dbl. mixed, $3 per 100. Ageratum, 2-in., $2.50 per 100. Heliotrope, 2¼-in., $2.50 per 100. Salvias, 3-in., $5 per 100. Salvia tricolor, $3 per 100. Salvia variegata, $3 per 100. Alyssum, dbl., 2¼-in., $3 per 100. Vinca, 2-in., $2.50; 4-in., $12 per 100. Abutilon Savitzii, 2-in., $3; 2¼-in., $4; 3-in., $8 per 100. Cuphea, 2-in., $2 per 100. Asparagus Sprengeri, 2½-in., $3 per 100. Plumosus, 3-in., $6 per 100. Dracaena Indivisa, 5-in., $50 per 100. Pansies, transplanted, $1 per 100; in bloom, $2 per 100. Ernest Rober, Wilmette, Ill.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANDANUS.

Pandanus Veitchii, 6-in., $1.25 to $1.50 each; 7-in., $2 to $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 6-in., 7-in. and 8-in. pots. Julius Roehrs Co., Rutherford, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	8.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....	$ 0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work, 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Petunias, single, 2½-in. pots, $3 per 100. Vaughan's Seed Store, Chicago and New York.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small	$4.00 per 100
1-year, medium	6.00 per 100
1-year, strong	8.00 per 100
1-year, extra strong	10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery. ERNEST ROBER, WILMETTE, ILL.

PRIMULAS.

PRIMULA MALACOIDES, 4-inch stock in bloom, $12.50 per 100. HENRY SMITH, Grand Rapids, Mich.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

GRAFTED PLANTS.

BULGARIA, 4-INCH, PER 100, $8.00. EXCEPTIONALLY FINE PLANTS FOR EITHER GROWING IN THE GREENHOUSES OR PLANTING IN THE GARDEN, FOR THEY ARE SO LARGE THAT THEY ARE ALMOST READY TO BLOOM.

BENCH PLANTS.

600 bench plants of Prince de Arenberg, one-year-old, own root, now ready to sell. Price $5.00 per 100. Answer quick.

BASSETT & WASHBURN,
131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	7.00	60.00
Milady, 2-inch	5.00	
Mrs. George Shawyer, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO.

OWN ROOT ROSE PLANTS.

	100	1,000
White Killarney, 3-inch	$7.00	$60.00
Richmond, 2½-inch	6.00	50.00

BENCH PLANTS.

Pink and White Killarney, one, two and three years old, $50 per 1,000.

A. T. PYFER & CO.
30 East Randolph St., Chicago, Ill.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Roses, 2,500 fine plants of the best bedding sorts grown for the catalogue trade. Stock kept dormant last winter, and is in splendid shape for out-door blooming; assorted kinds, our selection. 3-inch pots, $5 per 100; 3½-inch pots, $6 per 100 to close. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

ROSES, 2½-inch for Immediate Shipment.

	Per 100	Per 1,000
American Beauty	$5.00	$40.00
Sunburst, own root	6.00	50.00

J. A. BUDLONG,
82 E. Randolph St. Chicago, Ill.

Forcing roses, Hoosier Beauty, Hadley, Milady, Aaron Ward and Russell, grafted stock, strong 3-inch and 4-inch. Special prices on application. Vaughan's Seed Store, Chicago and New York.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSES, Kaiserin, My Maryland, Pink Killarney, etc.; own roots, 2½-in. stock. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

Last call on Salvia Zurich, 3-inch, 4c; 2-in., 2c. Large coleus, 2c. 1,000 3-inch geraniums, mixed, 4c. These are bargains. Simanton & Pense, E. 14th St., Falls City, Neb.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

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Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

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Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

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Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

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Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

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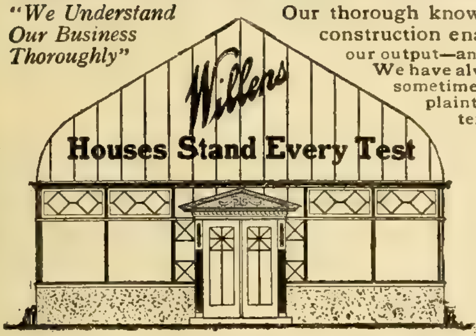

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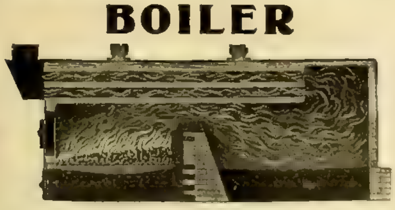

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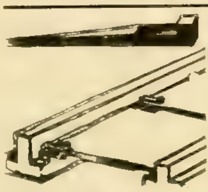

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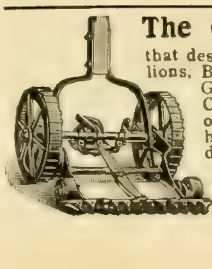

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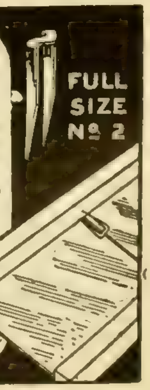

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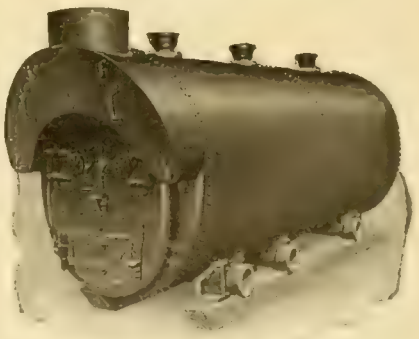

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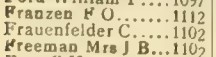

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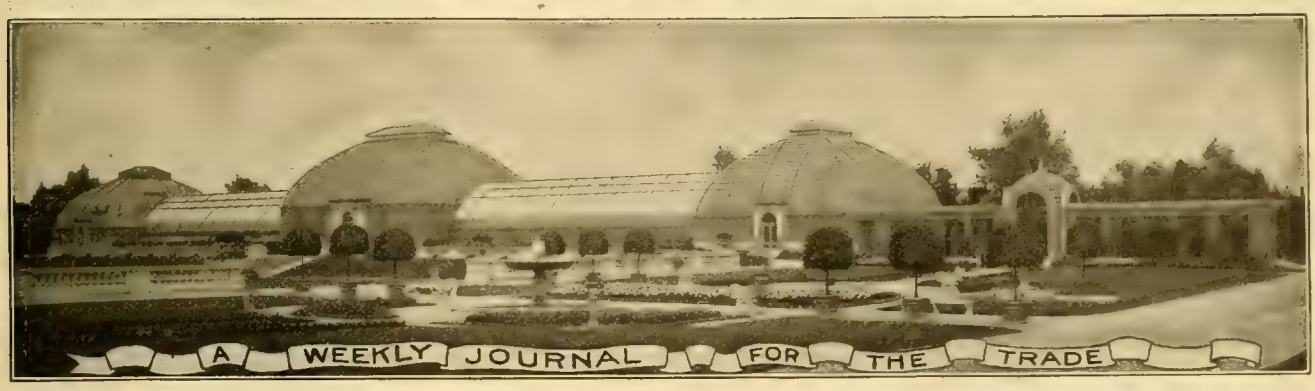

America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

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Annual convention and exhibition at Newport, R. I. July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 131-33 West Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at Minneapolis, Minn., August 24-27, 1915. THOS. WALLIS, Chicago, President; BELLETT LAWSON, JR., Elmwood Cemetery Chicago, Ill., Secretary-Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June 19-20, 1915, at Boston, Mass. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer

SUGGESTIONS FOR PLANT GROWERS.

Freesias.

A crop of freesias, or a few plants in pots in bloom, at Christmas is a valuable asset on that holiday. In order to have them in bloom at that time the bulbs should be planted by July 1. Select the large strong bulbs, and by careful inspection many will be found on which the root eyes are beginning to swell. These will make the earliest blooming plants, and this selecting will produce plants that will all bloom at the same time. The bulbs should be planted in a good soil enriched with well rotted manure, but no fresh manure; it is a well understood principle that bulbs of all kinds do not grow well in soil full of fresh manure. Eight to ten large bulbs in a 6-inch pot will give the best results. The pots should be well watered and placed in a dark, cool place until the shoots appear above the ground, when they should be given a light location. As soon as the growths get tall enough they should be staked and tied. By continual early selection of the bulbs, and keeping the earliest separate, an early strain can be assured.

Calceolarias.

A plant that always attracts attention and is as decorative as cineraria or other plants of that kind, and yet but little grown, is the calceolaria. The culture is very similar to that of the cineraria and is fully as easy. The seeds should be sown at once and shaded until they have produced one or two leaves when the shade should be made lighter. As soon as large enough they should be potted into small pots and shifted along into larger sizes as fast as is required. They should, as soon as well established, be given a light, airy location not shady enough for them to become drawn, but if in the full sunlight will have to be watched closely that they do not get dry. They will require cool quarters during the winter, if nice stocky plants are desired, and under this treatment fine 6-inch pot plants may be had in bloom in early spring that will surely attract attention. For the last potting a good rich soil will be required and when they begin to bloom watering with liquid manure will be beneficial. Like the cineraria they are quickly ruined by aphis and constant fumigation will be necessary. Many growers stand the plants on tobacco stems which are renewed as the strength is lost.

Bougainvilleas.

The plants of bougainvilleas that are through blooming should be cut back into shape and potted in preparation for the next season's growth. Much depends upon the summer care of all hard-wooded stock if nice specimens are to be grown. They should be plunged outside in a frame or placed in full sun in a light airy house. Outside culture is far preferable for all this class of stock in order that a good strong growth, well furnished with foliage, may be assured. Be sure that they never get too dry. The great danger of all hard-wooded stock is letting it dry out, for it does not show it as quickly as the softer growing plants, but the check is more severe and the plants seldom fully recover from it. The young stock rooted earlier should be placed in a similar location, and kept well pinched back into shape, until enough shoots have been obtained to insure a good shapely plant, when they can be allowed to grow freely, but any extra strong leaders are better cut back during the season. Any chance flowers that show should be picked off at once, that a good strong stocky plant may be obtained and the strength all retained for that purpose.

Oleanders.

A plant that does not receive the attention that it should is the oleander. While there probably would not be a large demand for this plant, yet it is an old time favorite, and well grown specimens in bloom are a valuable addition to a porch or lawn. They are too often so sadly neglected that they get unshapely and far from being an ornament, but a little attention to trimming them into shape after they get through blooming will keep them in good condition. They can be wintered in any cool quarters, and if

brought into the heat and light in early spring will be full of bloom in June and July and a valuable decorative plant. The cuttings root easily and at any time when the plant is in growth, and grow very rapidly for a hard-wooded plant. Any florist carrying a line of assorted stock should include a few of these in the variety which he cultivates. The only insect which troubles them is the mealy bug, but a good frequent hard syringing will soon dislodge them.

Nephrolepis.

Probably no plant that the florist grows gives more return for the labor spent in its culture or the space that it occupies than the Boston fern and its various sports. The old Boston is still, however, the easiest to handle and grow. The plants should be repotted every year, and with good treatment are sure of making nice plants. Any plants that are in poor condition can be divided and with the young stock planted in a bench of good rich soil. The house should be shaded enough to assure of good color on the foliage, but not heavy enough to prevent the house being maintained at a good high temperature. During the day the house should stand at about 80 degrees with a little ventilation which should be closed down before the sun leaves the houses. The plants can be set six inches apart and the soil should be two parts loam, one part leaf mold, and one part rotted manure. The house should be frequently syringed to keep a moist atmosphere. Under these conditions fine plants can be produced from young stock in three months. In September they should be lifted and placed in 6-inch pots, if single specimens are desired, or three or four plants can be placed in a 9-inch or 10-inch pot if larger plants are wanted. In lifting the plants they can be cut around about two inches from the crown, and lifted with a trowel, leaving the runners in the bench, if the place they occupy is not wanted at once. The runners will immediately break into small plants which can be placed in flats for young stock for the next season. The finer varieties of this fern, such as Whitmani, do not submit to the lifting and potting as well as the old Boston and better plants can be obtained by potting along into larger pots as may be required. The only insects that trouble these ferns are the brown scale, and the plants should be kept clean from these either by washing, or spraying with aphine, or a weak nicotine solution.

Poinsettias.

The propagation of poinsettias should be pushed to the utmost at this time, for it is the plants that are rooted early in July that make the best single specimens at Christmas. Those that are rooted later in July and during August will make fine plants for pans, placing four to eight plants in a 6-inch or 8-inch pan, for they will be much shorter than those rooted early in July. The plants that were rooted earlier should now be growing nicely and should be shifted into larger pots as soon as they require it; under no circumstances allow them to become pot-bound until the bracts begin to set in November. They should be placed in the bright sun as soon as strong enough to endure it, that the growth may be short and sturdy and the leaves as close together as is possible. A long, drawn plant grown in the shade, with the leaves far apart, is not the typical plant for the holidays and does not meet with approval.

Municipal Rose Gardens.

The chief attraction of every large city is its public park; it is the pleasure ground of the people who take great pride in it themselves and never tire in extolling its great beauties to the visitor. If a convention elects to come to the city, a drive through the park is sure to be one of the important events in the entertainment of the delegates. The particularly bright beauty spots are the conservatories and flower beds, the brilliant colors of the latter being always sure of favorable comment.

In nearly every city park there are beds of roses, but with few exceptions they are not of such importance as to be even an attractive feature. In the month of June walking through the suburbs of any large city or town, in which reside the well-to-do class of people, whose spacious grounds or even medium-sized lawns show the owners take a pride in them, one is sure to see many beautiful roses; the ramblers on porches, pillars, pergolas or fences, while beds of hybrid perpetuals, hybrid teas and other sorts are all aglow with their glorious blos-

"TWIN OAKS," HOME OF MR. AND MRS. CHARLES J. BELL, WASHINGTON, D. C.

Arch of Tausendschon Roses.

"TWIN OAKS," HOME OF MR. AND MRS. CHARLES J. BELL, WASHINGTON, D. C.

Rose Arbor and Arches: Peonies in the Foreground.

soms. While these private collections give great pleasure to their owners and are much admired by the passers-by, they are but a glimpse, of what is possible and what should be a reality in every large community—a municipal rose garden. This should be in a portion of the park, easy of access, one, two or more acres being set aside and turned over to the landscape gardener to lay out in the latest up-to-date manner, with pergolas, summer houses, arches, pillars and other useful and ornamental supports for the climbers, while terraces, depressed beds and level surfaces are prepared for the hybrids, free flowering hybrid teas and baby ramblers of the polyantha type. The surface of this garden should be a sod with no gravel or other paths. As the beds are laid out and planted, the paths become evident, and have many advantages over the gravel. The unbroken green surface is a much better setting for the garden as a whole.

What is possible in an extensive and well arranged garden of this character has been shown in the comparatively small one-acre garden at Hartford, Conn. This beautiful spot, with its well arranged beds, its arch-covered grass walks, its pillars and long trellis fences, when all aglow with their beautiful masses of color the first week of July, make this indeed an earthly paradise, the delight of thousands of visitors daily during the season. Such an attraction, of greater or less extent, in keeping with the population, should be possible in every community of this broad land. There has never been an annual event in any city or town that could compare to the beauty and magnificence of a well-kept garden, planted with the great variety of the climbing, the hybrids, the hybrid teas and the polyantha roses that are now available. With each recurring season "Rose week" would be the special event of the year. Nothing could be more inspiring or elevating than this beautiful display of nature at its best, heightened by the skilled hand of the landscape artist to get the best color and landscape effect.

As an educational feature and help to the florists' business, it could not fail but be of great benefit. Many a neglected yard would be put in order, porches would be seen to blossom out that never knew a rose before, entrance gates would be arched with bloom and ever-flowering roses would brighten the corners of many a heretofore neglected garden.

THE PARK ROSE GARDEN.

Imagine a plot of five acres in extent. As one approaches, along the drives are seen single specimens trained to pillars of such varieties as Tausendschon, Excelsa, Lady Gay, Philadelphia Rambler, Gardenia, American Pillar and a host of other favorites. Arriving in the garden the scene is almost beyond description, its undulating surface of green sward, the terraces, the depressed plateaus, the long pergolas, the arched paths, the lattice-covered seats and the summer houses, all covered with their wealth of buds and blossoms, are masses of color, gorgeous in the extreme. The hedge-like lattices, enclosing the grounds with their solid banks of white, red, pink or yellow, are dazzling in their beauty.

The hybrid teas in the depressed plateaus and other beds, the polyantha or baby ramblers in the long borders and in the terraces join in the spring festival with the ramblers and keep up the interest throughout the summer.

Is not such a paradise of roses worth working for? It is possible—the expense of installation is not prohibitive, nor is the care and preservation. If the trade in each community would get together, select the ground, have their landscape artist prepare a colored plan, get the park commissioners interested, also the prominent citizens. Garden societies and civic improvement associations are to be found in all large cities and towns. "The City Beautiful" is the slogan everywhere. Let the trade lead the way with a generous subscription and others will follow. Push the good work along; the realization is well worth all the effort that will be found necessary to bring it about.

NEW HAVEN, IND.—The New Haven Floral Co. has increased its common capital stock from $5,000 to $10,000 and its prefered stock from $5,000 to $20,000.

DALLAS, TEX.—At the annual meeting of the local florists' club, May 26, the following officers were elected for the ensuing year: J. M. Dawson, president; W. W. Robinson, vice-president; H. W. Schaefer, secretary; Louis Oeasch, treasurer.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Working Up the Surplus.

Even with the most careful buying, almost every day will have its surplus. At one time the run has been for pink or red roses; the white are left at another, white and red carnations accumulate, and if not disposed of, or used up in work, there will be a loss in this item. Vases of snapdragons hang fire—nobody fancies them, or calla lily stock begins to gather pollen; the sweet peas are accumulating and getting light in color; violets are also overstocked, too many of yesterday's are still left, and so on down the line—one thing today, another tomorrow, depending on the demand.

While it is inevitable that there will be loss from unsold stock, a careful and studied handling will prevent this becoming serious. Flowers that are to open, or not fresh enough to be sold by the dozen, can generally be used up advantageously in baskets or in work for funerals. Many occasional customers, particularly those who buy commencement flowers, or wreaths, sprays, etc., for funerals, are not quite certain just what they want, so that the salesman who knows his stock and what needs to be sold, makes his suggestions with this in mind. Sprays or wreaths are recommended and the order taken, if possible without specifying the exact flowers to be used. "Just leave it to us and we will see that you get something handsome," is the final word, which the piece when turned out is almost always sure to be for the price.

The variety combinations of stock on hand that is not moving, can be made very presentable with a little careful handling and not too much mingling of colors. In the wreaths, roses that are pretty well open can be used as a foundation, and with hyacinths, freesias, sweet peas or lily of the valley, violets, etc., to top off, without covering up or hiding the roses, a very creditable piece can be turned out. The roses for the spray should always be fairly full; smaller, tight buds are not nearly as effective. The snapdragons can be worked into a beautiful spray with roses; in fact, almost anything can be used in such an arrangement, and when tied with a suitable ribbon is very effective.

Keeping down, or using up the surplus, is a part of the successful management of the store. Stock that is accumulating is to be pushed, and should the customer favor white flowers, when it is desirable to work off the pink, then it is up to the salesman to so change their mind that they think that color will be the best and they go away with the idea that they made the best choice and secured just what they wanted. Many orders are received over the 'phone and in most cases the customer will take the suggestion of the salesman as to the best flowers to be used, so that if careful handling of the stock is kept in mind when sales are being made, there will not be very much left to go down the chute.

Plants can also be handled and worked off before they are a total loss, principally by reducing the price. Many storekeepers hold on to the original profit, even after the plant has began to have a passe appearance. Some customers like to bargain, offering 50 cents to $1 less than the price asked. After this has been refused, the plant then stands the dealer, not what it originally cost him, but the price refused, as he could have sold it for that figure, made his smaller profit and invested again. It is best to keep close tab on the blooming stock, moving it off as it deteriorates by reductions in price, taking less profit rather than holding for the original figure and taking a total loss in the end. Better sell things quickly at a smaller profit and with new additions, keep the stock fresh and inviting.

Cocos Weddelliana.

This dainty, graceful, slender-leaved palm has of late years become a great favorite. At one time it was rarely grown to any size, most of the plants being used as a center for ferneries. Many growers tried it and gave it up in turn, as the foliage would turn yellow, scarcely fifty plants out of a hundred being salable. Growers in Europe finally began to grow the palm into larger sizes, which added greatly to its beauty and effectiveness. With this example before them, Henry A. Dreer, Philadelphia, Pa., who had grown the cocos in quantity in smaller sizes, took up the production of larger plants. Its peculiarities soon became known to them, and now it is as easily managed as a kentia, a large range of several houses is entirely filled with it, where it can be seen growing luxuriously in all sizes up to plants five feet in height. It has many uses, first as a center for ferneries, larger sizes adding grace to the plant baskets of the holiday season, or banked with choice ferns as a center table piece. Larger plants are in a class by themselves as ornaments in jardinieres for the drawing room, their bright, glossy foliage, with its graceful curves, almost lace-like in appearance, makes it a plant gem of the first water. When of good size, it is quite a hardy plant, standing very well the average atmosphere and treatment of the ordinary dwelling. It is a plant that should be in every florist's stock, as if more generally introduced, it would become a companion to the kentia. In cut flower work it can be used to advantage, small to medium sized plants cut off and used for a spray of green, or to add a touch of elegance to a large wreath or other design, are more than worth their cost.

K.

Dreer's Rose Test and Peony Gardens.

For the past three weeks the nurseries of Henry A. Dreer, Inc., Philadelphia, Pa., have been the Mecca of the lovers of flowers, both amateur and professional, their object being especially to see the roses in the test garden, which, on account of the cool weather, have come along gradually and have been better than ever before. While it can be called a test garden, yet it is more correctly an exhibition of varieties—an outdoor museum as it were, containing everything of merit in the classes displayed.

The hybrid teas are the feature; all the meritorious sorts, which have won a place, are seen in blocks of six to a dozen plants, while the newer varieties, from one to a half a dozen plants, are in their second or third year. The most recent introductions of this or last year, are all on trial; one or more plants of a kind, many of them under number. They are a grand sight at this time, entrancingly beautiful, with their great variety of form and color. Messrs. Eisele and Clarke went carefully over the beds one day last week, looking for some that could be discarded, but found their task most difficult, and finally determined that they must confine the cutting down to the hybrid perpetuals, which could not keep up in the race with their more beautiful and particularly free flowering relatives of the hybrid teas.

The roses are planted in long longitudinal beds with grass turf walks between. This green background sets off their masses of color in great relief and is much pleasanter to walk on than gravel. To describe the varieties would take a volume. They must be seen and no one ever goes away without increased admiration and love for the queen of flowers. Many similar gardens on a small scale have been started with the inspiration of a visit to this garden of delight.

ROCK GARDEN AT DREER'S, RIVERTON, N. J.

The rambler types are all given a trial, both here and on other portions of the grounds. A new rambler of great promise is Climbing Lady Ashtown, a wonderfully large and beautiful flower of Mme. Leuizet pink, with

COCOS AT DREER'S, RIVERTON, N. J.

blooms almost as large and double as this famous hybrid.

The peonies, on a large plot three miles from the main nursery, would take almost a day to inspect. They are gorgeous masses of color when in full flower, a sight worth a visit of itself. All the standard sorts are to be found here correctly named. The undesirables have been weeded out through a process of elimination, while all the new ones that are brought out annually are given a chance. Peonies take a long time to become set and of sufficient strength to produce their best flowers; those of the first year or two are apt to be disappointing, propagation being necessarily slow of a new sort, as it must be done by division of the roots. It takes almost ten years to get up any sized stock of a new variety.

One could spend a week going over and inspecting the various sections and divisions of this great establishment and then not see it all. The herbaceous collection seems almost to be without limit. The hardy phlox, when in flower, are wonderful in their great variety. The acres of dahlias of all classes are the largest and most varied collection in the United States. Cannas are also a feature, as all the standards, everything of merit and still untried new varieties, are seen in this section, acres and acres in extent. Acres of petunias grown for seed, each flower separately hybridized, for which this house is celebrated, the water lily pond, the iris beds and a host of other specialties grown in quantity are seen and all go to make up the magnitude of this great nursery.

In the immense ranges of glass are found the largest and most varied collection of tropical plants in this country. Kentia palms are handled in all sizes by the thousand. A special feature is the Cocus Weddelliana, all grown here from the seed up to speciman plants four to five feet in height. Ferns are seen in a bewildering assortment. Cibotium Schiedei is a specialty; this firm was the first to send it out as a hardy fern, suitable for decorative purposes. Adiantum Farleyense and the Glory fern are also grown by the houseful. Take it all and all, it is the greatest establishment of its kind in the world.

The master hand, whose skill and untiring energy has brought it to its present enviable position, is Jacob G. Eisele. He is still at his post, in vigorous manhood, and with his corps of able assistants, brought up under his supervision, is to be found every day, planning and working with them for a still greater efficiency. K.

Floriculture at Mass. Agric. College.

The department of floriculture offers several new courses for the next college year. The outline of courses to be given in floriculture is as follows:

Course 1. Greenhouse management. This course is designed to familiarize students with the methods followed in the management of greenhouse crops. The students are instructed in the practical operation of glazing, concrete bench construction, watering, potting, fumigating, ventilating, and in the method of propagation of plants by seed and cuttings. They will also be expected to arrange their hours according to the needs of the work. Juniors—Lectures, 2; laboratory, 6 hours; credit, 5; prerequisite, horticulture, 2. Associate Professor Nehrling and A. S. Thurston.

Course 2. Greenhouse management. Continuation of Course 1. In addition, work in the use of cut flowers and plants in decorative work, the arrangement of flowers in baskets, designs, vases, table and home decorations, will be considered. Juniors—Lectures, 2; laboratory, 6 hours; credit, 5. Associate Professor Nehrling and A. S. Thurston.

Course 3. Commercial floriculture. A detailed study of the methods of culture of greenhouse plants and cut flowers for wholesale and retail markets will be carried on. The care and marketing of all florists' crops will also be considered. Assigned readings on these topics. Seniors—Lectures 2; laboratory, 4; credit, 4; prerequisite, floriculture, 1 and 2. Associate Professor Nehrling.

Course 4. Commercial floriculture. A continuation of Course 3. Seniors—Lectures, 2; laboratory, 4; credit, 4; prerequisites, floriculture, 1, 2 and 3. Associate Professor Nehrling.

Course 5. Greenhouse construction. The design, construction, cost, maintenance, heating and ventilating of greenhouse structures. Also the drafting of specifications for commercial houses and private ranges. Should be taken with Floriculture 1. Juniors—Lectures, 2; laboratory, 2; credit, 3; prerequisite, horticulture, 2. Associate Professor Nehrling.

Course 6. Garden flowers and bedding plants. The propagation and culture of annuals and herbaceous perennials, bulbs, etc. Also a detailed study of all bedding plants used in outdoor work. Seniors—Lectures, 2; laboratory, readings and field trips, 3; credit, 3. Associate Professor Nehrling and A. S. Thurston.

Course 7. Conservatory work and decorative plants. A study of the types of tropical and subtropical foliage and flowering plants used in conservatory work. The arrangement and care will also be considered. Assigned

CIBOTIUMS AT DREER'S, RIVERTON, N. J.

readings. Should be taken with Course 4. Arrange time. Lectures, 2; laboratory, 2; credit, 3; prerequisites, floriculture, 2 and 3. Associate Professor Nehrling.

This spring a bontanical collection of herbaceous perennials has been started under the immediate supervision of A. S. Thurston, who has been making a special study of this subject. The collection which now contains about 400 different species and varieties, will be used for class study, observation and experimental study. The collection will be added to annually and it is intended to make this collection the largest and best in New England. The garden is composed of 18 beds, with 5-ft. grass walks. The main part of the garden is made up of three series of beds, with four beds in a series; each of the beds being 54 feet long and 12 feet wide. One row of six plants of each species or variety is the unit; and for convenience of study each genus is kept together. At the head of the garden there is a double row of beds each 30 feet long and 8 feet wide. To one side of the garden there are three large blocks of peonies.

With the close of the college year the regular work in floriculture has ended. Professor A. H. Nehrling, the head of the department, will stay in Amherst through the month of July to teach in the summer school, in which he offers two courses, one in amateur floriculture and one in garden flowers. At the close of the summer school Professor Nehrling will take a trip to the Pacific coast, where he will attend the two expositions and also take in the S. A. F. convention. He will return by way of Florida, where he will visit his father, Henry Nehrling.

A. S. Thurston, the assistant in floriculture, will spend the summer in graduate study at Cornell University.

The department strongly advises its students to get all the practical experience possible, and so each summer a number of the men go out into practical work. As usual, the department has placed a number of men for the summer. During the summer months, the department will make numerous repairs, among which will be the painting of the greenhouses and the construction of concrete frames.

Cult of the Daffodil in England.

Some 20 or 30 years ago it was thought by many that the daffodil and narcissi had outlived their welcome and that there was a danger of sinking rapidly in popular favor. Some of the big market growers had given up growing them because so many others had started the same game, and prices were not what they used to be. Then that far-seeing nurseryman, the late Peter Barr, took them in hand, and once more the public interest in them began to revive. Public parks and gardens took them up and planted them in thousands, not only in formal beds, but also in "wilderness" and more or less unkempt spots on the lines recommended by W. Robinson in his naturalizing crusade in British landscape gardening. Indeed, it may be said with truth that the ideas enunciated by Mr. Robinson 20 and even 40 years ago, although at the time regarded as rank heresies, have for many years been carried out in almost every garden of note in the British Isles. Curiously enough, however, people are under the impression that they themselves originated the idea of natuarilzing daffodils and narcissi in grassland and woodland, but the fact really is that they have grown up more or less permeated by the teachings of Mr. Robinson when they were only children. And now we have every class and grade in society in love with these charming amaryllis.

Perhaps one of the chief reasons that the daffodil and narcissus have advanced by leaps and bounds into popular esteem is that they have lent themselves so readily to the wiles of the hybridist. He has stepped in and by crossing and inter-crossing the different sections, has completely broken down the arbitrary lines previously laid down by botanists. Some wonderful creations have resulted from the labors of the hybridist. Of course, leading firms like Barr & Sons, Thomas Ware, Bath, Pearson & Sons and others, have held a predominant position in the daffodil world, but of late years amateurs, wealthy and otherwise, have taken a hand at the game, and have distinguished themselves by some wonderfully fine productions. Perhaps the oldest and most scientific of these is Mr. Engleheart, who at one time was practically alone in this field of labor. It was he who showed what was possible by careful selection and breeding, and since the laws of Mendelism have come to be recognized as a force in matters horticultural, immense strides have been made in the yearly production of novelties.

This is clearly demonstrated every spring at the Royal Horticultural Society's shows in London. Here one sees the very latest pets among daffodils and narcissi, and the only tantalizing thing about some of them is that when one advances, notebook in hand, to write down the name of some exquisite variety, he is disappointed to find that it is labelled with a number, like a convict without a name! Of course, the raiser tests public opinion in this way, and he soon finds that if a certain number or numbers are asked for frequently, he has struck a really good thing that is worth developing and naming.

At present the number of varieties is bewildering, and the sections so well defined a few years ago, are now broken down to such an extent that it is difficult to "place" some of the newer forms. In 1910 the narcissus committee of the Royal Horticultural Society attempted to draw up a logical system of nomenclature, to bring order out of chaos, and to a certain extent they have succeeded. There are now 11 different sections or divisions into which all daffodils or narcissi are supposed to fall; and if they do not fall into them naturally, they are pushed into one or other of the sections most suitable for the time being. Nevertheless, there are forms that elude all rules and regulations and must be described as nondescripts.

Of the 11 sections, perhaps the large-flowered or trumpet daffodils still holds supreme sway on account of size, boldness and grandeur of the blossoms, whether these be all yellow, or all white or cream, or bicolors, that is, with a yellow, lemon or primrose colored trumpet, and a white perianth. Among the self yellows the palm must be given to King Alfred, which never fails to attract universal admiration owing to the size, substance, deep color and perfect symmetry of the blooms. Queen of the West is another fine variety after the same style, and in the absence of King Alfred would make a splendid substitute. The older favorites like Horsfieldi, Emperor, Empress, Henry Irving, Golden Spur and Victoria, still hold their own, and they want a lot of beating for freedom of blossom and easy cultivation, especially for the market grower.

Next to the trumpet section, there is no doubt that the Poet's or Pheasant's Eye narcissus has taken a very remarkable hold upon the public. It has lent itself so readily to hybridizing, and has already evolved so many graceful forms, remarkable for the pure coloring of the perianth, and the enlargement and brilliant tinting of the corona, that there seems to be a fine future before it. The well-known variety, ornatus, and the later flowering one, recurvus, although still grown for market in hundreds of thousands, have been superseded so far as size, form and beauty are con-

INTERIOR OF TRAENDLY & SCHENCK'S NEW WHOLESALE STORE, NEW YORK.

TRAENDLY & SCHENK'S NEW WHOLESALE STORE, 436 SIXTH AVENUE, NEW YORK.

cerned. Nevertheless these old favorites will hold the day for several years to come, until the newer creations have become so numerous that the price of them will bring them within the means of the ordinary grower for market. At present perhaps the variety nearest this state of affairs is one called Horace. It has a bold, flat flower with pure white segments, and a conspicuous eye or corona, is a good "doer" and throws its blooms up on good, stiff, long stalks. Flowers of this variety realize twice and often three times as much in the florists' shops as those of ornatus, which comes in at the same time. Another good variety, in the same way as Horace, but about twice as dear, is Cassandra. It is perhaps a little larger and fuller than Horace, and perhaps if one has the latter there would be no need for the other, as they do really come fairly close together.

One other section of the newer narcissi is worth mention, namely, Poetaz varieties. At first the hybrids of these, obtained by crossing the Poet's narcissus with the bunch of Tazetta narcissus, were disappointing. The flowers were neither one thing or another, and were lacking in purity of color. Experience, however, has taught the hybridist how to obtain better forms, and now we have some that are models of vigor, purity of color, and excellence of shape. The individual blooms, although smaller than those of the Poet's narcissus, are nevertheless more substantial in petal, and what is a great gain from the florist's point of view, several flowers are borne on top of a long stout stem, instead of a solitary one as in the ordinary poeticus. As a market flower, I think there is a future before the Poetaz narcissi. This year I grew a few hundred bulbs, and sent the flowers to market with some of the late Poet's narcissus. The Poetaz were sold in a jiffy, and fetched three times more than the others. So I intend to develop that particular line at present. W.

San Francisco.

GOOD TRADE FOLLOWS BEST MEMORIAL DAY.

Every florist in this city, without any exception, claims that they have experienced one of the best Memorial day's businesses in their history. The weather was ideal, and prior to the day itself, a very large shipping business was done which kept the market cleaned up every day. A great lot of flowers were sent to the northern part of the state and also to Nevada. The wholesale men disposed of a vast amount of stock in this way that otherwise would have been thrown on this market. Prices brought for all classes of stock were very satisfactory, as, owing to the previous period of bad weather there was no great abundance of outdoor stock. There were plenty of roses, all of which cleaned up well. The greatest call was for sweet peas and carnations. The former, unfortunately, were in short supply, as was expected. Carnations were in fairly good supply and advanced sharply during the week, owing to the steady demand. Bride gladioli as usual were in great demand and the supply was hardly enough to go around. America and Mrs. Francis King were also used largely. The demand for pot plants of all kinds was rather light, but in this city there is never a very great sale of plants for this day. What the people want is a great quantity of flowers. Trade has been holding up very well during the days following Memorial day. There are plenty of flowers of all kinds. Carnations are again plentiful and sweet peas are in great abundance. Spencers are very plentiful now and are bringing much better figures than common varieties. Orchids are also plentiful, especially cattleyas. Lily of the valley is coming in in large quantities and is all being disposed of easily. American Beauties are scarce, but all other roses are plentiful; some of the varieties are beginning to show the effect of the hot spell. Dahlias are coming in slowly and peonies are over.

NOTES.

The most interesting event held during the past week was the sweet pea show, in the Palace of Horticulture, under the auspices of the American Sweet Pea Society. Owing to the recent hot spell the date of the exhibit had again been changed to June 11, instead of June 23-24. The management of the show felt they were acting in the best interests of all by changing the date, because at that time the sweet peas were at their best. Lester L. Moore, president of the American Sweet Pea Society, left nothing undone to make this show a splendid one and used large space in the daily papers of this city, advertising the show. On June 12 the children of this city were invited to make a display of sweet peas, also under Mr. Morse's direction. Frank G. Cuthbertson, assistant secretary of the society, was Mr. Morse's co-worker in

this project, which proved a great success.

The schedule for the chrysanthemum show to be held at the Palace of Horticulture in October, in conjunction with the Chrysanthemum Society of America and the Pacific Coast Horticultural Society has been mailed during the past week. The schedule is a very comprehensive one, showing a very large prize list. The committee in charge have worked long and carefully in preparing this list and it is on the whole quite satisfactory. H. Plath is to be manager, John R. Fotheringham, assistant manager, and T. F. Taylor is secretary. All the cash prizes offered are donated by the exposition. W. E. Rewer says that many growers have been preparing for this show for a long time and all expect it to prove our finest fall exhibition.

The seedsmen of this city are very busy just now preparing for the arrival of the American Seed Trade Association. President Morse has all the details well in hand. He is receiving hearty support from all the prominent California seed growers. Nearly all of them have been in this city as individuals, but this is the first time the association ever met in this city as a body.

H. Schluter, of San Rafael, paid a visit along the peninsula, the first in over 20 years. Mr. Schluter was once a private gardener in that locality but since establishing his nursery at San Rafael has never been able to see the early scenes of his labors. He plans to leave next fall for a trip around the world and retire from business.

Saturday, June 5, being Luther Burbank day at the fair grounds, the exposition directors presented Mr. Burbank with a bronze placque as an appreciation of his work in horticulture. A great many thousand packets of seeds of some of his improvements were distributed among the visitors free.

Chas. Navlet is making quite a prominent display of Spencer sweet peas in his new flower stand in the Emporium. G. W.

Pittsburgh.

WORST GLUT OF THE YEAR.

The past two weeks have seen us through the worst glut of the year here, and there are so many flowers around that a person feels weak when he realizes that there are practically no sales for the thousands and thousands of flowers which find their way to the market. Of course the dumps and the street fakirs are usually the main arteries for the outlet. The extremely warm weather, which we have been having of late, has been making the growers and wholesalers work overtime, and, at the same time, is very detrimental to the retail business. June weddings and commencements are about all that keep trade alive, and transient business is practically dead. The carnival men, by the way, help to clean up the surplus stock of flowers, but the prices realized on this trade are very low. Carnations seem to be leading in the heavy supply, and are sold at from $5 to $10 for the best stock. Roses run a close second, and bring a trifle more. Some very fine America gladioli are being offered at $4 per 100, but even at that low figure, it is very hard to move them. Peonies are plentiful and good, but there is hardly any call for them. Good lilies and lily of the valley are about the only articles that are considered scarce these days. The plant business is holding out fairly well, and mixed hanging baskets are about all that have a good call. In spite of the general warmth, we have had a good amount of rainfall lately, which has helped outdoor flowers and carnation plants considerably.

NOTES.

E. J. McCallum has just finished up a week "touring" some of the Ohio towns with his road salesman, Ross Adgate. They called on the trade along the route, and found business good in florists' supplies.

W. A. Clark has been sojourning for a few days at Conneaut Lake, but says that this will not in the least interfere with a real vacation at Chautauqua later in the summer.

C. Phillips has taken over the business of the McKees Rocks branch of R. J. Daschbach, and keeps himself busy reviving trade there.

Frank Farney, of the M. Rice Co., passed through the city the early part of last week.

Joe Marks, of the A. A. Arnold Paper Box Co., Chicago, called on local trade last week. G. M.

Boston.

BUSINESS VERY QUIET.

During the past week business was very quiet. Owing to the warm, sunny weather a large quantity of flowers were cut. On Saturday, June 12, there was a good cleanup, owing to the celebration of Memorial Sunday, but prices did not change. Roses, although quantities found a fair market, sold at low figures. Prices ranged from 2 to 8 cents, the demand being for short stock. American Beauties are being sacrificed at exceptionally low figures. Carnations were poor property. Many sold at 50 cents per 100, but the average price was from $1 to $2 per 100. Sweet peas went fairly well and prices ranged from 25 cents to 75 cents per 100. Peonies are coming in larger quantities and consequently prices have decreased. Good red and festiva maxima bring 75 cents and $1 per dozen. Gladioli sell fairly well, the best America bringing $1.50 per dozen.

NOTES.

William Tailby, of Wellesley, Mass., had charge of the decorations for the graduation at Dana hall, Friday, June 11, at Wellesley. Many flowers were used for this occasion and nearly all the leading florists' delivery autos of Boston were sent out heavily loaded. The Waban Rose Conservatories had over 200 boxes of roses to deliver for the occasion.

The Montgomery Rose Co., of Hadley, Mass., is sending to the Boston Rose Co. a fine lot of roses at present. Russell, Hadley, Ophelia and Sunburst were noted as being especially good. They at present are cutting from only two houses, the rest being newly planted and under the process.

F. W. Fletcher, of Auburndale, Mass., has a novelty in the line of a foliage plant for cut flower use. It is called a hardy adiantum and has much the appearance of the commonly used maiden hair fern.

J. Marshall, of Newport, R. I., is sending to Wm. Carr of the Boston Flower Exchange, some very good specimens of California yellow poppies, which take very well as a novelty.

E. K. Farr, of Stoneham, Mass., is cutting one of the cleanest and best looking lots of sweet peas coming to the markets. They are all Spencers, and of the choicest selection of colors. F. L. W.

St. Louis.

STOCK PLENTIFUL BUT DEMAND LIGHT.

The period of June weddings and the closing exercises of schools, etc., form the outlet for flowers. Stock has been plentiful all week with the demand limited. Summer dullness will be here in full force shortly. American Beauty roses, long stems, are plentiful. Carnations are getting smaller and ferns have been very scarce. Candidum lilies are seen everywhere as well as field daisies.

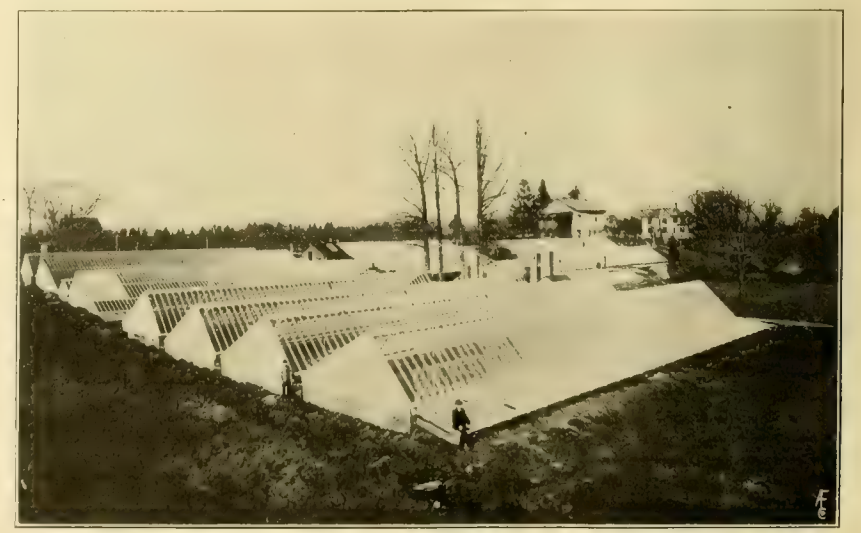
NOTES.

The local florists' club met June 10 at the Odd Fellow's hall, 50 members being present, with Jules Bourdet in the chair. Resolutions on the death of Henry J. Weber were passed. The picnic is to take place June 22, at Ramona park. Nothing will be done on the Carnation Society matter until the October meeting. A smoker took place after the meeting and all ex-presidents were called on for remarks.

The wholesale houses have decided to close at one o'clock Saturdays and remain closed until Monday morning. This will perhaps cause quite a few of the retailers to close up entirely Sunday. The growers will be notified and will ship stock so as to arrive Monday instead of Sunday. This will be a great boon for the employes at the wholesale houses, especially during the summer season.

O'Leary, the Florist, was robbed at his residence of jewelry amounting to over $300 and $35 cash. The thieves escaped just as O'Leary arrived with his machine, having been telephoned to at the store as the thieves were seen entering the house.

A severe storm struck this city June 13 and considerable damage was done



EDWARDS' CEDARBROOK GREENHOUSES, BRIDGETON, N. J.

in the parks, trees and shrubs being blown down. The plate glass window of John Shields, 1227 Florisant avenue, was blown in and $150 damages are reported.

V. J. Gorly and wife will leave June 15 for the Panama-Pacific exposition and will attend the S. A. F. convention. F. X. Gorly will manage the business in his absence in all departments.

Miss Lillian Weber, employed by the Mullanphy Florists for four years, and Frank Delaney, will be married June 16. Miss Weber will carry white orchids and lily of the valley.

The floral display in the new conservatory at the Missouri botanical garden is at its height. The orchid section is especially attractive.

We regret to announce the death of Mrs. Conrad Bergstermann, June 11, very suddenly, aged 59 years.

Alex Siegel will leave in July for his cottage at Mackinac, Mich. W. F.

Connecticut Horticultural Society.

The society held its first spring flower show in Unity hall, Hartford, June 10-11. The various exhibits were laid out to represent flower beds, some being oblong, others oval, crescent shaped, circles and half-circles. On each side of the entrance leading to the hall were box trees shown by W. W. Hunt & Company. The central exhibit was a towering mass of splendid palms and tropical plants surrounded by a border of maidenhair and other ferns. This was staged by President Warren S. Mason, superintendent of the estate of A. A. Pope, Farmington, which was also represented by an attractive bed of perennials, blue lupinus, German and Spanish iris, salvia, phlox, and Spanish roses. In passing from one exhibit to another the observer was delightfully charmed with the striking likeness to actual flower beds.

W. W. Hunt & Company had an oblong outline composed of perennials, including blue and white lupines, various peonies, and the whole rising to a high centre of blue scabiosa. Single and double columbine, anchusa, campanula, buttercups, Jacob's ladder, phlox, and a superb group of Pennsylvania anemone, sweet william; Iceland poppies, lychnis and hardy pinks.

John F. Huss, superintendent of the Goodwin estate, was another exhibitor of a wonderful variety of flowers, the centre of his bed being formed by the unusual yellowish blooms of Isatis glaerca. Gorgeous oriental poppies in red, pink and orange, German and Spanish iris, white and pink, alum root, fox gloves, anchusa, pink and blue lupines, red weigelia, petunias and sweet peas are among the other flowers in the group; and the same exhibitor made the stage a veritable bower with palms, flamingo flower, fancy leaved calladium and pink spirea, with especially interesting primroses never exhibited before, discovered in northern China by Professor Wilson, of Boston.

An effective round bed in which blue predominated was shown by Oscar F. Gritzmacher, of New Britain, anchusas, bachelor's buttons, peonies, double daisies, pansies, roses and Scotch pinks entering into it. A very beautiful, round bed composed of exquisite roses was shown by Niel Nelson, also containing in the center Pink and White Enchantress carnations and sweet peas.

A. N. Pierson, Inc., of Cromwell, arranged a long bed of roses of all kinds and also displayed 25 blooms of each variety of roses grown in the Cromwell Gardens, which made a most charming spectacle. Four tables were decorated by John Coombs, Edw. Welch, and Louis Chauvy, assisted by Miss Benson, to represent bridal tables. Each was a remarkable creation of beauty. The design of this remarkable exhibit, which was the principal topic of discussion in Hartford the past week, was the creation of Walter A. Cooke of the house of Stumpp & Walter Company, and the society takes this opportunity to thank this gentleman for his assistance in making our first spring show a grand success. The following are the awards and judges:

The judges of perennials were Mrs. Samuel O. Prentice, Mrs. Morgan G. Bulkeley and Mrs. William H. Palmer. Those of the decorative tables and flowering plants were Mrs. Frank C. Sumner, Miss Rose Johnson and Miss Virginia Browne. Following are the prize awards:

Perennials—James J. Goodwin, first; W. W. Hunt & Co., second; A. N. Pierson, Inc., third.

Palms and foliage plants—James J. Goodwin, first; Mrs. A. A. Pope, second; A. N. Pierson, Inc., third.

Decorated tables—Edw. Welch, first; John Coombs, second; Louis Chauvy and Miss Benson, very highly commended.

Cut roses—A. N. Pierson, Inc., first; Niel Nelson, second; Professor M. W. Jacobus, third.

Bedding plants—Walter L. Goodwin, first; J. A. Brodrib, second.

Certificates—W. W. Hunt & Co., Spear & McManus, John Coombs, J. A. Brodrib, J. Vidbourne & Co.; Park department, John C. Willard, Mrs. W. Seliger, Louis Chauvy, Jno. F. Huss, Alfred Cebelius, Warren F. Mason, Oscar Gritzmacher, Niel Nelson and A. N. Pierson, Inc.

ALFRED DIXON, Sec'y.

Baltimore.

COMMENCEMENT ORDERS HEAVY.

Orders for commencements have kept all local florists working to their full capacity, and as the market is overloaded with especially good stock, it has not been difficult to supply the demand. Carnations have been more plentiful than at any other time this year, outdoor sweet peas are in very good condition and orchids are starting in a way that promises very good business.

NOTES.

Edwin E. Seidewitz has received word that six roses shipped by him to Ireland, May 22, have been received in perfect condition. Business on the whole has been good with him. His force has been very busy with commencement orders and funeral designs, and he has had the decorations for two or three of the most prominent weddings of the season.

Hamilton Floral Shop, Samuel Feast & Sons, Halliday Bros. and Charles E. Smith & Son report excellent business in commencement and design work.

R. J. B.

Cleveland.

SATISFACTORY MARKET CONDITIONS.

The market conditions are satisfactory all around. The wholesale houses have plenty of stock with which to fill orders, and the retailers, having a wide choice as to variety, at prices a trifle lower than the previous week's quotations. Special sales in carnations, roses and peonies were advertised by several of the retailers. The weather has turned cooler, and peonies will be holding out much longer than anticipated. There are an abundance of Easter lilies on the market, and big shows can be made for comparatively small investments, where stock is bought in quantity. Snapdragon, larkspur, swainsona, sweet peas, daisies and coreopsis are part of the daily stock. Colored water lilies are arriving in fairly good supply, with a good demand. Some very good orchids can be had at very reasonable prices, and stock is exceptionally good. String smilax was in good demand, but rather scarce. Lily of the valley remains scarce. Roses of all kinds are in better shape, the color being particularly fine on Killarney. Shipping, trade continues good. C. F. B.

Nassau County Hort. Society.

The June meeting of the Nassau County Horticultural Society was held June 9 at Pembroke hall, Glen Cove, N. Y. Gustave Hamrin of Glen Cove was made a new member. The judges of the monthly exhibit were John W. Everett, A. Fournier and Robert Jones. Their decisions were a first prize to James McDonald, for twenty-five pods of peas; a certificate of culture to Ernest Westlake for three heads of cauliflower.

The judges for the rose show at the Nassau Country Club were named and they are Angus MacGregor, William D. Robertson and George Ashworth, James Gladstone is the show manager. An offer of a silver cup for table decorations at the fall show was received from Mrs. Herbert L. Pratt.

OBITUARY.

Mrs. Lillian Dailledouze.

Mrs. Lillian Dailledouze, wife of John A. P. Dailledouze, and daughter-in-law of Mr. and Mrs. Eugene Dailledouze, Flatbush, Brooklyn, New York, died suddenly on the morning of June 11. She had been somewhat indisposed from an ailment of the nose and head, the exact nature of which we have not learned. She was to have been operated on, but her condition was not considered serious by her friends. She arose as usual on the morning mentioned, but was stricken and died in half an hour. She was 25 years and 6 months old. She was born in New York (Manhattan) and was the daughter of Philip and Mary Richter Woelfel, her father being now a druggist of Brooklyn. She was a young woman of loveable qualities, and a member of the First Dutch Reformed church of Flatbush. She is survived by her husband and a son 7 years old, by her father and mother and other relatives. Services were held at the home of Eugene Dailledouze on the evening of June 12, Rev. Dr. J. E. Lloyd, who had been her pastor, officiating. The interment was private and in Evergreen cemetery. The death of Mrs. Dailledouze was a great shock to her husband and his parents and the other relatives and friends.

A. F. F.

John Starrett.

John Starrett, who was engaged in the florist business in Chicago up to about a year ago, died on his farm near Tampa, Florida, June 13, at the age of 72. He was formerly in the employ of Chas. Fisk and later head florist at Hotel LaSalle, which position he held until he moved south. He was well and favorably known to the trade and had a host of friends in this vicinity and elsewhere. The body was brought to Chicago for burial and the funeral was held from the home of his son, John Starrett, Wednesday, June 16. A widow and one son survive him.

Mrs. Elsie Patterson.

Mrs. Elsie Patterson, wife of John Patterson, a well known employe of Vaughan's Seed Store, New York, died June 7. She was a native of Edinburgh, Scotland, and came to New York about a year ago to marry Mr. Patterson. Another pathetic feature of her death is that she is survived by an infant child. Mr. Patterson has the sympathy of many friends in his bereavement. A. F. F.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Personal.

Commodore Westcott's opening at Waretown, N. J., is scheduled for June 18.

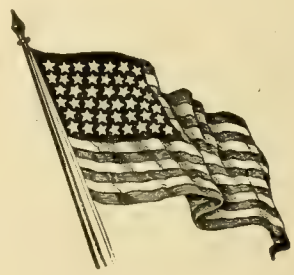
Cleveland Chrysanthemum Show.

Members of the Chysanthemum Society of America can make entries for C. S. A. special prizes, without paying an entry fee in those classes.

The non-commercial section of the preliminary premium list was arranged by local private gardeners to meet local conditions. All private gardeners, who desire, may enter.

Private growers are allowed to compete in all classes, except in classes Nos. 28 to 36, inclusive.

HERBERT BATE,
Chairman Premium Committee.



Lest We Forget.

American Gladiolus Society.

It is important that all who intend making trade exhibits at the American Gladiolus Society's show, Newport, R. I., August 18-19, should advise Henry Youell, chairman exhibition committee, Rochester, N. Y., at once as to the space they will require. This will facilitate matters and prevent disappointments. No charge for tables will be made.

National Flower Show.

The national flower show committee met in regular session at the rooms of the Florists' Club of Philadelphia, Horticultural hall, June 10, with Chairman Farenwald presiding. John Young, New York, secretary of the national committee, was present. Practical details for the conduct of the national flower show, to be held in Philadelphia, March 25 to April 2, 1916, were more or less definitely worked out. At a meeting with the same committeemen, President Newbold of the New York Horticultural Society, who did so much towards making a success of the New York show, was in attendance and explained in detail the plans and methods pursued by that organization in connection with the national exhibition. Chairman Asmus, of Chicago, is expected in Philadelphia next week, at which time there will be another meeting of the committee.

W. F. THERKILDSON,

[The Chicago railroad strike and changed business conditions have compelled Mr. Asmus to defer his conference with the committee until next month.—ED.]

American Carnation Society.

DEPARTMENT OF PLANT REGISTRATION.

The new carnations described below have been registered with the American Carnation Society:

Peace—Prosperity x Winsor. Color white. Size 3½ to 4 inches. Habit like Winsor. Vigorous grower. Long stiff stems; can be planted close. Registered by Frank Dinda, Farmingdale, N. Y.

Olive Whitman—Beacon x Victory. Color scarlet. Size 3 to 4 inches. As free and early as Beacon; as strong and sturdy as Victory in late spring. Registered by Joseph Sakswich, New Hyde Park, N. Y.

Colorado—Victory x unnamed seedling. Color dark scarlet. Size 3½ inches. A fast grower, but not grassy. Habit resembles Cardinal, but stronger. Color does not fade in strong sunlight. Registered by S. Knudsen, Boulder, Colo.

Red Wing—Unnamed seedling x White Perfection. Color scarlet. Size 3 to 3½ inches. Strong, robust grower. Very free bloomer, without surplus grass. Almost a non-splitter. Stems long and strong. A fine keeper and shipper. Registered by Wm. A. Dawson, Willimantic, Conn.

A. F. J. BAUR, Sec'y.

June 2, 1915.

Boiler Tubes.

ED. AMERICAN FLORIST:

How long should tubes last in greenhouse boilers? Which is best, hard or soft water?

Illinois. SUBSCRIBER.

The length of time boiler tubes will last depends upon so many conditions that no very definite answer can be given. It varies with the thickness and quality of the tubes, as well as with the character of firing, and the care given the boiler. The quality of the coal used will also have much to do with the life of the boiler.

When hard water, containing large quantities of lime and similar minerals, is used a thick crust of scale is deposited upon the tubes, and unless this is removed occasionally, or some anti-scale compound is used, the tubes will burn out much quicker than when soft water is used, or the tubes cleaned of scale.

Under good conditions a boiler should last ten years and might remain in service for twenty years or more, while with poor tubes, upon which scale is allowed to form, they might burn out with hard firing within five years.

Propagation of Clematis Montana Varieties.

The Revue Horticole of March 16 contains an article on the propagation of Clematis montana, and its varieties grandiflora and rubens, establishing the fact that these clematis should only be multiplied by cuttings. Experiments in grafting on stocks of flammula, viticella and vitalba were apparently successful, but the plants were found to die within two or three years, only such plants surviving as rooted above the graft. This is the cause of much loss of C. montana rubens, of which many grafted plants were sold when first introduced about 1906. Cuttings, while producing fewer plants, make vigorous and lasting ones. A second article, April 1, calls attention to the ease of propagation of montana and paniculata from seed, especially the great quantities of the latter, grown in Orleans for the American trade. A new clematis, vedrariensis, a hybrid obtained by Maurice Vilmorin, and introduced this year, is lighter in color than C. montana rubens, and more vigorous, and may be expected to supersede it in the gardens.

Lake Geneva Gardeners' Association.

At the next meeting of the Lake Geneva Gardeners' and Foremen's Association, which is scheduled to take place July 5, arrangements will be made for holding a mid-summer fair under the auspices of the association. A peony exhibition will be held Saturday, June 19.

RAYMOND NILES, Sec'y.

Important to Subscribers.

The date on the yellow address label on your copy of THE AMERICAN FLORIST will show when your subscription expires. Please renew subscriptions promptly on expiration to make certain of receiving your copy of each issue.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—By good saleslady and designer; can furnish the best of references. Address Key 527, care American Florist.

Situation Wanted—Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address
Key 529, care American Florist.

Situation Wanted—Specialist in roses, carnations, 'mums, pot plants and general greenhouse stock; also first class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address
Key 525, care American Florist.

Situation Wanted—By young man, first-class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits, good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower; principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish, American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—Saleslady and designer for Chicago loop store. Address
Key 521, care American Florist.

Help Wanted—A grower with commercial experience, married man, small family. Salary $700.00 to $800.00 per year and quarters.
A. T. ERWIN, Iowa State College, Ames, Ia.

Help Wanted—Two single young men to grow chrysanthemums and other pot plants. Must understand the business thoroughly, and take charge. State salary and experience.
METAIRIE RIDGE NURSERY CO., LTD.,
New Orleans, La.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

For Sale—Heating plant and glass for small greenhouse. M. E. TRIMBLE, Warren, Pa.

For Sale—Greenhouse and store; established cash trade, 50x125 ft. of ground. Address
J. NELSON, 1749 Huron st.

For Sale—Good as new panel top Overland delivery car. $500.00 cash. Big bargain. Write quick. Guaranteed.
Key 512, care American Florist.

For Sale—By July 15, 1915, to close up an estate a greenhouse stock of plants now located at Danville, Illinois. For particulars address
MRS. H. P. PHELPS, Princeton, Ill.

For Sale or Lease—Eight greenhouses, five acres of land; an old established retail business; an excellent proposition for young hustlers.
JOHN N. BOMMERSBACH, Decatur, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Retail flower business. Good opportunity for live wire, either lady or gentleman. Increased 50% over last year. Low rent. Best flower town in country. Address
Key 528, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale or Trade—Flower store for sale, or trade for lots or greenhouses; five living rooms in rear of this store; large barn and yard; rent, $35 a month; good location. Lots or greenhouses must be near Chicago.
Key 522, care American Florist.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Sale—Greenhouse with office; about 5000 square feet of glass, nearly new; including 5 room house; with 215 feet front by 175 feet deep. Well stocked; near 5 cemeteries where most of the stock is sold. Electric cars pass the office every ten minutes. Heated by hot water system. Reason for selling; owner retiring. Address
2248 S. Meridian St., Indianapolis, Ind.

For Rent—From July 1st. Greenhouses—plant consisting of 10,000 square feet; hot water bars cottage, work room sixty by twenty. House, well stocked and in first class condition; with good retail trade. Town of 35,000. Place in city on paved street; all improvements. Reason for renting; owner retiring. Apply
GEORGE H. BOND, New Brunswick, N. J.

Partner Wanted—To join in the purchase of an exceptional proposition in the West. Must be single and sober.
Key 510, care American Florist.

Wanted to Lease—After June 1st, by experienced business man with capital, retail greenhouses in good condition, with privilege to buy; state full particulars. Box 136, Newmarket, N. J.

FOR SALE

A range of 25,000 square feet of glass with 3 acres of land. Modern 7-room dwelling, well furnished. Greenhouses well stocked. An established local trade. Reason for selling, ill health of the head of the firm. For terms and further particulars, call or write.

JOHN M. HUNTER & SON, Englewood, N. J.

FOR SALE

The Polland Floral Co. greenhouse and properties of Cedar Rapids, Iowa. Appraised at $5,053.00, will be sold at public sale July 6th, 1915, at 10 a. m., on the premises. Successful bidder to put up certified check of $1,000.00. Finest new greenhouses, best location. For particulars write

W. J. GRUNEWALD, Receiver,
209 A Avenue West, Cedar Rapids, Iowa.

FOR SALE.

Floral and landscape gardening business on Massachusetts South Shore, catering to high-class summer population of 5000. Greenhouses comprising over 15000 sq. ft. glass; 2 acres land; large modern house; 2 minutes from station. $5000 cash, balance easy terms. Good chance for live man to extend business. Established 20 years. Apply

Scituate Greenhouses, Scituate, Mass.

ROSE GROWER WANTED

Must come well recommended.

SINNER BROS.
158 North Wabash Avenue, CHICAGO

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

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440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. PRICE, $1.50.

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JUNE WEDDINGS---COMMENCEMENTS

BEAUTIES--VALLEY--ORCHIDS--EASTER LILIES
RUSSELL-HOOSIER BEAUTY-OPHELIA-HADLEY.

A large crop of SMILAX ready to cut, long heavy strings for decorating.

CURRENT PRICE LIST. In effect June 21.

ROSES

AMERICAN BEAUTIES. Per doz.

Special	$3.00
36 inches long	2.50
30 inches long	2.00
20 to 24 inches long	1.50
Short, per 100, $4.00, $6.00, and $8.00.	

	Per 100		
OPHELIA	$4.00 to	$6.00 to	$10.00
HADLEY	4.00 to	6.00 to	10.00
HOOSIER BEAUTY	4.00 to	6.00 to	10.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN. Per 100

Extra long		$10.00
Long		8.00
Medium	$5.00 to	6.00
Short	3.00 to	4.00

KILLARNEY, WHITE KILLARNEY, WARD. Per 100

Extra long		$10.00
Long		8.00
Medium	5.00 to	6.00
Short	3.00 to	4.00

MRS. CHAS. RUSSELL. Per doz.

36 inches long	$ 2.50
30 inches long	2 00
24 inches long	1.50
18 to 20 inches long	1.00
Short	per 100, $4.00, $6.00

CECILE BRUNNER or SWEETHEART ROSE

Per 100 ..... $2.00

When ordering Roses by wire, state grade wanted, mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

Extra special roses charged accordingly.

CATTLEYAS... ...per doz., 4.00 to 5.00

LILY OF THE VALLEY. Per 100

Extra fancy	$4.00
First quality	3.00
Second quality	2.00

CARNATIONS, fancy, per 100, $
Medium ..... "

PEONIES Per 1(

Fancy white	$
Medium, assorted	

MISCELLANEOUS CUT FLOWERS

Sweet peas (common)	$0.75 to $
Sweet peas (Spencer)	
Lilies	]
Daisies	1.00 to

MISCELLANEOUS GREEN GOODS

Mexican Ivy	$
Smilax,	doz. $2.50
Sprengeri and Asparagus Sprays	$2.00 to
Asparagus Plumosus, per string, 60c	
Adiantum	1.00 to
Galax (bronze)	per 1,000
Ferns, new crop	per 1,000

Florists' Supplies

French Baskets

24 inches high	$0.60 each
26 " "	.75 "
30 " "	1.00 "

SPECIAL
No. 2 Gauze for Shower Bouquets.

10 yards	per bolt,
10 yards, Valley Chiffon, pink and white	per yard,

RIBBONS-To Match all Roses, Orchids, Etc.

SILK TAFFETA.

No. 501

4-in., -	per bolt, $1.67
5-in., -	" " 1.98

SATIN TAFFETA.

Morton.

No. 16 -	per bolt, $1.00	No. 60 -	per bolt, $
No. 22 -	" 1.15	No. 80 -	"
No. 40 -	" 1.35	No. 120 -	"

Use Rubber Back Ribbon instead of Foil for Graduation Bouquets. All colors. No. 80, per bolt, 10 yards, $1.25. No. 40, green only, $1.00.

Pearl Headed Corsage Pins

$1.00 Per Gross.

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g Distance Phone,
Randolph 35.

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You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
antheras, red and yellow. and		
illiantissima	$ 2.50	$23.00
um, Sweet, 2¼ in	2.50	20.00
tum, Blue Dwarf, 2¼ in	2.50	
" " " 3 in	5.00	
" " " 4in	8.00	
ias, Luminosa and Vernon for dding, 2¼ in	2.50	
n	5.00	
n	8.00	
ia, Chatelaine, 2¼ in	3.50	
n	8.00	
n	15.00	
a Scandens, 4 in., 1.50 per doz.		
, in variety, 2¼ in	2.50	
n	5.00	
ums, Fancy Leaved (Summer ivery) 5 and 6 in. pots. 50c to 50 each.		
Miller, for border, 2½ in	2.50	23.00
na Indivisa, strong, 3 in	7.00	
n	12.00	
n	20.00	
eraniums, strong, 3 in	5.00	
n	8.00	
Salleroi Geraniums, 2¼ in	3.00	
n	5 00	
h Ivy, 2½ in	3.00	
n	15.00	
h Ivy, strong 5 in......$20.00 to	35.00	
as, for Bedding & Hang. Baskets.		
as, Speciosa, Crystal Palace and dding Queen, 2¼ in	2.50	22.00

	100	1000
Lobelia, Cathleen Mallard (double)	$ 3.00	
Marigold, double, 3 in. pots	5.00	
4 in. pots	8.00	
Pansies, best German strain, in bloom. If wanted in baskets an additional price will be charged to cover cost of same.	2.50	$25.00
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in	3.00	
3 in	5.00	
Phlox Drummondi, all colors, 2¼ in	2.50	23.00
3 in	5.00	45 00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Salvia, Bonfire and Zurich, from cuttings, 2¼ in	2.50	
3 in	5.00	
4 in	8.00	
Smilax, strong new stock, 2¼ in	2.50	23.00
3 in	6.00	50.00
Torenia Fourneri, Blue, 2½ in	2.50	
3 in	5.00	
Vinca Rosea and **Alba,** 2¼ in	2.50	
Vinca, variegated and green for boxes and vases, 2¼ in	2.50	23.00
4 in ......$12.00 to	15.00	
Verbenas, all colors, 2¼ in	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**

Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 50c each. 5 in. at 50c to 75c each.

Pandanus Veitchi, highly colored, 6 in., $1.25 to $1.50 each. 7 in., $2 00 to $2.50 each.

Boston, Whitmani and Roosevelt Ferns, 7 in. pots. 75c each. 8 in. pots. $1.00 each. 10 in. pots, $2.50 each. 12 in. pots, $3.50 each.

Araucarias, Robusta Compacta, large plants, $2.50 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.

Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

	per 100	per 1000
Asparagus Plumosus, 2¼ in	$ 3.50	$30.00
3 in	7.00	65.00
4 in	12.00	115.00

Sprengeri and Boston Hanging Baskets for May, June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

tern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-inch, at $100.00 per 1000.

Killarney, Hadley, Russell, ready in 3 weeks.
Killarney, Bulgarie, Shawyer
ney Brilliant, Cecile Brunner, Richmond

Own Root, 2½-inch, at $55.00 per 1000.

rie, Hadley, Milady, Sunburst, Richmond

Grafted, 3½-inch, at $140.00 per 1000.

Killarney Brilliant, Hadley, Milady, Bulgarie, Cecile Brunner

Own Root, 3½-inch, at $90.00 per 1000.

Pink Killarney, Hadley, Milady, Cecile Brunner, Bulgarie, d'Arenberg

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS.

Headquarters for the best commercial varieties of Chrysanthemums; 2½-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Marvella French, late white	$8 00	$70 00
Pauline Anderson, late yellow	8 00	70 00

these varieties scored 94 points by judges Chrysanthemum Society of America, at o, and both scored 95 points by the judges Minnesota State Florists' Association, at apolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

SPECIAL NOTICE TO CUSTOMERS: You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

Yellow Roses.

We Are Headquarters for Yellow Roses.

EXCEPTIONALLY LARGE CROPS OF YELLOW ROSES and OPHELIA. CHOICE STOCK IN ALL LENGTHS

Current Price List

American Beauties	Per doz.
Specials, extra long stems	$3.00
Extra long stems, seconds	1.00
30 in. stems	2.00
18-24 in. stems, New Beauties	1.00 to 1.50
Shorter lengths	per 100, $3.00 to $6.00

Russell.	Per doz.
Extra long	$1.50
Good medium	$0.75 to 1.00
Short	.50

Ophelia, Rhea Reid, Bulgarie and Shawyer.	Per 100
Extra long	$8.00
Medium	$5.00 to 6.00
Short	3.00 to 4.00

Cecile Brunner ..... per bunch, 35c

White and Pink Killarney and Richmond.	Per 100
Long	$6.00
Medium	$4.00 to 5.00
Short	3.00

Yellow Roses, Hillingdon and Sunburst.	
Long	$8.00 to $10.00
Medium	6.00
Short	4.00

Carnations.	Per 100
Red, White and Pink, extra fancy	$2.00 to $3.00
CARNATIONS, Our selection, in lots of 500 or more, $15.00 per 1000.	
Choice **EASTER LILIES**	$8.00
LILY OF THE VALLEY	4.00
ASPARAGUS SPRAYS and **SPRENGERI**	3.00
FERNS, new Wisconsin....1000, $2.00 to $2.50	
ADIANTUM	1.00
GALAX, bronze and green.....per 1000, $1.00	

ROSES in lots of 500 or more at the rate of $20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during June, July and August by the Chicago P. O. between Saturday noon and Monday morning

BASSETT & WASHBURN

LONG DISTANCE PHONES, CENTRAL 1457. AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STREET CAR STRIKE AFFECTS BUSINESS.

The greatest street car strike in the history of the city has affected business somewhat, but the seriousness of the situation that finds 14,000 employes of the surface and elevated lines out of work and the better part of 2,500,000 passengers without daily means of transportation was fully appreciated by all the people, but the day's work had to be done and the feat was accomplished in the best of humor on all sides. The tie-up on the surface lines is complete, and not a wheel has turned on the 1,000 miles of track within the city limits since 5 o'clock Monday morning, June 14. On the South Side branch of the elevated, trains are run at times, but do not relieve the situation any, as only a few passengers are carried and most of these were given free rides. Automobiles of every description, date and make, horse-drawn buses, trucks, vans, farm wagons and express wagons are pressed into service and the situation is not as bad as one might expect during a street car strike in a large city like this. The strike is affecting business considerably, but not as much as everyone thought it would at first, for the local demand is fairly good, all things considered, and might be a whole lot worse. The shipping trade has been very good, and while business in general is regarded as quiet it is almost as good and in some instances as good as it was in June last year, according to several of the leading wholesalers. There is plenty of stock of all kinds to go around, with no scarcity at all, although red carnations have cleaned up quite well on several occasions during the past week. The supply of American Beauty roses is very large and choice stock in all lengths of stem is obtainable at very reasonable prices. Mrs. Chas. Russell roses are in good supply, but move fairly well, especially in the longer grades, at good prices. The first Hoosier Beauty of the season is now reaching the market and the report is that this new red rose is in good demand at good prices. The supply of the new rose Ophelia is quite large, but cleans up fairly well each day. Sunburst are in good supply, but are moving fairly well. Some fine Killarney, White Killarney, Richmond and all the other varieties of roses are obtainable and the buyer now has an opportunity of making a splendid selection at very reasonable prices. Carnations are in large supply, but are not moving any too well, although the quality of the stock offered is good for this season of the year. Sweet peas are in good supply, but are not bringing the prices that they should. Indoor grown gladioli are seen everywhere in large quantities, but there is very little demand

USE Budlong's Blue Ribbon Valley.

HOME GROWN
PEONIES
Best Obtainable.
Everything in Cut Flowers and Greens.
O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

NICE CROPS

SUNBURST and RUSSELL ROSES

Also choice American Beauty, Ophelia, Killarney, White Killarney, Milady and Richmond. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower. **Current Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$3 00
36-inch stems	2 50
30-inch stems	2 00
24-inch stems	1 50
15 to 20-inch stems	1 00
Short	$0.50 to 75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Per 100
Extra select	$7 00
Select	6 00
Medium	5 00
Short	$3 00 to 4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$1 50
Select	1 00
Medium	75
Short	50

	Per 100
ROSES, our selection	**$3.00**
Carnations	**$2.00 to $3.00**
Harrisii	10 00 to 12 50
Peonies	4 00 to 8 00
Valley	3 00 to 4 00
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 50
	40

2,000,000 Feet of Modern Glass

for them. Peonies are seen at all the stores, but not in any great quantities, and what good stock is arriving is selling at good prices. Cape jasmine are to be had at all the stores, but are not cutting much figure in the market. Orchids are in good supply, but clean up fairly well at times. Lilies and lily of the valley are in good supply and the usual amount of miscellaneous stock, both greenhouse grown and outdoor, is seen. The cars started running again about noon June 16, the third day of the strike.

NOTES.

C. L. Washburn, of Bassett & Washburn, and wife are busy making preparations for their trip to California in July, where they will visit for some time with O. P. Bassett and E. B. Washburn and families and later take in the sights at the Panama-Pacific exposition. Mr. Washburn and wife will tour southern California with O. P. Bassett and wife in their machine and will no doubt have a most delightful time. Mr. Washburn has been closing the store an hour earlier this week in order to give the employes more time to reach their homes during the present street car strike.

A. L. Vaughan and L. R. Bohannon of the Bohannon Floral Co. were busy swapping fishing stories when the writer called at A. L. Vaughan & Co.'s store this week, so do not be surprised if the two suddenly depart for the wilds of northern Wisconsin or Michigan, where the brook trout and black bass are plentiful. Both gentlemen believe in attending strictly to business and also that all work and no play makes Jack a dull boy, and that fishing away out in the wilds, where one cannot be reached, is about the best place of all to spend a vacation.

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

BEST AND CHEAPEST
ANY QUANTITY

LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

Ed. Enders, who does the buying in the local market for Chas. Samuelson, will leave on July 1 on a month's trip through the Golden West. He will spend some time on Mr. Samuelson's fruit farm in Idaho, after which he will take in the Panama-Pacific exposition at San Francisco and all the interesting places enroute.

H. C. Blewitt says that yellow daisies have sold unusually well this year and that his fancy stock is now bringing as high as $1.50 to $2.00 per 100.

WIETOR BROS.

162 N. Wabash Ave., Long Distance Phone, Randolph 2081. **CHICAGO**

BEAUTIES-ROSES-CARNATIONS

Poehlmann Bros. Co. is cutting a good supply of the new rose Hoosier Beauty, which is attracting much favorable attention at the store and is selling well at good prices, considering the general market conditions. A fine grade of American Beauty and Mrs. Chas. Russell roses are seen in good supply at the store, and the same holds good for orchids. T. E. Waters says that the new supply catalogue is in the press and will be ready for mailing soon and that any one who likes to secure a copy may do so by simply addressing a card to the store asking for it. In speaking of the present strike situation. Otto W. Frese says that business is going along uninterrupted as usual and that he has not noticed any difference as far as the deliveries are concerned, although several of their own trucks are kept in operation all the time.

The local wholesale florists received an announcement this week from the St. Louis, Mo., wholesale firms, Geo. H. Angermueller, C. A. Kuehn, H. G. Berning, Wm. C. Smith and the Windler Wholesale Floral Co., to the effect that they have all agreed to close their stores on Saturday during the summer months at noon, commencing June 19, altogether on Sundays and at 5 p. m. every day. A. T. Pyfer called on all the wholesale florists in the Atlas building in regard to Sunday closing here and everyone that he talked with so far is greatly in favor of it, providing all the other houses will do likewise. No doubt Sunday closing will meet with the approval of everyone and will take effect soon.

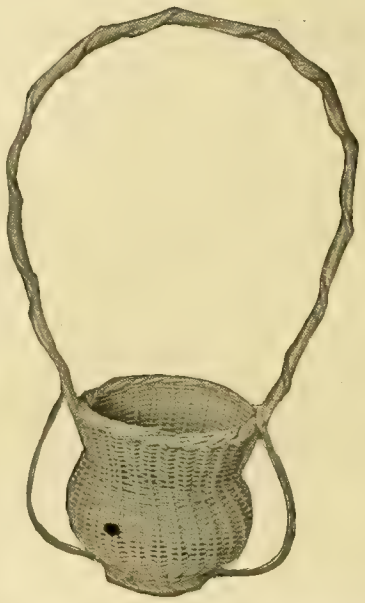
Wietor Bros. are cutting a nice supply of Killarney and White Killarney roses and carnations which are of fine quality for this season of the year. The demand for chrysanthemum cuttings and plants keeps up in splendid shape, according to N. J. Wietor, and every mail brings in more orders. Mr. and Mrs. Wietor celebrated their eighteenth wedding anniversary on June 16, and the only thing to mar the day was the fact that their youngest son, Harry, is still confined to the hospital with scarlet fever.

Wm. H. Amling is doing considerable repair work at his establishment at Maywood, which is in charge of Winandy Bros., who are well along with the job. As soon as the Amling job is completed the Winandys will start work on the erection of the new Dietsch house that Wm. Wichtendahl, of Maywood, will devote to carnations this season.

The Garland Manufacturing Co. has already shipped a large quantity of material to Ottawa which will go into the new iron-frame vegetable house, 76x900 feet, that it is building for Davis & Steiner of that city. Winandy Bros. have the contract to put up the house and will start work on the job this week.

Fred G. Hunt has leased the Howard establishment at Glencoe known as the Glencoe Violet Farms for five years, taking possession on June 15. The range consists of three houses, 24x150 feet, and will be devoted to chrysanthemums and novelties, for which he is famous.

BASKET BARGAIN



ASSORTMENT

25

Small Cut Flower Baskets

$7.50

This assortment of 25 small cut flower baskets for $7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect.

Be sure and order your lot today.

Raedlein Basket Co.

713 Milwaukee Avenue

CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. When there is no car strike on (like now) all the mentioned ones stop right in front of our store.

Joseph Ziska & Sons are finding that a delivery car is a pretty good investment, for the machine has been kept going at all times from early until late, especially during the present street car strike. Joseph Ziska, Jr., brought his Hudson down several days this week to help out during the rush.

A. T. Pyfer & Co. are having their share of trade and are doing a nice shipping business, which covers a good part of the territory west of the Mississippi river. Miss Nettie Parker, secretary of this firm, is planning on spending her vacation at Niagara Falls this year.

Zech & Mann never offered a better grade of indoor gladioli than they are right now. The force is now planning their vacation, and from the present outlook everybody is going fishing, especially Allie Zech, who visits northern Wisconsin lakes every year.

Percy Jones is handling a large quantity of ferns this week in addition to a complete line of other green goods. Carnations are seen in large supply at this establishment and the quality of the stock offered is unusually good for this season of the year.

A. Lange has a very pretty window display at his East Madison street store in which the June bride plays an important part. Tom White is now doing the buying in the local wholesale market for this enterprising house.

J. A. Budlong never had a better crop of summer roses than what is reaching the store now and the shipments include nearly all the best new varieties as well as all the old favorite standards.

USE Budlong's Blue Ribbon Valley.

Tom Best, with the Stuppy Floral Co., St. Joseph, Mo., wife and daughter are visiting friends here this week. Mr. Best has a host of friends in this city and they are all pleased to see him again.

A. L. Glaser, of Dubuque, Ia., was in the city again this week on business. He says that if he could sell his store and greenhouses in Iowa he would open a retail establishment in this city.

A. Lawson, formerly with A. Lange and later in the employ of C. Megchelsen, 4654 Grand boulevard, has opened a handsome new store at 1553 East Sixty-third street.

S. Klemn & Sons, of Whiting, Ind., now make their trips to the local market in a new Ford delivery car.

Erne & Klingel are still handling large quantities of smilax and have built up a nice trade in same.

Kyle & Foerster are installing another large refrigerator in their new store this week.

Hoerber Bros. are cutting a good supply of Ophelia roses, which are in brisk demand.

Specials For June Weddings

High Grade Valley and Sweet Peas

BESIDES ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

LARGE SUPPLY

EXTRA FANCY BEAUTIES

CARNATIONS PEONIES

VALLEY ORCHIDS ROSES SWEET PEAS

For Weddings and Commencements.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 Chicago

Peter Reinberg is all through planting his roses, which is the earliest in the history of the firm, according to Emil Reichling, who is in charge. Most of the houses are 29x300 feet and all told 40 have been replanted this year. Ten houses are devoted to Mrs. Chas. Russell, one to Killarney Brilliant, six to Ophelia and three to Milady. The varieties Mrs. George Shawyer and Mrs. Aaron Ward have both been discarded and the old standby, My Maryland, has been given considerable more bench space than formerly. Twenty houses of American Beauty roses are being grown this year, 16 houses of Richmond, six of Sunburst, 11 of Killarney and 15 of White Killarney. The Reinberg greenhouses never looked better at this season of the year than they do right now and Emil Reichling is to be congratulated upon the well kept place and healthy condition of the young stock just planted. Mr. Reichling has been with Peter Reinberg 15 years and it is a pleasure to note that the bug which Reinberg used to be troubled so much with has been driven off the place for good.

PEONIES

$3.00 to $6.00 per 100.

Fancy home grown stock and positively the best value that you can get anywhere at $3.00 to $6.00 per 100. Strictly fresh and not cold storage stock.

ROSES---CARNATIONS

Orchids, Valley, Sweet Peas, Lilies and everything else that you need in Cut Flowers. Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

The railroad strike in this city effected all surface lines and elevated lines and about 14,000 employes, which went into effect at midnight, June 13, has greatly decreased the volume of business and advanced the cost of delivery so as to make it practically prohibitive in the case of small orders.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

For Weddings and Commencements

Fancy Peonies—Roses—Carnations—Sweet Peas—Gladioli—Cape Jasmine—Lilies—Valley—Greens—Etc. Order Here. Strictly Fresh Stock at Reasonable Prices at all Times

The John C. Moninger Co., manufacturer of greenhouse materials, reports business as good, with the outlook very encouraging. E. F. Kurowski made a business trip to Minneapolis, Minn., last week and N. J. Rupp has returned from a similar mission to Milwaukee, Wis. Philip L. McKee made a trip to Lincoln this week to see how the work on the new Gullett houses is progressing and Bernard is calling on the trade in Iowa.

Louis Kalous bought the M. Panzegraf greenhouses at Summit and will conduct the business under the firm name of Bethnia Florist. Mr. Kalous is an uncle of Austin Kindler of the Raedlein Basket Co., and everyone wishes him success in his new undertaking.

Anton Then's big No. 3 auto plant van became a jitney bus on Monday, June 14, making the route from the Hotel Sherman to Bowmanville. Two long boards furnished side seats and accommodated many.

Vaughan's Seed Store is making fine displays of peonies and hardy perennials at 31-33 West Randolph street. New crop freesias will be on hand next week.

The Chicago Flower Growers' Association is showing some fine home-grown peonies at its Michigan avenue store.

John Kruchten, of John Kruchten Co., is planning on making a business trip to Milwaukee, Wis., this week.

Visitor: E. A. Riehl, Alton.

Minneapolis, Minn.

DEMAND SLACKENS A TRIFLE.

Market conditions have been very good, all stock cleaning up well at good prices, until Saturday, June 12, when it took a little persuasion and shading in prices to make things move. Peonies are coming in fine, but some show the effects of frost, by only opening on one side. Daisies have been scarce and are in good demand at $1 per 100. Roses are in good supply and the quality is good. Prices range from three cents to eight cents. Bachelor buttons have made their appearance and are fine in quality. Carnations are dropping with the roses and good stock can be had at $1.50 to $3 per 100.

NOTES.

The florists' club base ball team played a game with the Oasis, a semi-pro team, and were defeated by the score of 12 to 0, at the league park, Sunday, June 13. They play Wayzata at Wayzata, Sunday, June 20. They still want to hear from St. Paul.

Minneapolis Floral Co. received a shipment of ferns and crotons that Mr. Anderson says are the best yet. Max Kiser of the Merriam Park Floral Co. is busy planting the pans on the electroliers for the city.

Supt. Wirth of the park board has the new Gateway park about finished. It is one of the beauty spots that greet the visitors when they leave the depot.

H. E. Philpot has been here the past week. He has been helping Frank Gustafson of St. Paul dispose of his stock.

E. Farley is with H. B. Whitted in the Fifth street store, and says that he does not like the western country.

H. E. Evans has taken charge of the cut flower department of Pearl Bros.' store and reports business very good.

Visitors: E. F. Kurowski, of John C. Moninger Co., Chicago; Willard Secor, Forest City, Ia.; James Souden, Duluth, Minn.; J. De Grott, of R. Driehuizen Bros., Holland; Chas. Seibrecht, Winona, Minn.; C. F. Hoggeveen, with H. M. Hardyzer, Boskoop, Holland; Miss Youreman, Aberdeen, S. D.

T. C. R.

Cincinnati.

MARKET NOT ACTIVE.

After a slight cessation last week and some good weather we are again having rainy weather. Now, however, the downpour is not so continuous, but makes up in violence what it lacks in continuity. The market, while fair, is not very active and prices generally are very moderate. Roses are still in a very large supply. The larger part of the receipts in this line are of a very good quality. Carnations are deteriorating very rapidly. Some white varieties, however, are very good when everything is taken into consideration, but they meet with only an ordinary call. Easter lilies are good and are plentiful. Gladioli sell fairly well. Lily of the valley and orchids enjoy a good call for the June weddings. Sweet peas come in for some of this demand. New eastern ferns have been added to the list of greens.

NOTES.

C. E. Critchell has been getting in some American Beauties that for the time of the year are very fine.

Tom Windram recently returned from his trip to the Lake Shore Ferneries at Leesburg, Fla.

Gus Brunner has been on the sick list for several weeks.

Visitors: Ellis Woodworth, of Louisville, Ky., representing Sefton Mfg. Co. of Chicago.

H.

Chicago Florists' Club.

The regular monthly meeting of the Chicago Florists' Club was held at the Hotel Bismarck, Thursday, June 10, when Oscar Leistner, 319 West Randolph street; H. W. Wilkerson, 56 East Randolph street; Theodore Keirchner, 319 West Randolph street, and Chas. O. Youngstrand, Morton Grove, were elected members and the following applications were read: G. F. Sykes and Jas. M. Brown, 1405 Rookery building; H. B. Kennicott, Max Ringier and R. R. Brenton, 163 North Wabash avenue; George C. Weiland, 602 Davis street, Evanston, and Chas. Matkens, Western Springs.

Carl Cropp's report on the work of the flower show committee was presented, showing that the matter of the fall flower show has been thoroughly investigated and now awaits deferred report on securing the Coliseum, which is expected June 21. Alex. Henderson reported that the Municipal Pier building would not be ready in time for the fall exhibition. A resolution placing the club on the flower show guarantee fund for $1,000 was adopted. Chairman of sub-committees were announced as follows: August Poehlmann, finance; George Asmus, premium list; M. Barker, publicity; Arnold Ringier, gardeners' exhibits; N. P. Miller, commercial exhibits; J. C. Vaughan, poster; H. H. Wilkerson, special features; A. Henderson, trade displays.

Vaughan's Seed Store had an exhibit of iris and peonies, and French & Salm, of Union Grove, Wis., had on display a splendid vase of Mrs. Chas. Russell roses, cut from 2½-inch grafted stock planted March 13.

Resolutions on the death of the late John Zech were presented and ordered spread on the minutes with copies to the family and the firm of Zech & Mann, the committee being H. N. Bruns, A. T. Pyfer and M. Barker.

The annual picnic was discussed and referred to the good-of-the-club and sports committees, who will decide when and where it will be held and report at the next meeting.

On motion of Arnold Ringier, honorary members of the Cook County Florists' Association were given similar standing in the consolidated club.

George C. Thompson, with Northrup, King & Co., Minneapolis, Minn., and C. E. Pinney, of the Kentucky Tobacco Products Co., Inc., Louisville, Ky., were present and addressed the meeting.

KEYSER, W. VA.—Construction of a greenhouse, 30x300 feet, with heating plant, is planned by C. L. Wiseman.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 6784

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

WEILAND & RISCH

GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

154 NO. WABASH AVE. CHICAGO

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KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
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WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
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Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

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LANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. LANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

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George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

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USE Budlong's Blue Ribbon Valley.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave., CHICAGO

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	$4 00
" " 36-in.	3 50
" " 30-in.	3 00
" " 24 in.	2 50
" " 20-in.	2 00
" " 15-in.	1 50
" " 12-in.	75@1 00
" Mrs. Chas. Russell	1 00@ 2 50
	Per 100
" Killarney Brilliant	3 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	3 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	3 00@10 00
" Milady	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	3 00@10 00
" Ophelia	2 00@10 00
" Our selection	3 00
Carnations	2 00@ 3 00
Cattleyas, per doz.	4 00@ 6 00
Gardenias, per doz.	3 00@ 4 00
Gladioli	4 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Snapdragons, per doz.	50@2 00
Spanish Iris	4 00@ 8 00
Sweet Peas	75@ 1 50
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns	2 50@ 300
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy, per 1000	5 00@6 00
Plumosus Strings, each	60@ 75
Smilax, per doz.	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 35c per lb.	

Tri-City Florists' Club.

The June meeting of the Tri-City Florists' Club was held at the residence of Henry Gaethje, with a large attendance. The meeting was called to order by President Harry Bills. In addition to the regular order of business a committee consisting of Wm. Knees, Jr., A. Anderson, C. Sorenson, J. Hanssen and J. Staack, was appointed by the chair to arrange for the annual picnic to be held at the Knees' summer home on Rock River, Thursday, July 15. Ludwig Stapp will furnish the music for the occasion at his expense. The next regular meeting will be held at the picnic grounds.

WM. GOOS, Sec'y.

DULUTH, MINN.—Damage to the extent of $500, not covered by insurance, was done to the J. J. LeBorius greenhouses by a hail storm, June 5.

Booking Orders Now For

FIELD GROWN CARNATION PLANTS

Place your order now. Delivery will be made when you are ready for them.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

SUMMER WEATHER MAKES ITS BOW.

Real summer weather has come at last, which will hasten the summer exodus and help the business of the summer resorts. There is a great plenty of all the popular flowers. The peonies are almost over, the cold storage stock helping out those who can use them. Carnations are getting weaker in the stem, but are very good for the season. Snapdragons are nearly over. Greenhouse gladioli are fine, and larkspur is a good seller. There is still a good assortment of roses, but American beauties are getting frilled around the edges. The Ward is coming fine; it is certainly an all 'round rose. Easter lilies are in fine shape, but on account of the quantity coming in, sell very low, $3 a hundred buying the best. Other stock is about the same.

NOTES.

Adolph Farenwald, Roslyn, Pa., one of the foremost rose growers of the country, has not for some time past had as good returns from his rose beds as formerly. He attributed the trouble to be first one thing and then another—the soil, the heat, the watering, the air, the attention; in fact, he studied the subject from every angle and finally by a process of elimination he discovered it was the quality of the water. This has been obtained from a water company, who four years ago, were obliged by the state authorities to treat the water, so that all possible typhoid germs and other bacteria were destroyed. To do this, alum, lime and other ingredients were introduced, which made the water chemically pure. At the same time, however, Mr. Farenwold has discovered that all useful bacteria that helped and enabled the roots to take up the entire nutriment of the soil was also destroyed, which has made a very material difference in the health and productiveness of the plants. At an expense of between three and four thousand dollars he has now an independent water supply of his own. He sunk an artesian well, which has a capacity of 160 gallons a minute and also constructed an open reservoir at the lowest point of his grounds where he catches all the rain water and adds to the quantity from the well. Engines, which burn crude oil, furnish power for the pumps at an expense of about $200 a year. Mr. Farenwald is always after the best results, never counting time, trouble or expense of investigation as anything, compared with the achievement. His acre rose garden is just now in its height of bloom, the various ramblers being a mass of colors. He is a rosarian, first for profit, and then for the pleasure it gives both himself and the community in which he lives. May his tribe increase.

Matters of the great national show are looking up. Secretary John Young and F. R. Newbold of the Horticultural Society of New York met with the local committee during the past week and some good work was done. Mr. Newbold was particularly interested in the methods employed to interest society people and gave the committee many good points as to how to get and hold them in the work. With the lease for the building signed and the floor plan laid out, there is something definite to work on and great progress is looked for from now on. Let everybody put their shoulders to the wheel and push; the youngest in the business can lend a hand. The Philadelphia exhibition should, and must, excel all those gone before.

Wholesale Flower Markets

	Per 100
BOSTON, June 16.	
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	3 00@ 4 00
" select	4 00@ 6 00
BUFFALO, June 16.	
Roses, Beauty, special, doz.	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 00@ 2 50
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	1 00@ 2 00
Peas	50@ 1 00
Peonies	2 00@ 4 00
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00
CINCINNATI, June 16.	
Roses, Beauty	per doz., $0 75@$3 00
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus	per bch., 25c
Carnations	1 00
Orchids, per doz.	3 00
Sweet Peas	25@ 35
Gladiolus	3 00@ 4 00
Snapdragons	2 00@ 3 00
ST. LOUIS, June 16.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
" Radiance	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	1 00@ 2 00
Orchids	25 00@35 00
Asparagus Sprengeri, per bu.	25@50
Asparagus Plumosus, per bu.	25@60
Harrisii	6 00
Sweet Peas	20@ 40
Gladioli	4 00@ 5 00
Callas	6 00@ 8 00
Ferns	per 1000, 3 50

Patrick Welch

Wholesale Florist

262 Devonshire St., **Boston, Mass.**

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley

SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.

1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL

"The" Wholesale Florist of Cincinnati

32-34-36 East Third St. CINCINNATI, OHIO

Consignments Solicited.

Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of

Florists' Supplies

THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

The Guernsey Breeders' Association held their annual spring meeting at the Roelef's dairy and rose farm of the Jos. Heacock Co., June 11. About 75 gentlemen were present. After an inspection of the dairy and farm, they were taken through the greenhouses, which impressed them very much, this connection as an adjunct to the farm being new to them. A lecture on sterility of cows by Dr. Williams of Cornell University was the feature of the

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Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

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Choice Cut Flowers and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88	$0.50	$0.85
No. 55	.75	1.25
No. 48	1.00	1.50

Envelopes to match (1000 to package), same price as cards.

Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206
448 Milwaukee St., Milwaukee, Wis.

WM. C. SMITH
Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

USE Budlong's Blue Ribbon Valley.

meeting. Mr. Heacock while able to be present, was much handicapped by an attack of sciatica rheumatism. A substantial lunch at the noon hour was much enjoyed.

Monday, June 21, is the day of the annual outing of the florists' club at Schuetzen park. Tabor station on the Reading road is the place. Baseball between growers and wholesalers vs. seedsman and retailers is first on the program to be followed by racing events for men and women in separate classes, according to their birthdays. The tug of war will be a feature as usual. A good dinner, to be followed by dancing in the club house, will be a most enjoyable feature. The committee reports a number of unusually fine prizes to be given to winners of the events.

The orders for the commencement bouquets of the the various girls' high schools of this city have been hotly contested for by the retailers. For the West Philadelphia High, sample bouquets were submitted by eight firms and under number were voted for by the class. Messrs. Vallers & Pennock Brothers ran very close, the latter winning out by two votes. The arrangements are to be of pink Killarneys. Vollers received the order for the Wm. Penn High, while Samuel Aitken captured the bouquets for the Girls' Normal. Both of these are to be red roses.

The rose show of the Pennsylvania Horticultural Society, Wednesday, June 9, was much superior to any held for several years previous. The exhibit of George C. Thomas, Jr., was particularly fine, he staging over 180 varieties, most of them of the hybrid tea class. A number of other large estates, through their private gardeners, made exhibits, showing nearly all the newer sorts.

New and beautiful baskets, with all the novel tonal effects, for which the M. Rice Co. are celebrated, are keeping their factory force on the jump these days. Mr. Eschner says, "War or peace, they must have the goods." and he is sure their fall stock will be found better than ever.

The Leo Nissen Co. has been busy with demands for wedding and commencement flowers. An immense quantity of peonies have been used. Ameri-

Wholesale Flower Markets

PHILADELPHIA, June 16.	Per 100
Roses, Beauty, extra	20 00@25 00
" " first	8 00@10 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Snapdragons	3 00@ 5 00
Peonies	3 00@ 6 00
Gladioli	3 00@ 8 00
Mignonette	2 00@ 4 00
Asparagus, per bunch.	50

PITTSBURGH, June 16.	Per 100
Roses, Beauty, special	20 00
" " fancy	12 00
" " extra	8 00
" " No. 1	4 00
Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00
Carnations	1 50
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00@ 4 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Peonies	3 00
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch.	35@40
Snapdragon	4 00@ 6 00

RICE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, June 16.	Per 100
Roses, Beauty, per doz.,	2 00@ 4 00
" Killarney and W. Killarney	2 00@ 8 00
" Ward, Sunburst	2 00@ 6 00
" Mrs. Chas. Russell	5 00@25 00
" Richmond	3 00@ 8 00
" Ophelia	3 00@10 00
Carnations	1 00@ 3 00
Lilies	8 00@12 50
Snapdragon, per bunch, 25c@50c	
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Peonies	2 00@ 4 00
Daisies	50@ 1 00

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **$6.95**

300 Bulbs, $18.00
1200 " 70.00

C. S. & CO. NEW YORK

1000 Pips, $15.00
2500 " 35.00

$7.95 Case of 500 Pips

LILY OF THE VALLEY PIPS

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

can Beauties and sweet peas have been a feature the past week.

American Beauties are a headline with Edward Reid, as are also his Reid brand carnations and sweet peas which grade high for the season.

Berger Bros. are strong on My Maryland roses, which are now at their best. Special lily of the valley and superior out-door sweet peas are features.

K.

New York.

PEONY SURPLUS DEMORALIZES MARKET.

During the greater part of the past week the wholesale market was demoralized by a surplus of peonies. It is not recalled that peonies were ever before so plentiful and cheap. As an instance, the best and freshest festiva maxima could be bought for 25 cents per dozen and many sold for less, grading down to 10 cents per dozen. When it came to stale and open stock it went for whatever the hucksters would offer. One of these enterprising gentlemen was noted, who displayed a placard on his pushcart load of peonies: "Six for 5 cents." As may be supposed, this avalanche had a depressing effect on nearly all other stocks. Strictly first-class long-stem roses held up to five and six cents, but there was much short and inferior stocks that sold for from 25 cents to 75 cents per 100. While $2 and $3 per 100 was paid for some special carnations, many went at from 50 cents to $1 per 100. Fine stock of the orchid flowering sweet peas went for 50 and 75 cents per dozen bunches. There was little change in American Beauty roses and orchids from our quotations of June 12. It would appear that another week from this writing will about finish the peonies, and the carnations are failing fast since warmer weather set in, so relief is in sight for the market. Considerable good stock of Gladiolii America is now coming in, but moving slowly.

June 12.—The only encouraging feature, if it can be called that, in the wholesale market today is that there does not seem to be a possibility of business getting any worse. The push-cart men are much in evidence with peonies and carnations at one cent apiece. It is almost impossible to move lilies and they have been offered as low as $10 per 1,000. Lily of the valley ranges from 75 cents to $1.50 per 100.

June 14.—There is no change in the condition of the cut flower market, which continues to be overloaded with stock. As has previously been noted, there is a little special stock of roses and orchids that brings a price, but left-over and inferior stock is going largely to the push-cart men. Peonies and carnations and the short greenhouse roses seem to be the worst propositions to move. The weather is warm and the peonies cannot last much longer.

NOTES.

One of the oldest florists, and an interesting man in the retail trade of this city, is Simon Hefele, of 3361 Third avenue, Bronx borough. Mr. Hefele has been in business at his present location for 55 years, which of itself should be a matter of interest. He owns the property at the above number, where his store, residence and a small greenhouse is located. He formerly had several more greenhouses, but sold their site a few years ago for a handsome sum. He is now 72 years old, but active, and busies himself with his greenhouse and store, assisted in the store by his amiable wife. They have reared a large family of sons and daughters and have interesting grandchildren about them. The two sons are active business men, one being a civil engineer. When they began business at their present location, they were in the little town of Harlem and have lived to see a great and populous city grow up about them. May they live many more years to enjoy the fruits of their industry and thrift.

L. B. Coddington, of Murray Hill, N. J., was in this city June 8, calling on H. E. Froment, who sells the product of his two rose ranges. He is now shipping to Mr. Froment the first cut seen in this market of the new red rose Hoosier Beauty. While the stems are at this season necessarily short, the buds have substance and are a fine color. The progress of this rose will be watched with interest. Mr. Coddington and wife will attend the Panama-Pacific exposition, probably in August.

M. A. Bowe supplied the flowers for "class day" at Vassar College, Poughkeepsie. There were 157 bouquets made up from a variety of the finest flowers on the market. Mr. Bowe and his staff have likewise been very busy of late with wedding decorations. In addition to decorations in this city and Brooklyn, they arranged an elaborate decoration at Hempstead and another at Glen Cove.

William Plumb, a well known florist and landscape gardener, who has been in Cuba for nearly a year managing a large sugar plantation, arrived in this city, June 9. He will remain here during the heated term, returning September 1. He tells of the great royal palms, the orchids and roses that flourish in Cuba. He states that Paul Neyron is a rose that does well there.

W. H. Mallow, 640-642 Fulton street, Brooklyn, furnished over 1,000 peonies for the annual celebration of the Protestant Sunday schools of that borough, June 10. William Berri, owner of the Standard Union gave a luncheon to the notables at the University club, where the flowers were used. Two hundred thousand children assembled at Prospect park.

It is stated that Hans Donhauser, a well known grower and retailer of the Astoria section, was robbed by burglars of $1,600 on the night of May 31. Mr. Donhauser, who is near one of the cemeteries, had good business on and previous to Memorial day. He took the money to his residence, Monday, June 1, and the thieves entered that night.

James G. Carlaftes has a fine store at the corner of Westchester avenue and the Southern boulevard, Bronx borough. Mr. Carlaftes has been in business in this city for a number of years and is one of the prosperous Greek-American florists. He is a past president of the Greek-American Florists' Association.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

At the store of Esch, the Florist, we found business active and it was stated that they had enjoyed a good season. This business, which was founded by the late George Esch, is now a well managed corporation that purchased it from the widow of Mr. Esch, but retained the name.

H. E. Froment, M. C. Ford, W. P. Ford and John I. Raynor, a retired florist, have all been recently summoned for jury duty. Emil Schloss, who, figuratively speaking, is a half-brother to all the florists, has also been on the jury.

Albert Johnson, the grower of East 29th street, Brooklyn, who several years ago leased his range and went to Virginia, returned several months ago and now has a fine showing of ferns, bedding plants and other stock.

George N. Hart and James Marketos, both well known in the retail trade of this city, have opened a store at Narragansett Pier, R. I.

S. C. Gilbert, a florist, of 275 Columbus avenue, was visited by burglars on the night of June 11 and lost $100 and jewelry.

Leo Klein and wife, of Lexington avenue and 60th street, will go to Mt. Clemens, Mich., July 1 for a stay of six weeks.

The closing, and moving uptown of a number of business houses that were near it (23d street near Sixth avenue) has been a contributing cause to the failure of the Musee.

OFFICIAL S. A. F. **Shipping Labels**

FOR CUT FLOWERS: in two colors on gummed paper: your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, $2.85: per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones 1664 Madison Square, 1665 34 W. 28th St., New York

Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Paul Meconi

Wholesale Florist

55-57 West 26th Street

NEW YORK CITY

Telephone: 3864 Madison Square.

The Eden Musee, where the first orchid show staged in this city was held, has gone into bankruptcy and we learn that the collection of wax figures, mummies and other awe-inspiring features will be sold at auction. Among them is the mummy of Meuna, an Egyptian princess, who became mummified "late in the Twelfth Dynasty," —figure out for yourselves when that happened. There is also a wax figure of William Sulzer, for a time governor of this state and yet in the flesh. Edmund G. Dannell, manager of the Musee, has stated: "Long before half of the people knew the difference between an orchid and a crook-neck squash we had the first orchid show ever given in New York, in this building. Some people had an idea that the orchids were a dramatic company, and one patron of the house on that occasion actually asked what time they would perform. We were the first to exhibit moving pictures in New York, and among other things moving pictures have reduced the revenue of our house."

A. F. F.

New York Florists' Club.

The local florists' club met in its rooms in the Grand Opera House on the evening of June 14. Considering that the day and evening were excessively hot, there was a large attendance. The outing committee reported progress and promised a very enjoyable affair, July 14, the day fixed for the outing. The steamer Ursula will take the party to Witzel's grove and there will be good music, plenty of eats and an interesting program of games and races. The flower show committee reported progress. The committee appointed at last meeting to interview the public service commissioners relative to the carrying of packages of flowers on the street and subway lines reported that the trade be urged to carefully wrap the stems of all flowers in order to avoid dripping.

T. A. Havemeyer, N. B. Irwin, H. E. Mengham, Ester Gerlaird, New York, and Wm. A. Rodman, Brooklyn, were elected members, and C. F. Heitzman, John Scheepers and Geo. Hildenbrand, all of New York, were proposed for membership.

Roman J. Irwin, chairman of the transportation committee, wishes to hear before July 10, from all who intend to make the trip to San Francisco, Calif. The start will be made August 5. His address is 108 W. 28th

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, June 16.	Per 100
Roses, Beauty, special	8 00@15 00
" " extra and fancy	4 00@ 6 00
" " No. 1 and No. 2	50@ 1 00
" Alice Stanley	1 00@ 8 00
" Prince d'Arenberg, special	4 00@ 5 00
" Francis Scott Key, special	6 00@ 8 00
" Mrs. Geo. Shawyer, special	3 00@ 4 00
" " " extra	2 00@ 3 00
" " " No. 1 & No. 2	25@ 50
" White Killarney, special	3 00@ 4 00
" Killarney, My Maryland... special	3 00@ 4 00
" " No. 1 and No. 2	50@ 1 00
" " Queen	50@ 5 00
" " Brilliant	50@ 5 00
" Aaron Ward	50@ 6 00
" Richmond, special	50@ 4 00
" Sunburst	50@ 5 00
" Taft	50@ 5 00
" Milady	50@ 5 00
" J. L. Mock	30@ 6 00
" Hadley	1 00@ 8 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@ 8 00
Carnations	25@ 1 00
Cattleya Orchids, special	35 00@40 00
" " inferior grades	10 00
Lilies, Longiflorum and Harrisii	1 00@ 2 00
Lily of the Valley	1 00@ 2 00
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	1 25@ 1 50
Sweet Peas, per doz. bunches	.25
" " Spencer type, 100 flowers	1.00
Peonies, special.....per doz.,	8c@15c
Gladiolus.....per doz.,	25c@35c
" America..... " "	50c@75c

United Cut Flower Co., Inc.

WHOLESALERS

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments

GEORGE J. POLYKRANAS, Manager.

Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones 798 and 799 Madison Square.

Orchids, Roses, Carnations, and all the other best products of the leading growers.

Consignments solicited.

Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square.

Mention the American Florist when writing.

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere

Prompt and satisfactory. Consignments solicited

Mention the American Florist when writing.

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York

Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising

V. S. DORVAL, Secretary.

Mention the American Florist when writing.

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade, at Wholesale.

TELEPHONES MADISON SQUARE 1519-5893

119 West 28th Street NEW YORK

Mention the American Florist when writing.

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

Mention the American Florist when writing.

M. C. Ford

121 WEST 28th STREET

NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing.

Mention the American Florist when writing

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.
Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) $2.50 per case

Fancy Ferns	per 1000, $1.25
Dagger Ferns	per 1000, 1.00
Natural Moss	per bag, 1.75
Perpetuated Moss	per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

Florists' Supplies
THAT EXCEL.
M. RICE CO.
1220 Race St., PHILADELPHIA, PA.

The best florist boxes for style and quality are
SEFTON BOXES
Illustrated catalog in colors on request.
1333 W. 35th St., CHICAGO, ILL.

Get In On This
SPECIAL INTRODUCTORY OFFER

The Basket we illustrate, 304 A, 4 x 4½ x 12 inches high, with glass liners. 20 cents each.
$2.00 per dozen.

A. L. VAUGHAN & CO.
(Not Inc.)
161 N. Wabash Avenue, CHICAGO
Telephones { Central 2571, " 2572, Auto. 48-734

National Florist

National Floral Corporation wants ONE progressive retail florist in each city to act as its representative. Our unique **sales creating plans** will please you. Write now for booklet giving interesting details.

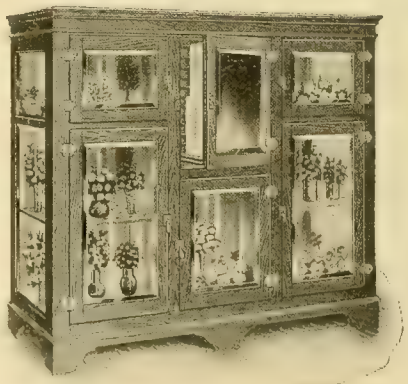
National Floral Corporation
220 BROADWAY, NEW YORK, N. Y.

Street, New York. The round trip will be made in about 32 days, the cost for each person will be $350, including railway fare, hotels, etc. The convention opens August 17. Charles H. Totty made an interesting address on his trip to the Panama-Pacific exposition, San Francisco. He spent some time there, being one of the judges on horticulture. He was greatly pleased and interested with his experience and thinks the exposition a wonderful success. He was roundly applauded at the close of his speech.

Bertrand H. Farr, president of the American Peony Society, whose home is at Wyomissing, Pa., was at the meeting, and spoke interestingly, both on peonies and irises. He spoke of peony planting at Washington, D. C., in autumn, and choice varieties, along the lines that have been followed by the American Rose Society. He brought up the matter of difficulty in tracing the names of many varieties, and said that the future of the peony rests with the amateurs. He urged that only the best varieties be grown. At the conclusion he was given a rising vote of thanks.

The exhibits were as follows: Bertrand H. Farr, Wyomissing, Pa., irises in variety, vote of thanks; Wm. Tricker, Arlington, N. J., white campanulas, and Polyantha Rose Mrs. Turbat, vote of thanks; W. A. Manda, South Orange, N. J., collection of dahlias, vote of thanks; Joseph Manda, West Orange, N. J., new lavender swainsona, named Mrs. Joseph Manda, certificate of merit.

The house committee, Philip F. Kessler, Myer Othile and George Mustae, were active in supplying the wants of the inner man. A. F. F.



FLORISTS' REFRIGERATORS—CATALOG FREE
BUCHBINDER BROS.,
518 Milwaukee Ave., Dept. F, CHICAGO

LYRATA $2.50 Per Case

Fancy Ferns	$1 25 per 1000
Dagger Ferns	1 00 per 1000
Natural Moss	1 75 per Bag
Perpetuated Moss	3 50 per Bag

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**
Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.
Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.
We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**
Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.
Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

PLYMOUTH, IND.—Wm. Reslar, florist, of this city, was struck by a freight engine and killed May 27.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated. on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. Ltd. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS

Experts to Arrange Them.

150 E. Fourth St.

Chicago. Des Moines

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. T. J. JOHNSTON & CO. 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address; ALEXCONNELL, Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

Friedman

FLOWERS

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OR—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Max Schling

NEW YORK
No. 22 West 59th Street
Adjoining Plaza Hotel
Members of the Florists' Telegraph Delivery.

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing.

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing.

St. Louis, Mo.

F. H. WEBER

Boyle and Maryland Ave. Both Long Distance Phones.

Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.

WASHINGTON
D. C.

—

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE, President

Members of Florists' Telegraph Delivery.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackistone.

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price $3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metaire Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia.—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing.

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best **Dunlop's**

96 Yonge Street,

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing.

THOS. F. GALVIN INC.

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Deliveries to Steamers and all Eastern Points.

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DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

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All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr.

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Member Florists' Telegraph Delivery.

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25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

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1181 E. 71st St.

The Largest Growers of Flowers in City

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PAUL M. PALEZ,

FLORIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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Toledo, O.

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Both Phones, 527.

Special attention to Mail and Telegraph Orders

Member of The Florists' Telegraph Delivey.

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DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.

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Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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THINK OF HEINL'S

New York.

MYER, FLORIST, 609-611 Madison Ave

Phone 5297 Plaza.

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The Flower Shop The Leading Florists

69 MADISON AVENUE

KANSAS CITY, MISSOURI.

Rock's Flowers

Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice

Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE

"Some Florist"

16 N. 6th St., Ft. Smith, Ark

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Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

C. Frauenfelder FLORIST

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CHICAGO

DENTON FLORAL CO., DENTON, TEX.

S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist

1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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TORONTO, CANADA

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

Members of Florists' Telegraph Delivery.

Funeral Emblems Cut Flowers

Brown Bros. & Co.,

Ltd.

FLORISTS, NURSERYMEN AND SEEDSMEN

Bulbs Seeds

48 Hastings St., E.,

Vancouver, B. C.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery

Pansy—Vaughan's Cut Flower Mixture.

Flower Seeds for Summer Sowing

Pansies. Vaughan's Cut Flower Mixture.

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of the flowers. Pansies are as easily grown as violets, require less care and bring better returns. Sow now for winter blooming. **Trade pkt. 25c; ⅛ oz., 85; ¼ oz., $1.40; oz., $5.00.**

Mignonette. True Machet. Vaughan's Selected Stock.

The seed we offer produces dwarf, vigorous plants of pyramidal growth, with very thick stout flower stalks. Finest in every way for florists' use and for pots. **Trade pkt., 10c; ½ oz., 40c; oz., 75c.**

Mignonette. New York Market.

The plants grow from 2 to 3 feet high and produce flower spikes up to 20 inches long, according to the quality of the soil, weather and treatment. **Packet (about 1000 seeds), 50c; ⅛ oz., $1.00; oz., $7.00.**

Cineraria. Vaughan's Columbian Mixture.

It consists of a mixture made up by ourselves of the choicest English, French and German strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. **Trade pkt., (500 seeds), 50c; 3 pkts., $1.40.**

Our List of Flower Seeds for Summer Sowing Now Ready.

VAUGHAN'S SEED STORE

CHICAGO, ILL. NEW YORK, N. Y.

Texas State Florists' Association.

R. C. Kerr, president of the Texas State Florists' Association, announces that many features of interest have been arranged in connection with the second annual convention of the organization, which will be held at Fort Worth, July 6-7.

Railroads have made a special rate of one and one-third fares for the round trip from points in the state to Fort Worth. A live programme, instructive and interesting, covering questions of direct interest to the craft, has been prepared, and aside from 75 per cent of the florists of Texas who will attend, Illinois, Missouri, Mississippi, Colorado, Louisiana, Oklahoma and Tennessee will be well represented. A nice line of exhibits are assured, and the Ft. Worth Florists' Club has arranged a splendid programme of entertainment.

The tentative programme of the Florists' section of the International Association of Rotary Clubs, to be held at San Francisco, July 19-23, has been announced. Mr. Kerr, who is a director of the Rotary Club of Houston, Tex., urges all florists who attend the Rotary convention to remain over for the S. A. F. Convention, which a number of the florists have announced their intention of doing. The programme of the florists' section at the Rotary convention is as follows:

Monday, July 19—1:00 p. m. Luncheon at St. Francis hotel. (Get together and get acquainted.) After lunch, adjournment for section meeting.

Some topics for discussion:

"How to Put Our Business on the Highest Plane, and Carry Out the Principles of Rotary."

"Rotary Florists Co-operation in Exchange of Business."

"The Florists' Page in the 'Rotarian.'"

"How Rotary Florists Should Serve Their Local Rotary Clubs."

"How to Create Interest in the Convention Florists' Sectional Meetings."

"Reports of the Houston Meeting."

FT. WORTH, TEX.—The Seventh Street Flower Shop has moved to 110 West Sixth street and will in future be known as Getzindaner & Boswell.

Chrysanthemum Rooted Cuttings

For Immediate Delivery

WHITE	100	1000
Smith's Advance	$2 00	$15 00
October Frost	2 00	15 00
Virginia Poehlmann	2 00	15 00
Alice Salomon	3 50	30 00
Chas. Razer	2 00	15 00
Lynwood Hall	2 00	15 00

YELLOW	100	1000
Chrysolora	$2 00	$15 00
Ramapo	2 00	15 00
Golden Salomon	3 50	30 00
PINK		
Amorita	2 00	15 00
McNiece	2 50	20 00
Chieftain	3 50	30 00

Chrysanthemums, from 2½-in. pots.

Smith's Advance	per 100, $2.50;	per 1000, $20.00
October Frost	per 100, 2 50;	per 1000, 20.00
Lynwood Hall	per 100, 2.50;	per 1000, 20.00

All first-class guaranteed stock.

J. D. THOMPSON CARNATION CO., Joliet, Ill.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Mention the American Florist when writing

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

FREE

This Fine

Budding Knife

With 2 New Subscriptions.

American Florist Co.

440 S. Dearborn St., CHICAGO

Roses

Specially priced stock list 2½ and 4-in.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO

The Seed Trade

American Seed Trade Association.

Lester L. Morse, San Francisco, Calif., President; J. M. Lupton, Mattituck, L. I., N. Y., First Vice-President; E. C. Dungan, Philadelphia, Pa., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

BERMUDA reports the Lilium Harrisii bulb crop hurt by drought.

LOUISVILLE is quoting cowpeas at $1.65 per bushel and soy beans at $1.75 per bushel.

CHICAGO.—Prices for grass seed on the Board of Trade June 16 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.

EDMONTON, ALBERTA.—A. E. Potter & Co. are reported to have made an assignment, with call for meeting of creditors, June 28, J. A. Mackinnon, assignee.

GRAND RAPIDS, MICH.—The family of A. J. Brown left for their summer home at Northport, Mich., where Mr. Brown will join them on his return from the coast.

MILWAUKEE, WIS.—A. Currie & Co. say this has been the best year in their business. Stocks are well cleaned up in nearly all lines and the demand at this time is fairly good, mostly for replanting, due to the unfavorable weather in May.

JOHN T. BUCKBEE, of Rockford, Ill., when in Chicago, June 10, riding in the auto of A. Bonteau, of the International Forwarding Co., found himself in a serious accident when the car skidded and seriously injured a woman crossing the street.

ADVICES of June 12, from the Twin Falls, Idaho, pea and bean districts, say peas are looking fine, beans about half planted. A big delegation of seedsmen interested in Idaho seed growing districts will take in that region, returning from the San Francisco convention.

VISITED CHICAGO: R. C. Steele, of the Canadian Seed Co., Toronto, Ont.; S. A. Wilson, of the L. L. Olds Seed Co., and wife, Madison, Wis.; Wm. T. Phillips, of the Wm. T. Phillips Seed Co., and wife, Toledo, O.; George C. Thompson, of Northrup, King & Co., Minneapolis, Minn.

GARDEN BEANS are not yet fully planted in Michigan. Some contract growers say their farmers have been told not to plant until the warm weather has come to stay. The A. J. Brown Seed Co., Grand Rapids, is advising its growers to inoculate their seed beans with nitrogen bacteria.

REPORTS generally regarding mail and counter seed trade throughout the country are that business fell off badly after the end of April, but counter trade in June has held up considerably better than May indicated. The weather has been good for everything except cut flowers and field corn.

VAUGHAN'S SEED STORE, under date of June 15, writes as follows: "Our business at Chicago showed a fair increase the first four months of 1915, but since the end of April the falling off has been material. June, however, is holding up better than usual. Our advance orders for import stocks are running good."

STURGEON BAY, WIS.—The Reynolds Preserving Co. report their first planting of peas in bloom, June 11, and the crop looks very promising. The cold, wet weather evidently has not damaged them in the least, and with favorable weather from now on the canning factory will probably start the first week in July.

CINCINNATI, O.—J. Chas. McCullough, Mrs. McCullough, Miss Ethel McCullough, Miss Leslie, of Chicago, and A. J. Brown, of Grand Rapids, Mich., left Chicago, June 15, for the seed trade convention at San Francisco. Trimble McCullough will join the party at the exposition and motor with them to San Diego, later proceeding to Trimble McCullough's home at Lompoc, where they will camp for a week among the hills and trout brooks.

Timothy.

Thomas M. Hunter on the Chicago board of trade, June 11, bid $7.25 on one to 100 cars of September timothy but declined one car at $7.50. There were no buyers for spot timothy at $6.

Connecticut Seed Crops.

Orange, June 14.—Seed crops here are looking only fair. Some fields are showing much blight and will not be a full crop. Many fields of beet did not start yet and will not be over 50 per cent of a crop. Carrot is looking very poorly. Turnip and kale will not be over 50 per cent of a crop here. Sweet corn germinated poorly and the field stand is thin. F. C. W.

New York Seedsmen.

An interesting event of the past week was the marriage, June 10, of David Don, of Weeber & Don, to Miss Edith C. Vine, daughter of Mr. and Mrs. Elwood W. Vine, of Ridgewood, N. J. The ceremony took place at the home of the bride's parents. Rev. P. C. Pearson, of Christ Church, Ridgewood, officiated. This firm has also been featuring peonies in the windows and reports good sales of roots.

S. D. Woodruff & Sons say their business during the past season has been fully 25 per cent ahead of the year before and has kept their force of help working to the limit. Stocks have never been so low in their warehouse as they are at present. Watson S. Woodruff and wife and two sons, Styles D. and Watson S., Jr., are attending the San Francisco seed trade convention.

At the store of Peter Henderson & Co., there was a fine display of cut blooms of peonies, all named varieties, during the past week. There were probably near 200 varieties and they attracted much attention. Patrick O'Mara, of this firm, has returned from New Orleans.

J. M. Lupton, of Mattituck, L. I., and Thomas Madsen, the Danish cabbage seed dealer, are attending the San Francisco seed trade convention.

Grenell Will.

The will of the late William H. Grenell, of Pierrepont Manor, N. Y., and Saginaw, Mich., was recently offered for probate. It is said that Mr. Grenell left an estate of something like $200,000. There were no charitable bequests. Mr. Grenell Huggins, the grandson, is the principal beneficiary and succeeds to the business and property on reaching the age of 25 years. Other beneficiaries are Mrs. Grenell, the widow, George P. Grenell, Miss Isabelle M. Swett, Chas. E. Goodnough, Matthew J. Huggins, son-in-law, Mrs. Anna Grenell Huggins, daughter, and O. E. Grenell, cousin. H. H. Waite, of Adams, N. Y., Charles E. Goodnough, of Ellisburg, N. Y., and Miss Isabelle M. Swett, of Saginaw, Mich., are named as executors. It was the desire of Mr. Grenell that the seed business be continued as long as it is profitable and desirable under Miss Isabelle M. Swett's management.

Onion Sets At Chicago.

Onion sets are making a remarkable growth this cool, wet weather. Growers are fearful that the heavy growth of tops may fall over in case of hot weather and rot, causing decay and possible injury to the sets before they can be rightly cured. George C. Thompson, of Northrup, King & Co., Minneapolis, Minn., who visited a large number of the onion set growers last week, says: "While a considerably increased acreage was sown, excessive moisture hurt the germination and this with smut and washouts will probably reduce the crop to about last year's proportions. The crop should be made about July 4, with sufficient whites and yellows and a shortage of reds. A better rotation of crops and the use of new ground would probably tend to eliminate the smut."

H. H. Chester & Co., Chas. E. Waterman and others have greatly increased their warehouse facilities.

Convention Seedsmen At Chicago.

Quite a large number of seedsmen visited Chicago last week, enroute to the annual convention of the American Seed Trade Association, to be held at San Francisco, June 22-24. The visitors called at various places of trade interest, leaving on the Santa Fe, June 12, at 11 p. m. The train was about three hours late in starting, as on account of the heavy traffic and washouts at various places some difficulty

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

SEEDSMEN'S SAN FRANCISCO CONVENTION PARTY WITH FRIENDS AT CHICAGO DEPOT JUNE 12.

was experienced in securing cars to make up the train. The travelers and a number of friends who accompanied them to the railroad station are shown in the illustration herewith, the escorting party including George S. Green, of the Illinois Seed Co., Chicago; S. A. Wilson, of the L. L. Olds Seed Co., and wife, Madison, Wis.; Wm. T. Phillips, of the Wm. T. Phillips Seed Co., and wife, Toledo, O.; Chas. Hollenbach and wife, and in the foreground the Hollenbach twins, Chicago; George C. Thompson, of Northrup, King & Co., Minneapolis, Minn.; J. Sluis and J. Sluis, Jr., Chicago, and THE AMERICAN FLORIST was represented by M. Barker and E. A. Ollinger.

Another party consisting of J. Chas. McCullough and wife, Miss Ethel McCullough, Cincinnati, O.; Miss Leslie, Chicago, and A. J. Brown, of Grand Rapids, Mich., left on the Santa Fe at 8:05 p. m., June 15. The names of those in the first delegation are appended:

Donald K. Belt, Baltimore, Md.
F. W. Bolgiano, Washington, D. C.
Mrs. F. W. Bolgiano, Washington, D. C.
Chas. Boller, Rochester, N. Y.
H. H. Chester, Chicago.
Mrs. H. H. Chester, Chicago.
Miss Grace Chester, Chicago.
Miss Ruth Chester, Chicago.
Peter Hollenbach, Chicago.
Mrs. Peter Hollenbach, Chicago.
N. B. Keeney, Le Roy, N. Y.
George L. Kurtzweil, Des Moines, Ia.
Burnet Landreth, Bristol, Pa.
Wm. C. Langbridge, Cambridge, N. Y.
Mrs. Wm. C. Langbridge, Cambridge, N. Y.
S. F. Leonard, Chicago.
Mrs. S. F. Leonard, Chicago.
Miss Bessie Leonard, Chicago.
Miss Linthicum, Washington, D. C.
J. M. Lupton, Mattituck, N. Y.
Thomas Madsen, New York.
C. C. Massie, Minneapolis, Minn.
C. C. Massie, Jr., Minneapolis, Minn.
E. M. Parmelee, Sheboygan, Wis.
Lawrence S. Payn, France.
A. L. Rogers, Alpena, Mich.
Mrs. A. L. Rogers, Alpena, Mich.
Herman Simmers, Toronto, Ont.
Rupert Simmers, Toronto, Ont.
Victor Simmers, Toronto, Ont.
C. E. Waterman, Chicago.
M. H. Waterman, Chicago.
Oscar H. Will, Bismarck, N. D.
F. H. Woodruff, Milford, Conn.
Mrs. F. H. Woodruff, Milford, Conn.
Watson S. Woodruff, Orange, Conn.
Mrs. Watson S. Woodruff, Orange, Conn.
Styles D. Woodruff, Orange, Conn.
Watson S. Woodruff, Jr., Orange, Conn.

JOHN H. ALLAN SEED CO.
Growers of choice varieties of
Peas and Beans
Sheboygan, Wis.

FERTILIZERS, ETC.
BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.
SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50. 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.
ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.
THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, CHICAGO

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

COLD STORAGE
VALLEY
Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. $16 00 for 1000; $8.50 for 500; $4.50 for 250; $2.00 for 100.
Florists' Money Maker, best Valley at moderate prices, $14.00 for 1000; $7.50 for 500; $4.00 for 250.
H. N. BRUNS
3032 Madison Street, CHICAGO

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited. **Swedesboro, New Jersey**

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

Mention the American Florist when writing

Before Placing Orders for
SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and **FLOWER SEEDS** in general; **TOMATO, LIMA** and **POLE BEANS,** write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

CHRYSANTHEMUMS

FROM 2¼-INCH POTS. Per 100

Smith's Ideal and Oconto $6.00
Chieftain, Mary E. Meyer, Chadwick Improved, Harvard, W. H. Chadwick 4.00
Chrysolora, Clementine Touset, Donatello, Arlette Dubois, October Frost, Pacific Supreme, Smith's Advance, Yellow Frost, Col. D. Appleton, Major Bonnaffon 3.00
POMPONS—Golden Climax, Golden Harvest, Golden West 4.00
Clorinda, Iva, La Purite, Lillian Doty, Minta, Nio, Quinola 3.00
ANEMONES—Azelda .... per 100, $5.00 Garza 3.00
SINGLES—Josephine, Ladysmith, Little Barbee, Mensa, Mrs. Wm. Buckingham, Rob Roy, 3.00

Not less than 25 of a variety at hundred rate. Cash with order.

ELMER D. SMITH & CO., - Adrian, Mich.

Seedsmen requiring the very best selections

Garden Seeds

(Vegetable and Flower), especially
Kelway's Celebrated English Strains

can get them at lowest independent wholesale rates by sending their orders direct to

KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.

Mention the American Florist when writing

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.
Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

Freesias California Grown

	Per 100	Per 1000
Mammoth, ⅝-in. and up...	**$1.00**	**$8.00**
Choice, ½ to ¾-in..........	**.65**	**5.00**
First Quality, ⅜ to ½-in...	**.45**	**3.00**

Vaughan's Improved PURITY.

	Per 100	Per 1000
⅝ in. and up..	$2.25	$18.00
½-in. to ¾-in..	1.75	15.00
⅜-in. to ½-in..	1.50	12.00

PURITY--True.

⅝-in. and up ..	2.00	18.00
⅝-in. to ¾ in..	1.75	15.00
⅜-in. to ½-in..	1.50	12.00

Vaughan's Seed Store

CHICAGO NEW YORK

USE

Thorburn's Seeds

FOR YOUR SPECIAL IDEAS

ANY special idea you may have for plants or flowers will get its support here—our stock of seeds is so extensive.

Our seeds for late-summer blooming will yield a perfect rainbow-range of color.
Write for our catalog.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW YORK

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Contract Seed Growers
Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,
8-9 in., 8-10 in., 9-10 in.
Also Bamboo Stakes, green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower.
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

THE
J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds **Baltimore, Md.**

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PAINESVILLE NURSERIES
CATALOGUES AND PRICE LISTS FREE ON APPLICATION
PAINESVILLE, - OHIO
Mention the American Florist when writing

CARNATIONS
F. DORNER & SONS CO.,
LaFayette, - - Indiana

Begonia Lorraine
2¼-in. pots, $12.00 per 100; $110.00 per 1000.
Begonia Glory of Cincinnati
2¼-in. pots, $15.00 per 100; $140.00 per 1000.
CYCLAMENS
Separate colors; finest strain; extra strong plants.
3-in. pots, $10.00 per 100; $90.00 per 1000.
PANDANUS VEITCHII
6-in., 7-in. and 8-in. pots.
DRACAENA MASSANGEANA
5-in., 6-in. and 7-in. pots.
CAMELLIAS
In the very best varieties for growing on. 6-in., 7-in. and 8-in. pots.
JULIUS ROEHRS CO., Rutherford, N. J.

MY
Winter Orchid Sweet Pea
Has just received the
Gold Medal of Honor
the highest award in floriculture, by the Panama-Pacific Exposition.
Write for price list, which has been already mailed.
ANT. C. ZVOLANEK
Lompoc, Calif.

For the Best New and Standard
DAHLIAS
Address
Peacock Dahlia Farms,
P. O. Berlin, N. J. Williamstown Junc., N. J.

SPECIALTIES
Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets
IN BEST VARIETIES.
Prices low. Send for list.
Wood Brothers, FISHKILL New York

Orchids
If you want Orchids for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but Orchids. Special lists on application.
LAGER & HURRELL, Summit, N. J.

Trade Directory
OF THE
United States and Canada
Price: $3.00, Postpaid.
American Florist Co.,
440 S. Dearborn St.,
CHICAGO.

Asparagus

	Per 100
Plumosus, from 2 in. pot	$2.00
Sprengeri, per 1000, $17.50	2.00
Primroses, ready in July	2.00
Pansy Seed, giant fl. oz., $4.00	

— CASH —
Jos. H. Cunningham
DELAWARE, OHIO.

ROOTED CUTTINGS.
Heliotrope, 8 varieties, $1.00 per 100; $8.00 per 1000. Coleus, 30 varieties, 70c per 100; $6.00 per 1000. Petunias, 10 varieties $1.25 per 100; $10.00 per 1000. Ageratums, 4 varieties, 60c per 100; $5.00 per 1000. Salvias, 4 varieties, $1.00 per 100; $8.00 per 1000. Alyssum, $1.00 per 100; $8.00 per 1000. Pelargoniums, 15 varieties, $2.50 per 100. Daisies, white, $1.00 per 100. Everything named and satisfaction to all. Cash with orders. We prepay express or mail. S. D. BRANT, Clay Center, Kans.

GERANIUMS
Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and Buchner	$10 00 per 1000
Ricard and Poitevine	12 50 " "
Asparagus Plumosus	25 00 " "
Smilax	12 50 " "

Send for list of bedding plants.
ALBERT M. HERR, LANCASTER, PA.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President; Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

LOCKPORT, N. Y.—Severe frosts May 26-27 are reported to have destroyed more than five million tomato plants in this vicinity. In Orleans and Niagara counties damage to vegetable crops is estimated at half a million dollars.

Prices of Indoor Fruits and Vegetables.

Chicago, June 15—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 7½ cents per box; radishes, 75 cents to $1.00 per dozen bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 30 cents to 40 cents per dozen.

New York, June 15.—Cauliflower, per barrel, $1.25 to $1.50; cucumbers, 50 cents to 65 cents per dozen; mushrooms, 50 cents to $1.75 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 35 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Mushrooms Under Benches.

ED. AMERICAN FLORIST:

Please advise how long mushroom spawn can be kept and the proper way to grow mushrooms under greenhouse benches. L. L.

Iowa.

Mushroom spawn can be kept theoretically for a long time, belonging in nature to dormant life, but in practice we find that our changing climate makes long-keeping undesirable and unsafe. Sooner or later exciting conditions occur and generally our spawn is injured and lost. Hence, the ever present demand for fresh spawn. Spawn in storage is very similar to seed, demanding a cool, dry place with a fair degree of ventilation and a steady temperature. Violent changes in temperature carry with them an unavoidable fluctuation of air moisture, which causes most of the trouble.

To grow mushrooms under greenhouse benches also looks nice in theory and not so attractive in practice. We do not wish to say it cannot be done, but we do wish to say the practice is very often undesirable for several reasons; labor involved and bad effects on growing greenhouse crops. The manure, when used for building the beds, has enough heating power remaining to seriously interfere with the air in cut flower houses at night. This may not be the case when a small bed is built, but where one or more beds are put in the entire length of a house, some trouble may be expected. We have had a bad case on our hands the past winter where we stored Sugar Pie pumpkins under greenhouse benches in large quantities. The thing looked fine at first, but we soon found that our lettuce plants were badly mildewed, owing no doubt to the moisture given off by the pumpkins. In 25 years we have never before had mildewed lettuce plants. So much for experience.

The requirements for mushrooms under benches are a moderate temperature, say a lettuce or carnation house; no heating pipes under that particular bench. Use dropping or sliding curtain of boards or dark cloth to prevent air currents drying out the beds; also to exclude light and sunshine. Operations should be begun in September so the crop comes in during the cool months and be off about April 1 to 15.

We believe in one thing well done being better than two things half done, hence a separate mushroom house is generally better than under-bench culture. MARKETMAN.

Onion Crop Estimates in Louisiana.

The Bermuda and Creole onion crop of La Fourche Parish, La., this year is estimated by the truck crop specialist of the bureau of crop estimates to be about 2,000 acres; this is the second most important onion section of the south. The census bureau reported 2,500 acres in 1909; thus the acreage this year is about 20 per cent less than in the census year. The condition of the crop in the middle of May was only fair, estimated at 76 per cent of a normal. Excessive moisture prevailed in the first two months of the year and a drouth of 70 days afterward, causing the onions to be small and stemmy. Further damage was caused by frost, March 22. No damage by insects is reported. About 35 per cent of the crop has been harvested.

Mushrooms and Other Common Fungi.

It is impossible to tell the difference between mushrooms and toadstools by any of the so-called "tests," according to specialists of the department of agriculture, and the only safe method is by studying each species from a botanical standpoint. It is well to look with suspicion upon any mushroom which is not positively known to be edible, and they should never be eaten except when perfectly fresh at the time they are prepared for food. As an aid in identifying the common species of mushrooms and in distinguishing between edible and injurious varieties, the department has recently issued Bulletin 175, Mushrooms and Other Common Fungi. This bulletin names and describes 159 species of mushrooms and other fungi. The importance of being able to identify poisonous varieties is emphasized by the fact that the list comprises 72 poisonous or suspected species.—Agri. Dept. News-letter.

Summer Utilization of Greenhouses.

The suggestion is often made that the greenhouse might be used during the mid-summer months for growing crops, but as yet in Ohio such use has not been found practicable, according to a bulletin of the state agricultural experiment station at Wooster. The conditions in greenhouses are entirely controllable and it is quite possible to grow many of the heat-loving or tropical vegetables, such as egg plant, peppers, squashes, etc., but most greenhouse men seem to desire a period of rest during mid-summer. Nearly all have some outside interests requiring attention at this period and help is in greatest demand at this time.

Cover crops can be grown during this period, but the cost of caring for them usually makes them too expensive, considering the relatively small amount of vegetable matter they add to the soil. The care in watering the summer mulch is much less and it adds much more organic matter to the soil.

CHRYSANTHEMUMS

50,000 rooted cuttings and plants from soil
Leading market sorts. Write for prices.
William Swayne, Kennett Square, Pa.

Cabbage and Tomato Plants.

LEADING VARIETIES

30c per 100 by Parcel Post; by express 75c per 500; $1.00 per 1000; 10,000 and over 85c per 1000; 100,000 at 75c per 1000.
R. Vincent Jr. & Sons Co., White Marsh, Md.

Mushrooms

HOW TO GROW THEM

BY WM. FALCONER.

THE BEST AMERICAN BOOK ON THE SUBJECT
170 Pages.—Price $1.00—29 Illustrations.
AMERICAN FLORIST COMPANY
440 S. Dearborn Street, Chicago.

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Pure Culture Mushroom Spawn

Substitution of cheaper grades is thus easily exposed. Fresh sample brick, with illustrated book, mailed postpaid by manufacturers upon receipt of 40 cents in postage. Address

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A course for Gardeners, Florists and Home makers, taught by Prof. Beal of Cornell University.

Progressive florists recognize the growing importance of a knowledge of landscape art.

We also offer a practical course in Floriculture, including Greenhouse Construction and Management.

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GROWER and EXPORTER on the VERY LARGEST SCALE of all CHOICE VEGETABLE FLOWER AND FARM SEEDS. (Established 1787.)

SPECIALTIES: Beans, Beets, Cabbages, Carrots, Kohl Rabi, Leek, Lettuces, Onions, Peas Radishes, Spinach, Turnips, Swedes, Asters, Balsams, Begonias, Carnations Cinerarias, Gloxinias, Larkspur, Nasturtiums, Pansies, Petunias, Phloxes, Primulas, Scabious Stocks, Verbenas, Zinnias, etc. Catalogue free on application.

HENRY METTE'S TRIUMPH OF THE GIANT PANSIES (mixed), the most perfect and most beautiful in the world, $6.00 per oz., or $1.75 per ¼ oz., $1.00 per ⅛ oz., postage paid Cash with order.

All seeds offered are grown under my personal supervision on my own vast grounds, and are warranted true to name, of strongest growth, finest stocks and best quality.

ALSO GROW LARGELY ON CONTRACT.

SEASONABLE STOCK

BOXWOOD BUSHES.

Bushes, 18 to 24 ins., 75c each; in tubs....................$1.00 each

GERANIUMS, Nutt, Viaud, Perkins, Cliffton, Gen. Grant, La Favorite, 4 in. 7c

Poitevine 3-in. $5.00 100

Salleroi, 2-in., 2c; 3-in....................4c

Variegated Nutt, 2¼-inch.................... 5.00 100

Rose Geraniums, 4-in.................... 8.00 100

TRANSPLANTED SEEDLINGS.

Verbenas, transplanted ....$1.00 per 100

Lobelias, clumps in bloom....................$1.00 per 100

Asters ....$1.00 per 100

Begonias .... 1.25 per 100

Hardy Phlox .... 1.25 per 100

Primula Obconica Grandiflora and Gig.................... 2.00 per 100

Primula Malacoides .... 2.00 per 100

BEGONIAS.

Begonia Chatelaine.		Begonia Xmas Red.	
2¼-inch	$5.00 100	2¼-inch	$6.00 100
3-inch	$8.00 100	3-inch	$10.00 100
Begonia Erfordii.		**Begonia Prima Donna.**	
2¼-inch	$3.00 100	2¼-inch	$3.00 100
3-inch	6.00 100	3-inch	6.00 100
Begonia Luminosa.		**Begonia Triumph.**	
2¼-inch	$3.00 100	2¼-inch	$3.00 100
3-inch	6.00 100	3-inch	6.00 100

Erfordii, Prima Donna, Luminosa, Semperflorens Vernon, transplanted seedlings. $1.85 per 100.

Begonia Gloire de Lorraine, ready now, 2¼-in., per doz. $1.50; $12.00 per 100. Begonia Glory of Cincinnati, 2¼-in., $2.00 per doz., $140 per 1,000, $15.00 per 100.

CANNAS.

K. Humbert, 4-in....$8.00 per 100 F. Vaughan, 4-in....$6.00 per 100

K. Humbert, 3-in.... 6.00 per 100 F. Vaughan, 3-in.... 4.00 per 100

Express, 4-in. ......$8.00 per 100 Express, 3-in. ...... 6.00 per 100

CYCLAMEN GIGANTEUM—WANDSBEK TYPE.

Seedlings, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties, equally divided, $3.00 100; $25.00 1,000. Improved Glory of Wandsbek, dark and light, better grower than any salmon and larger flowers, $5.00 100; $40.000 1,000. Glory of Wandsbek and Rose of Wandsbek, separate, $4.00 100; $35.00 1,000. 500 at 1,000 rate.

Have an enormous stock on hand, all healthy and clean. Supply a number of the largest cyclamen growers in and around Chicago with seed and seedlings.

VINES AND CLIMBERS.

Ampelopsis, extra strong, $20.00 per 100.
Aristolochia, extra strong, 20c each.
Lonicera, red and yellow, 35c each.
Wistarias, 35c each.
Clematis Jackmanii, blue and white, 25c each.

	Per 100
Lantanas, mixed, 3-in.	$6.00
Lantanas, mixed, 2-in.	4.00
Lantanas, mixed, 5-in.,	25 cents each
Lantanas, trailing, 4-in.	10.00
Lantanas, trailing, extra strong	15.00
English Ivy, 3-in.	10.00
English Ivy, 5-in., extra strong and long	35c to 50c each
Alternanthera, yellow, 2-in.	2.00
Alternanthera, out of boxes	1.00
FUCHSIAS, 3-in.	$5.00
FUCHSIAS, 2¼-inch	$ 3.00
PETUNIAS, double 3-in.	5.00
PETUNIAS, 2½-in.,	2.50
AGERATUMS, 2-inch	2.00
HELIOTROPES, 2¼-inch	2.50
SALVIA, 3-inch	5.00
SALVIA VARIEGATA	3.00
ALYSSUM, double, 2¼-inch	3.00
VINCA, 2-inch	2.50
VINCA, 4-in.	$10.00 to $12.00
ABUTILON SAVITZII, 2¼-inch	4.00
ABUTILON SAVITZII, 3-inch	8.00
CUPHEA, 2-inch	2.00
ASPARAGUS SPRENGERI, 2½-inch	3.00
ASPARAGUS PLUMOSUS, 3-inch	6.00
DRACÆNA INDIVISA, 5-inch	$35.00 to $50.00
COLEUS, mixed, 2-in.	2.00
COLEUS, mixed, 3-in.	4.00
PANSIES, transplanted	1.00
PANSIES, in bloom	2.00
REINECKIA VARIEGATA, 2¼-inch	5.00

ROSES, BABY VARIETIES.

5-inch, in bud....................$3.00, $4.00 and $5.00 doz.

FERNS.

Ferns for Dishes, out of flats, extra strong....................$1.50 100

Smithii, new curly fern:

2¼-inch ....$ 5.00 100

3-inch 10.00 100

ARAUCARIAS, 3 to 4 tiers, 40c; 4 to 5 tiers, 75c.

ASPIDISTRAS, variegated, $1.25 each.

KENTIAS, 75c each up.

ERNEST ROBER Cash Please **WILMETTE, ILL.**

Providence, R. I.

PEONIES PLENTIFUL AND FINE.

The market the past week was influenced greatly by the weather and the outdoor stock. Peonies have become more plentiful, and sweet peas and roses show a surplus. Carnations are getting smaller every day and are not so good as they have been. Roses of all varieties are being cut now in large quantities and are extra good. The peonies are coming in faster than they can find a market. On account of the weather being so bad recently, the season has been late, but are now fine. The trade are having many decorations for weddings this month. One florist having a large stock of palms has had them out every day this week for weddings and graduations. Business is very good and the month of June this year should be a hummer.

Business the past week has been very good; floral work and cut flower sales held up well. Outdoor stock is now coming in good and is having a good sale. Gladioli are extra fine, in fact, never were better. Growers all have fine crops of carnations and roses that are selling at a low price and finding ready sale.

The Florists' and Gardeners' horticultural show to be held this week should be better than ever and will draw a large crowd.

Mrs. A. E. Olsen, of Riverside, R. I., is cutting fine sweet peas now and finds a ready sale for them.

H. A. T.

BEACON, N. Y.—Benjamin Hammond, the veteran insecticide man, has organized a flourishing home garden brigade, consisting of boys and girls of the local schools.

Forcing Roses

STRONG GOING STOCK.

Only a Few More Left of

Hoosier Beauty, Hadley, Milady, Aaron Ward, Killarney, Killarney Brilliant, Prince 'd Arenberg.

Grafted stock, strong 3 and 4-inch.

American Beauty, own root, strong 3½-inch, $10.00 per 100; $95.00 per 1000.

Special prices on application for quick benching.

WRITE US AT ONCE.

VAUGHAN'S SEED STORE

31-33 W. Randolph Street, CHICAGO. 43 Barclay Street, NEW YORK.

Greenhouses, Western Springs, Ill.

Gardenia Veitchii

Fine stock, 4 inch pots,

$ 12.50 per 100;

$100.00 per 1000.

Rose Hill Nurseries

New Rochelle, N. Y.

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Published quarterly. Annual subcription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY

BURNLEY, ENGLAND

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

BALDWIN APPLES at Cleveland O., June 9, brought $6 a barrel.

DANVILLE, N. Y.—The Danville Five and Ten-Cent Nurseries have been incorporated by F. E., W. J., and A. E. Maloney of this city; capital, $10,000.

NORTH YAKIMA, WASH.—The first arrest in this county under the new horticultural law occurred June 5, when James Day, a rancher, was arrested on information of Inspector F. E. De Sellem, charging him with interfering with the cutting of blight in Day's orchard.

NEVADA CITY, CALIF.—The report of Horticultural Commissioner Norton, filed with the board of supervisors shows that over 10,000 fruit trees, mostly Bartlett pears, were planted during the month of March. This brings the spring planting for the county up to nearly 60,000, and the commissioner estimates that the fall planting will be much larger.

NEW ORLEANS, LA. — The Metairie Ridge Nursery company, through its president, Harry Papworth, has asked permission of the police jury to make certain improvements on parish property between the Seventeenth street canal and the company's nursery, facing Metairie Ridge, the plans including the planting of trees, shrubbery, etc., that will serve to beautify the property.

PORTLAND, ORE.—Ten thousand people, 200 floats, 50 marching organizations in brilliant uniforms and 30 bands participated in the fraternal, military and industrial parade held in connection with the annual rose festival. The fiesta was brought to a close June 11 with an electrical pageant, in which 20 floats, showing the floricultural and agricultural greatness of Oregon, passed in review over the city's business streets.

Rains Injure California Fruits.

SACRAMENTO, CALIF. — California's fruit crop this season will be of an average size and below the average in quality, according to a report by the deputy state horticultural commissioner, made public June 7. For this condition unprecedented heavy rains are held to be responsible. Southern California alone escaped the general loss.

American Academy of Arborists.

Recognizing the need of an association for the future development of their profession a number of city foresters, men interested in landscape forestry and others qualified for membership, have organized the American Academy of Arborists. Arborist is the term now being generally accepted to designate men proficient in city and landscape forestry. The association will be conducted on a highly technical and professional basis, its aim being expressed in the constitution as being "to place and maintain the practical arboriculture and landscape forestry of the country on the highest professional basis." There are to be two classes of members. Fellows, who must be over 25 years of age, who are graduates from schools specializing in arboriculture or the arts and sciences closely connected with arboriculture, and honorary members who shall be persons of broadly acknowledged eminence in arboriculture or landscape forestry.

The charter members of the organization are Herman W. Merkel, Chief Forester of the New York Zoological Park; William W. Colton, Forest Commissioner of West Newton, Mass.; Prof. J. W. Toumey, Director of the Yale Forest School; J. J. Levison, arboriculturist of the Brooklyn, New York Park Department; Harold J. Neal, City Forester of Worcester, Mass.; R. B. Maxwell, City Forester, of Baltimore, Md.; George A. Cromie, City Forester of New Haven, Conn.; James H. Walker, City Forester, Newark, N. J.; H. B. Filer, City Forester, Buffalo, N. Y.; and A. T. Hastings, City Forester, Jersey City, N. J.

From these charter members the officers were selected. They are: President, Herman W. Merkel, Secretary, J. J. Levison; Vice-Presidents, William W. Colton and R. B. Maxwell; Directors, James H. Walker, George A. Cromie and Harold J. Neal.

Henry B. Chase.
President American Association of Nurserymen.
Annual Convention Detroit, Mich., June 23-25.

Field Mice as Farm and Orchard Pests.

The ravages of short-tailed field mice in many parts of the United States result in serious losses to orchardists, farmers and those interested in forest conservation. They are commonly known as meadow mice, pine mice and voles, while locally they are called bear mice, buck-tailed mice or black mice.

Farmers' Bulletin No. 670, entitled "Field Mice as Farm and Orchard Pests," published by the United States department of agriculture for general distribution, describes the habits, geographic distribution and methods of destroying meadow mice and pine mice, and discusses the value of protecting their natural enemies among mammals, birds and reptiles. Owls as destroyers of mice are given special mention, and trapping is suggested where the pest are present in small numbers. On large areas, where mice are abundant, poisoning is the quickest means of destruction, and the bulletin recommends several formulae and method of application.

NURSERY STOCK for OUTDOOR PLANTING

Roses, Vines, Clematis, Perennials, Shrubs, Shade Trees.

Send for list—We sell to the Trade only.

Jackson & Perkins Company

NEWARK, NEW YORK

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing

Hill's Evergreens

BEST FOR OVER HALF A CENTURY

Small, medium and large sizes supplied. Price list now ready.

The D. Hill Nursery Co.

Evergreen Specialists — Largest Growers in America

Box 404, DUNDEE, ILL.

Baltimore Nurseries
California Privet

Any quantity, size and age. No better grown. Shade and Ornamental Trees, Shrubs and Vines. Full Line of Fruit Trees and Plants.

GET OUR PRICES AND CATALOGUE.

Franklin Davis Nursery Co.

BALTIMORE, MD.

HEADQUARTERS

California Privet

In any quantity and any size desired. My Privet has more branches than what is usually sent out, and I grade better.

Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,

Well grown and in large supply.

J T. LOVETT, Little Silver, N. J.

PEONIES
AND IRIS

Catalogue now ready.

PETERSON NURSERY

Stock Exchange Bldg.

CHICAGO, ILL.

Our Guarantee—We will replace with three all plants not proving true to description.

Is Your Supply of Effective Cut Flowers Provided?

Lily Flowers are Daily Breadwinners

You make no mistake in ordering from us a weekly or fortnightly supply of the following:

Cold Storage Stock

	No. in case	Per 100	Per 1000
Giganteum, 7- 9 inch,	100	**$6.00**	. . .
Giganteum, 7- 9 inch,	300	. . .	**$53.00**
Giganteum, 8-10 inch,	225	. . .	**75.00**
Giganteum, 9-10 inch,	200	. . .	**90.00**
Valley, (best grade)		. . .	**16.00**
Gladiolus, Mrs. Francis King, 1st.		. . .	**9.00**

Also a few cases extra LILIUM FORMOSUM, 8 to 10-inch, for immediate planting.

Vaughan's Seed Store
CHICAGO NEW YORK

500,000 Pot Plants

of late Propagation and Planting.

In A No. 1 condition ready for market. Orders shipped promptly. Liberal Extras.

Size of pots.	Per 100	1000
2¼ in. **Althernantheras,** red and yel..	$2.25	$20.00
2¼ in. **Ageratums,** white, light and dark blue	2.25	20 00
2½ in. **Asp. Plumosus** or **Hatcheri**	3.00	25.00
4 in. **Asp. Plumosus** or **Hatcheri**	7.50	70 00
2½ in. **Asp. Sprengeri,** large plants	2.50	22.50
4 in. **Asp. Sprengeri,** large plants	6.50	60.00
3 and 3½ in. **Cannas,** King Humbert...	5.00	45.00
3 and 3½ in. **Cannas,** Brandywine, Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in. **Centaurea,** Dusty Miller.	2.25	20.00
2½ in. **Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed..	2.50	22.50
2½ in. **Cupheas,** Cigar Plants	2.25	20.00
Dracaena Indivisa, 4, 5 in., $10.00, and $20.00 per 100.		
2¼ in. **Fuchsias,** dbl. and sgl., 12 vars.,	2.75	25.00
4 in. **Fuchsias,** dbl. and sgl., 12 vars..	7.50	70.00
2¼ in. **Geraniums,** Nutt, Ricard, Poitevine Buchner, etc	2.25	20.00
3½ and 4 in. **Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc	7.00	65.00
2¼ in. **Heliotropes,** white, light and dark blue	2.75	25.00
4 in. **Heliotropes,** white, light and dark blue	7.50	70.00
2¼ in. **Petunias,** sgl., mixed vars	2.50	22.50
3½ in. **Petunias,** dbl., 15 vars., mixed..	6.50	60.00
2½ in. **Salvias,** Bonfire and Splendens.	2.50	22.50
3 in. **Salvias,** Bonfire and Splendens.	5.00	45.00
2½ in. **Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00

—Correspondence solicited.—

ALONZO J. BRYAN
Wholesale Florist
WASHINGTON, - NEW JERSEY

Norwood Horticultural Society.

The second spring flower and vegetable show of the Norwood Horticultural Society was held in the Auditorium, Norwood, Pa., June 5 and proved a decidedly successful event in point of attendance, variety and beauty of the exhibits. Several hundred persons, including many out-of-town visitors, attended the show and were profuse in their praise of the exhibition. Among the successful contestants were Miss June Loughlin, who captured the Henry F. Michell Co. special medal for the exhibit having the largest number of prize winning entries; Dr. John A. Barneman, Robert Lewis, Reuben Bonsall and H. H. Dempster.

A Few Good Things You Want.

Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

If you are short of Blooming Plants, such as

Azaleas, Lorraine, Cincinnati, Cyclamen, Poinsettias, Primroses,

Wire your order to

GEO. A. KUHL, WHOLESALE GROWER.
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Robert Craig Co...
High Class PALMS
and Novelties in Decorative Plants.
Market and 49th Sts., Philadelphia, Pa.

Mention the American Florist when writing

The Chrysanthemum Manual

By Elmer D. Smith.

NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,
440 S. Dearborn St., CHICAGO.

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.
$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

2½-in. Rose Plants

GOOD STOCK

Pink Killarney, White Killarney and Richmond at $3.00 per 100; $25.00 per 1000.

GEORGE REINBERG,
162 N. Wabash Ave., Chicago.

JOSEPH HEACOCK COMPANY'S
PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00
6-in. pot	5 to 6	34 to 36	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread	$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
4-in. pot	5 to 6	15	$0.40	4.50
6-in. pot	6 to 7	24	1.00	12.00
6-in. pot	6 to 7	28 to 36	1.50	18.00

	Leaves	In. high	Each	Per doz
9-in. cedar tub	6 to 7	42 to 45	$4.00	$48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

Cibotium Schiedei

	Each
9-in. tub, 5 ft. spread	each, $5.00

HOME GROWN, WELL ESTABLISHED, STRONG AND HEALTHY.

JOSEPH HEACOCK CO., Railway Station, Jenkintown. Wyncote, Pa.

Westchester and Fairfield Hort. Society.

There was an excellent attendance at the monthly meeting of the society, which was held at Greenwich, Conn., June 11, President Sealey in the chair. Two new names were added to the membership list, and several proposals for membership were received and filed. The summer show committee reported everything in readiness for the exhibition to be held in Town hall, Greenwich, June 18-19. The fall show committee also reported progress and announce the preliminary schedule is now ready for distribution. Eleven classes are provided for and prizes of cash, silver cups, medals, cut glass and silverware are offered. This exhibition will be held in the Armory, Stamford, Conn., November 2-3. The outing committee announced the date of the annual outing as August 11, at Edward's Rye Beach Inn.

There was a grand display on the tables for which the exhibitors deserve great credit. The judges' awards were as follows:

Dehn & Bertolf, Greenwich, Conn., display of flowering shrubs and perennials, honorable mention; specimen gloxinia plant from James Linane, very highly commended; vase of peonies from James Foster, honorable mention; spinach exhibited by Joseph Tierman, vote of thanks; specimen Calceolaria Stewartii from James Stuart, cultural certificate; vase of assorted Spencer sweet peas from Thos. Ryan, vote of thanks; vases of 12 varieties Spencer sweet peas from Robt. Grunnert, very highly commended; vase of Killarney roses from Wm. Whittin, cultural certificate; calceolaria exhibit of P. W. Popp, cultural certificate.

Joseph Manda, South Orange, N. J., and Mr. Walkins, representing Burnett Bros., seedsmen, New York, were visitors and each in turn complimented the members of the society for the splendid showing made. The next meeting is scheduled for July 9.

P. W. POPP, Cor. Sec'y.

Toledo.

CONVENTION AND SOCIAL EVENTS HELP.

Local florists are pleased the way business has been booming since Memorial day, which is generally followed by a lull. Two large conventions during the past week have aided materially as many flowers were used by the visitors for corsages and decorations for the dances which were held. Many weddings and other social occasions with a great amount of funeral work has kept things moving in a lively manner. The market is in good condition to take care of this demand. Peonies are on the market in great quantities with prices very reasonable. Carnations are still of fair quality, while roses of all kinds are in fine shape. Candytuft, sweet peas, daisies, gladioli and other seasonable stock give the retailer a splendid choice.

FLORISTS DISCUSS BOILER LEGISLATION.

The June meeting of the Toledo Florists' Club, held at the flower shop of S. N. Peck on Superior street, was very well attended and was one of the most spirited and interesting as well as instructive meetings that this organization has held in a long time. The special subject under discussion the greater part of the evening was the recent trouble florists and other growers had when the local firemen's union tried to enforce the state ruling that where a boiler developed over thirty horse power it must be operated by a licensed man. It was decided at the meeting to co-operate in every way possible with the Boiler Manufacturers' Association, which has expressed its willingness to work with the florists. One beneficent result of all these troubles has been that the absolute necessity of organization was forced home upon many florists who had previously been very lukewarm. Another very gratifying feature was the manner in which the large growers co-operated with the small ones. One of the largest growers here even went so far as to make a special trip to the state capitol at his own expense to fight this legislation.

The picnic was also discussed at this meeting and final plans for this annual event will be made at the next meeting, which will be held at Krueger Bros.

NOTES.

Tom Magee, the genial manager of the Scottwood Greenhouse, is able to be about again, having almost entirely recovered from the accident in which he strained the tendons in his leg. Tom says business with him has been flourishing and that he has no kick coming.

Imoberstag & Sons, of Western avenue, report a splendid spring's business on all sorts of bedding stock.

A. K.

THE BOOK OF GLADIOLUS

THE first authoritative book on this bulb ever printed in America, or possibly the world, issued April 1, 1911. This 120-page book, written by Matthew Crawford and Dr. Van Fleet, contains many chapters covering all sides of growing, propagating, storing, etc., and also some pages of valuable cultural notes gathered from reliable sources. A necessity for both amateur and grower. The book is bound in cloth and fully illustrated.

PRICE, POSTPAID, $1.25

AMERICAN FLORIST CO.
440 So. Dearborn St.
CHICAGO.

Ready Reference Section.

10 CENTS PER LINE, NET.

ALTERNANTHERAS.

Alternantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS
Out of 2¼-in. pots,
$3.00 per 100; $25.00 per 1,000.
ASPARAGUS SPRENGERI
Out of 3-in. pots,
$5.00 per 100; $45.00 per 1,000.
The above prices are for
CLEAN, HEALTHY, WELL ESTABLISHED PLANTS.
PITTSBURGH CUT FLOWER CO.,
116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS, extra fine 3-in., $4 per 100. SPRENGERI, extra fine, 3-in., $3.50 per 100. All heavy stock. Cash, please. J. W. MILLER, Shiremanstown, Pa.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, $12.50 per 100; 2-inch, $3; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, $2.50 per 100; $20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus, 3-inch, nice bushy plants, $5 per 100. Cash please. Edgar Easterday, Nokomis, Ill.

Asparagus Sprengeri, 5 and 6-inch pots, 25c and 35c each. George Bischoff, Ann Arbor, Mich.

ASPARAGUS PLUMOSUS.
Seedlings, 90c per 100; 2½-in., $3; 3-in., $5.
I. L. PILLSBURY, Galesburg, Ill.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus plumosus, 2-in. pots, $2 per 100; Sprengeri, $2 per 100; $17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

ASTERS.

ASTERS. Vick's finest cut flower varieties, from Vick's seed, assorted kinds, 2¼-inch pots, $1.50 per 100; $12.50 per 1,000. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

ASTERS: Astermum, Royal, Crego and Late Branching, transplanted, $3 per 1,000; 2-in., $1.25 per 100. Harry L. Doege, Glen Ellyn, Ill.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Bedding stock: Fuchsias, alyssum, swainsona, achryanthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Bedding plants: Alternantheras, ageratum, asparagus, cannas, centaureas, coleus, cupheas, dracaenas, fuchsias, geraniums, heliotropes, pansies, petunias, salvias, verbenas. Alonza J. Bryan, Washington, New Jersey.

Bedding plants: Coleus, Golden Bedder, Yellow Pfitzer, 2-in., $2.50 per 100; 3-in., $5; assorted 2-in., $2 per 100; 3-in., $4. Santolinas, 2½-in., $2.50 per 100. Alyssum, 2-in., $2 per 100. Geraniums, pink, red and white, 3-in., $5 per 100; 4-in., $10. Fuchsias, assorted, 4-in., $1 per doz. ivies, 5-in., $15 per 100; 4-in., $12; 2½-in., $3. Petunias, single, 2-in., $2.50 per 100; 3-in., $5; 4-in., $8; double, 4-in., $1 per doz.; $8 per 100. Vincas, 3-in., $6 per 100; 4-in., $12 and $15. Cobæa Scandens, 4-in., $1 per doz., $8 per 100. Begonia Vernon, 3-in., $5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Bedding plants: Alternantheras, red and yellow and Brilliantissima, alyssum, ageratum, begonias, Cobaea scandens, coleus, caladiums, dusty miller, Dracæna indivisa, rose geraniums, Mme. Salleroi, English ivy, lobelias, Marigold, pansies, primulas, phlox Drummondi, petunias, Salvias, Bonfire and Zurich; smilax, Torenia Fourneri, Vinca rosea and alba, variegated; verbenas wandering Jew. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

BEGONIAS.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Glory of Cincinnati, $18 per 100; $150 per 1,000. J. A. Peterson & Sons, Cincinnati, Ohio.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOXWOODS—PYRAMIDS, broad, heavy, uniform specimens: 2 ft., $2.25 each; 2½ ft., $2.75 ea.; 3 ft., $3.25 ea.; 4 ft., $4.50 ea.; price includes tubs, f. o. b. Dundee. BUSH SHAPE—heavy, 12-in. balled, 35c ea.; 14-in., balled, 40c ea.; 16-in., balled, 45c. ea. THE D. HILL NURSERY CO., Inc., Box 404, Dundee, Illinois.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

Boxwood bushes 18 to 24 ins., 75c each; in tubs, $1 each; 10 to 12 ins., bushes, 30c each. Ernest Rober, Wilmette, Ill.

BULBS.

Freesias. California grown, mammoth ⅝-in. and up, $1 per 100; $8 per 1,000; choice ½ to ¾-in., 65c per 100; $5 per 1,000; 1st quality, ⅜ to ½-in., 45c per 100; $3 per 1,000. Vaughan's Improved Purity, ⅝-in. up, $2.25 per 100; $18 per 1,000; ½ to ¾-in., $1.75 per 100; $15 per 1,000; ⅜ to ½-in., $1.50 per 100; $12 per 1,000. Purity, true, ⅝-in. and up, $2 per 100; $18 per 1,000; ⅝ to ¾-in., $1.75 per 100; $15 per 1,000; ⅜ to ½-in., $1.50 per 100; $12 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, lilies, cold storage, giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9 inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000; King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, 100 Louisiana, 100 A. Bouvier, 200 Crimson Bedder, 100 J. W. Elliott, 250 Allemania, 100 Pres. Cleveland, 100 L. Patry, 200 J. D. Eisele, 250 D. Harum, 100 New York, 400 Pres. McKinley, 100 Duke of Marlboro, 200 Chicago, 150 Chas. Henderson, 150 J. D. Eisele, 250 good red. Fine stock from 3-inch pots, $4 per 100. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc, Improved, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

CANNAS, good varieties, strong plants in 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

WE ARE ENTERING ORDERS FOR
FIELD-GROWN CARNATION PLANTS,
FOR LATER DELIVERY.
WILL MAKE EXCEPTIONALLY LOW
PRICES ON ORDERS PLACED NOW.
PRICES WILL BE SENT UPON
RECEIPT OF YOUR INQUIRY.
CAN SUPPLY THE BEST
COMMERCIAL VARIETIES.
PITTSBURGH CUT FLOWER CO., GROWERS,
121 7th St., Pittsburgh, Pa.

Hardy Carnations, best double mixed; fine thrifty plants; quality plants, $2 per 100. Cash please. George Popp, Jr., Fort Recovery, Ohio.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

Chrysanthemums, from 2¼-inch pots: Smith's Ideal and Oconto, $6 per 100. Chieftain, Mary E. Meyer, Chadwick, Improved, Harvard, W. H. Chadwick, $4 per 100. Chrysolora, C. Touset, Donatello, Arlette Dubois, October Frost, Pacific Supreme, Smith's Advance, Yellow Frost, Col. D. Appleton, Bonnaffon, $3 per 100. Pompons: Golden Climax, Golden Harvest, Golden West, $4 per 100; Clorinda, Iva, La Purite, Lillian Doty, Minta, Nio, Quinola, $3 per 100. Anemones: Azelda, $6 per 100; Garza, $3 per 100. Singles: Josephine, Ladysmith, Little Barbee, Mensa, Mrs. Wm. Buckingham, Rob Roy, $3 per 100. Elmer D. Smith & Co., Adrian, Mich.

FROM OUT-DOOR STOCK PLANTS.
$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

FROM OUT-DOOR STOCK PLANTS.
ROOTED CUTTINGS ONLY—Immediate delivery—October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Bonnaffon, yellow	2.00
Chas. Razer, white	2.00
Dr. Enguehard, pink	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

CUT BACK PLANTS.

Well established in soil. Fine stock. Order early.

	Per 100
Salomon Gold	$4.00
Chrysolora	2.00
Ramapo	2.00
Robt. Halliday	2.00
Col. D. Appleton	2.00
Nagoya	2.00
Bonnaffon	2.00
Mrs. Chas. Razer	2.00
Lynwood Hall	2.00
Chieftain	3.00
Enguehard	2.00
Intensity	2.00
Touset	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Aglol, variegated	2.00
H. Hicks, brown	2.00

CUT BACK POMPONS.

Diana	$2.00
Mensa	2.00
Quinola	2.00
Baby	2.00
Pretoria	2.00
Agloi	2.00
Tiber	2.00
H. Hicks	2.00
Golden Climax	2.00
Overbrook	2.00
Mrs. Astor	2.00
Excelsior	2.00
Sabey	2.00
Zenobia	2.00
Mrs. Cubit	2.00
Mary Richardson	2.00
E. D. Godfrey	2.00
Emile	2.00
Ladysmith	2.00

WIETOR BROS.,
162 N. Wabash Avenue. Chicago, Ill.

NOW READY—CHRYSANTHEMUMS.

From 2½-inch pots, nice, clean stock; limited supply.

Chas. Razer, Mlle. Dubois,
C. Touset, Armorita,
Yellow Touset, Nagoya.
Golden Glow.

Any of the above, $2 per 100, or $15 per 1,000.

Chieftain, Yellow Eaton,
Alice Salomon. White Eaton,
Golden Salomon.
$2.50 per 100; $20 per 1,000.

J. A. BUDLONG,
82 E. Randolph St. Chicago, Ill.

Chrysanthemums, rooted cuttings, out of soil or sand, also cut back plants; good stock: Nagoya, Yellow Bonnaffon, Dr. Enguehard, Robt. Halliday, Smith's Advance, White and Golden Chadwick, $1.25 per 100. Pompons: Mrs. F. Beu, Diana, Pretoria, Zenobia, Emile, Yellow Baby, $1.25 per 100; $11 per 1000. Cash please. JAMES PSENICKA, Gross Point, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Extra strong, well grown 2½-in. stock.

Unaka, early pink	$3.00 per 100
Lady Harriett, early pink	4.00 per 100
W. R. Brooke, late pink	3.00 per 100
Maud Dean, late pink	3.00 per 100
Patty, late pink	3.00 per 100
Pink Frick, late pink	3.00 per 100
Smith's Advance, early white	3.00 per 100
Polly Rose, early white	3.00 per 100
Early Snow, early white	3.00 per 100
Chas. Razer, midseason white	3.00 per 100
White Bonnaffon, midseason white	3.00 per 100
White Chadwick, late white	3.00 per 100
December Gem, late white	3.00 per 100
White Frick, late white	3.00 per 100
Comoleta, early yellow	3.00 per 100
Col. Appleton, midseason yellow	3.00 per 100
Ramapo, midseason yellow	4.00 per 100
Roman Gold, late yellow	4.00 per 100
Major Bonnaffon, late yellow	3.00 per 100

Also White Ivory, midseason; Wm. Duckham, midseason pink; Chrysolora, early yellow; Golden Wedding, late yellow.

POMPONS AND SINGLES.

The best varieties for commercial use.
Out 2½-in. pots, $3.00 per 100.
Baby, yellow, late;
Zenobia, yellow, early;
Irene Cragg, early white;
Marie Massé, early pink;
White Quintus, early white;
H. M. Smith, midseason pink;
Diana, white, midseason white;
Golden Star, late yellow;
Clorinda, late brown;
Newberry, late white.
Klondyke, yellow;
Mrs. F. Beu, bronze;
Garza, white;
L. Dondo, pink;
Mary Richardson, bronze;
John Gossweiler, bronze;

ROOTED CUTTINGS OUT OF SAND.

Lady Harriet, early pink; White Ivory, midseason, $10 per 1000.

PITTSBURGH CUT FLOWER CO.,
116-118 7th St., Pittsburgh, Pa.

CHRYSANTHEMUMS ROOTED CUTTINGS.
For Immediate Delivery.

WHITE	Per 100	Per 1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	$2.00	$15.00
Ramapo	2.00	15.00
Golden Salomon	3.50	30.00
PINK.		
Amorita	$2.00	$15.00
McNiece	2.50	20.00
Chieftain	3.50	30.00

CHRYSANTHEMUMS FROM 2½-IN. POTS.

	Per 100	Per 1000
Smith's Advance	$2.50	$20.00
October Frost	2.50	20.00
Lynwood Hall	2.50	20.00

All first-class guaranteed stock.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2½-inch pots, $3 per 100; $25 per 1000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COLEUS.

COLEUS, Golden Bedder, Firebrand and other best bedding sorts, $1.50 per 100; $12.50 per 1,000; strong 2-inch pot plants, not tall or leggy. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

COLEUS, good assortment, 2½-inch pots, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

CROTONS.

Crotons, 3-in., 25c each; 4-in., 50c; 5-in., 50c to 75c. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

SEEDLINGS.

SEEDLINGS, transplanted, all Wandsbek type, finest in existence, including Glory of Wandsbek and Rose of Wandsbek, 10 separate varieties equally divided, $25 per 1,000; $3 per 100. IMPROVED GLORY OF WANDSBEK, dark and light; better grower than any salmon and larger flowers, $5 per 100; $40 per 1,000. GLORY OF WANDSBEK and ROSE OF WANDSBEK, separate, $4 per 100; $35 per 1,000. Seedlings not transplanted, 10 varieties equally divided, $20 per 1,000; $2.50 per 100; 500 at 1,000 rate. Have immense stock on hand. All healthy and clean. I supply a number of the largest cyclamen growers in and around Chicago with Seed and Seedlings. Cash with order, please. ERNEST ROBER, Wilmette, Ill.

CYCLAMEN.

Best strain of colors. Xmas Red, Wonder of Wandsbek (best salmon), Rose of Marienthal, Glowing Dark Red, White with Red Eye, Pure White. Strong plants out of 2¼-in. pots, $5 per 100 or $40 per 1,000. Satisfaction guaranteed. Cash with order, please.

J. H. FIESSER,
709-741 Hamilton Ave., North Bergen, N. J.

Cyclamen, pure white, white with red eye, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, dark red, Rosy Morn, brilliant red and bright red, 3-in., $8 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen, large flowering, twice transplanted, shipped in paper pots, 3-inch, extra strong, $10 per 100; 3-inch, strong, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

CYCLAMEN, nice 2½-in. large flowering; separate colors, including salmon pink, 5c. Harry L. Doege, Glen Ellyn, Ill.

Cyclamen giganteum, 3-inch pots, $10 per 100. J. A. Peterson & Sons, Cincinnati, Ohio.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracæna indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACÆNAS, good large bushy plants, 5 and 6-inch pots, $25 per 100. ELI CROSS, Grand Rapids, Mich.

Dracæna Indivisa, pot-grown, 3-in., $5 per 100. Cash. Harry Heinl, West Toledo, O.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

Dracæna Massangeana, 5, 6 and 7-inch pots. Julius Roehrs Co., Rutherford, N. J.

EVERGREENS.

WHITE PINES.

Magnificent specimens, several times transplanted; 10-12 ft., $9 each; 12-15 ft., $11.50 each; 15-18 ft., $15 each. All balled and burlapped. Strictly nursery grown.

D. HILL NURSERY CO., INC.,
Evergreen Specialists.
Box 404. DUNDEE, ILL.

FERNS.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Boston ferns, 4-inch, $10 per 100; 5-in., $20 per 100; 6-in., $40 per 100. Cash please. Edgar Easterday, Nokomis, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

FERNS.

100,000 good strong 2-in. FERNS: Boston, $3.50 per 100; $30 per 1,000. Springfieldii, 2½-in., $4 per 100; $35 per 1,000. Boston, Roosevelt, Springfieldii and Whitmani, 3-in., $8 per 100. Boston, 4-in., $1.50 per doz., $12 per per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.
THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers
SPRINGFIELD, OHIO.

Ferns, Boston, 30 inches high, $1. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Boston ferns, 6-inch, 40c in pot. H. W. Allersma, Grand Rapids, Mich.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

Ferns. Julius Roehrs Co., Rutherford, N. J.

GARDENIAS.

GARDENIA VEITCHII—Fine stock, 4-inch pots, $12.50 per 100; $100 per 1,000.
ROSE HILL NURSERIES, New Rochelle, N. Y.

GERANIUMS.

GERANIUMS, S. A. Nutt, Mrs. Buchner, Gen. Grant, R. C., $8 per 1000; $1 per 100. S. A. Nutt, 2-in., $1.80 per 100. Mme. Salleroi, 2-in., $1.50 per 100. Harry L. Doege, Glen Ellyn, Ill.

25,000 S. A. NUTT strong cuttings, well rooted, $1 per 100; $9 per 1,000. STOCK PLANTS, $5 per 100. Cash. THE W. T. BUCKLEY CO., Springfield, Ill.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and other varieties, 4-inch, $8 per 100. M. C. Gunterberg, 158 N. Wabash Ave., Chicago.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Geranium S. A. Nutt, 4-inch, in bloom, 8c cash. H. W. Allersma, Grand Rapids, Mich.

GLADIOLUS.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag. Perpetuated moss, $3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag; perpetuated moss, $3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

HYDRANGEAS, Otaksa in bloom, from 25c to $3 each. Small plants, 3-inch pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

ENGLISH IVY, 20 to 30 ins. $3; from pots, 12 to 15 ins., $4 per 100. CHAS. FROST, Kenilworth, N. J.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $8:50 for 500; $4.50 for 250; $2 per 100. Florists' Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

Fuchsias, 2¼-in., $3 per 100. Petunias, dbl. mixed, $3 per 100. Ageratum, 2-in., $2.50 per 100. Heliotrope, 2¼-in., $2.50 per 100. Salvias, 3-in., $5 per 100. Salvia tricolor, $3 per 100. Salvia variegata, $3 per 100. Alyssum, dbl., 2¼-in., $3 per 100. Vinca, 2-in., $2.50; 4-in., $12 per 100. Abutilon Savitzii, 2-in., $3; 2¼-in., $4; 3-in., $8 per 100. Cuphea, 2-in., $2 per 100. Asparagus Sprengeri, 2½-in., $3 per 100. Plumosus, 3-in., $6 per 100. Dracaena Indivisa, 5-in., $50 per 100. Pansies, transplanted, $1 per 100; in bloom, $2 per 100. Ernest Rober, Wilmette, Ill.

UMBRELLA plants, strong 3 to 5-inch pots, $10 to $25 per 100. HENRY SMITH, Grand Rapids, Mich.

WATER HYACINTHS, 50c per doz.; about to bloom. MEURER BROS., 5019 Virginia Ave., St. Louis, Mo.

German iris, Charles Dickens, Hector, Honorabilis, King of Iris, Mme. Chereau, Mars, Walhalla, etc. Write for special prices for liberal divisions. Vaughan's Seed Store, Chicago and New York.

500 2-year, 5-inch SINGLE and DOUBLE HIBISCUS, $3 per doz. Strong. MEURER BROS., 5019 Virginia Ave., St. Louis, Mo.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PANDANUS.

Pandanus Veitchii, 6-in., $1.25 to $1.50 each; 7-in., $2 to $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

Pandanus Veitchii, 6-in., 7-in. and 8-in. pots. Julius Roehrs Co., Rutherford, N. J.

PALMS.

KENTIA BELMOREANA.
Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30	1.50
6-inch pots,	6 to 7,	32 to 34	2.00
7-inch pots,	6 to 7,	40 to 42	3.00
8-inch tubs,	6 to 7,	40	8.50
8-inch tubs,	6 to 7,	42 to 44	4.00
8-inch tubs,	6 to 7,	45 to 48	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20	$ 0.35
6-inch pots,	5 to 6,	28 to 30	1.00
8-inch tubs,	6 to 7,	46 to 48	3.50
8-inch tubs,	6 to 7,	50 to 54	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-Up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28	$ 1.50
7-inch pots, 3 plants in a pot,	36 to 38	2.50
7-inch tubs, 4 plants in a tub,	38 to 40	3.00
8-inch tubs, 4 plants in a tub,	38 to 44	3.50
8-inch tubs, 3 plants in a tub,	48 to 54	5.00
8-inch tubs, 4 plants in a tub,	52 to 56	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PALMS.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PALMS FROM SEED PANS.

	Per 100	Per 500
Washingtonia Filifera	$1.00	$ 4.00
Washingtonia Robusta	4.00	15.00
Chamerops Excelsa	1.00	4.00

C. S. TAIT, BRUNSWICK, GA.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work, 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

POINSETTIAS.

POINSETTIAS, DORMANT STOCK.

1-year, small	$4.00 per 100
1-year, medium	6.00 per 100
1-year, strong	8.00 per 100
1-year, extra strong	10.00 per 100

Cash Please.

My output of small poinsettias, 2½-in. top cuttings, is the largest in the country. Orders booked in advance for June or later delivery.
ERNEST ROBER, WILMETTE, ILL.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

GRAFTED PLANTS.
BULGARIA, 4-INCH, PER 100, $8.00. EXCEPTIONALLY FINE PLANTS FOR EITHER GROWING IN THE GREENHOUSES OR PLANTING IN THE GARDEN, FOR THEY ARE SO LARGE THAT THEY ARE ALMOST READY TO BLOOM.

BENCH PLANTS.
600 bench plants of Prince de Arenberg, one-year-old, own root, now ready to sell. Price $5.00 per 100. Answer quick.
BASSETT & WASHBURN,
131 N. Wabash Ave., Chicago. Greenhouses: Hinsdale, Ill.

ROSE PLANTS.
Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	7.00	60.00
Milady, 2-inch	5.00	

WIETOR BROS.,
162 North Wabash Ave., CHICAGO.

OWN ROOT ROSE PLANTS.

	100	1,000
White Killarney, 3-inch	$7.00	$60.00
Richmond, 2½-inch	6.00	50.00

BENCH PLANTS.
Pink and White Killarney, one, two and three years old, $50 per 1,000.
A. T. PYFER & CO.
30 East Randolph St., Chicago, Ill.

2½-INCH ROSE PLANTS. GOOD STOCK.

	Per 100	Per 1000
Pink Killarney	$3.00	$25.00
White Killarney	3.00	25.00
Richmond	3.00	25.00

GEORGE REINBERG,
162 North Wabash Ave., Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

ROSES.

Roses, 2,500 fine plants of the best bedding sorts grown for the catalogue trade. Stock kept dormant last winter, and is in splendid shape for out-door blooming; assorted kinds, our selection, 3-inch pots, $5 per 100; 3½-inch pots, $6 per 100 to close. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

Forcing roses, strong going stock. Hoosier Beauty, Hadley, Milday, Aaron Ward, Killarney, Killarney Brilliant, Prince de Arenberg, grafted stock, strong 3 and 4-inch. American Beauty, own root, 3½-inch, $10 per 100; $95 per 1,000. Vaughan's Seed Store, Chicago and New York.

ROSES, 2½-inch for Immediate Shipment.

	Per 100	Per 1,000
American Beauty	$5.00	$40.00
Sunburst, own root.....	6.00	50.00

J. A. BUDLONG,
82 E. Randolph St. Chicago, Ill.

Surplus stock of Mrs. Shawyer, White Killarney, Maryland and Richmond, 2¼-in., $30 per 1000. L. B. Coddington, Murray Hill, N. J.

ROSE PLANTS, Kaiserins, My Maryland and other varieties, 3-inch pots, $6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

Last call on Salvia Zurich, 3-inch, 4c; 2-in., 2c. Large coleus, 2c. 1,000 3-inch geraniums, mixed, 4c. These are bargains. Simanton & Pense, E. 14th St., Falls City, Neb.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

SALVIA, 2-inch, $1.50 per 100. Harry L. Doege, Glen Ellyn, Ill.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

SEEDS.

SEEDS.

Amaryllis Hippeastrum, hand hybridized from very choice flowers, per 1000, $7.50. Larger lots a matter of correspondence.
C. S. TAIT, BRUNSWICK, GA.

Seeds, growers of choice varieties of peas and beans. John H. Allan Seed Co., Sheboygan, Wis.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Pansy seed, giant flowering, oz., $4. Jos. H. Cunningham, Delaware, Ohio.

SMILAX.

SMILAX PLANTS, 2-inch pots, $2 per 100. HENRY SMITH, Grand Rapids, Mich.

STOCKS.

STOCKS in bud and bloom, 2½-in., $2.50 per 100. Harry L. Doege, Glen Ellyn, Ill.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

TOMATO PLANTS, transplanted stocky plants, Chalk's Early Jewel, Bonny Best, Atlantic Prize, Earliana and Stone at 50c per 100; $4.50 per 1,000; in lots of 5,000 or more, at $4 per 1,000. Cash with order. West Hill Greenhouses, Wm. Schwan & Son, Fredonia, N. Y.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready now, $2 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express 75c per 500; $1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VINCAS.

Sold out of 3-inch variegated Vincas. Still have large stock of fall struck cuttings at $1 per 100; $9 per 1,000. Small 2-in. at $1.75 per 100; $15 per 1,000. I. N. Kramer & Son, Cedar Rapids, Iowa.

Vincas, Var., 4-inch, good plants, $10, seconds, $8 per 100; 5-in. extra, $16 per 100; 2½-in., $2.50 per 100. Cash with order. George Bischoff, Ann Arbor, Mich.

VINCA VINES, 4-inch, strong, $12.50 per 100; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 4-inch, strong, 10 to 15 leads, 12 to 18 inches long, $10 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Variegata, 2½-inch, $3; 3-inch, $6; 4-in., $12 per 100. A. Henderson & Co., 369 River St., Chicago.

2000 choice 2¼-inch Vinca Variegata, $2.50 per 100, $25 per 1,000. W. A. Mitchell & Co., St. Joseph, Mo.

VINCA VINES, green and variegated, good strong vines, 3 and 4-inch pots, $8 per 100. ELI CROSS Grand Rapids, Mich.

Vinca, variegated, 4-in., 7½c, well rooted cuttings, transplanted into soil, $1 per 100. Harry L. Doege, Glen Ellyn, Ill.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.
MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinanti, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphis, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co. Box 15, Dixon, Ill.

Fertilizers, bone meal, sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Pipe, 2c per foot. H. W. Boilers, 650 ft. size, $49. Fittings, 2c. Valves, 38c. Cocks, 15c. Set pipe tools, $2.75. W. E. King Co., 115 W. Third St., Cincinnati, O.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Peirce paper flower pots, a waterproof paper pot which does not fold up or come apart. E. Allan Peirce, 400 Oaks St., Waltham, Mass.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

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EVERYTHING FOR THE GREENHOUSE

Kansas City.

HEAVY RECEIPTS BUT DEMAND GOOD.

Weddings and graduations for the past week have kept the florists busy. The weather being so warm made it a little hard to deliver bouquets much before the time they were to be used. American Beauties and Richmond were the leaders as most schools required red for color. Stock came on the market exceptionally heavy, but the trade demanded it, and it was quickly disposed of. Gladioli are coming in very much better, with lilies crowding the market, and the wholesale houses are getting some extra fine Mrs. Russell roses with fine large buds and long stems. The greenhouses are still doing a good business in bedding plants and porch boxes.

NOTES.

The local florists' club held its meeting June 7 at the Kellogg Flower & Plant Co.'s store. The attendance was very good, making it a very interesting meeting. Regular business was attended to, after which the annual picnic was brought before the club, which will be held at Holsinger Bros.' grove.

Arthur Newell reports business good with a run on corsages and bou-

HOW ABOUT your condensation problem? Does sluggish circulation make the temperature hard to control? Then it's time to investigate the

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quets for commencements. American Beauties were the leader. Mr. Newell's daughter, Miss Marian Newell, after whom the chrysanthemum, Marian Newell, was named, was a graduate from Westport high school. Walter Newell, a son of Mr. Newell, is home from the Missouri University for the summer. He is one of the star athletes at the school.

W. J. Barnes had a very good week, being busy with wedding decorations. The different schools keep him busy making commencement and corsage bouquets. Funeral work has been very good. Mr. Barnes has some exceptionally good blue hydranges which are selling fast.

T. J. Noll & Co. report a good business, especially in good American Beauties and Richmond roses which were taken up by the trade as fast as they were received. Pink and White Killarney sold well. They have been receiving some good gladioli.

The Rosery had a very busy week, especially in corsage bouquets for different occasions. This shop had its share of the commencement trade; also plenty of funeral and decorative work. Mr. Ellsworth has his chrysanthemums planted.

W. L. Rock Flower Co. reports a good business, especially in funeral and commencement work. They have a very pretty window representing the old mill and stream, with plenty of good decorative plants to carry out the effect.

A. Mohr is completing his new greenhouses on Broadway. The one house being finished is 21 by 100 feet and is being planted in chrysanthemums. His work shed is 20x50, with a concrete cellar 20x50x7 feet high.

Henry Kusick & Co. reports stock coming in better, both in quantity and quality. They have received their first shipment of new ferns. The shipping trade was better than usual, with the city trade exceptionally good.

The Geo. M. Kellogg Flower and Plant Co. was kept busy handling their stock from the greenhouses at Pleasant Hill. They had a good out of town business as well as city trade.

Peterson Floral Co. says business is holding its own for this time of the year. They did not go into the bedding and porch box business this year.

Samuel Murray was very busy the past week, having a good run on funeral and commencement bouquets.

Stevens and Larkin are sending in some exceptionally good carnations.

E. J. B.

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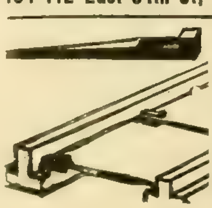

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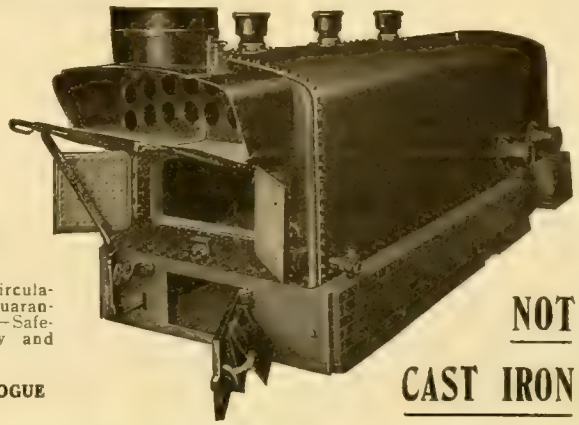

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Ft. Wayne, Ind.

TRADE SURPRISINGLY GOOD.

Business during the last of May and first part of June has been surprisingly good. The weather has featured largely in both the growing and selling end, as it has lengthened the bedding season weeks longer, and the cool temperature has also kept up the quality of the cut flowers and created a larger demand on account of the scarcity of out-of-door stock. Memorial day brought forth a splendid holiday trade for the florists with no drawback except the shortage of stock. The weather was cool and clear on Sunday and Monday, and the business was spread out over three days, so that the rush did not come all at once. The majority of florists report business better this year than Memorial day, 1914. Prices were good. The market at present is very brisk on account of the number of weddings, graduations and a goodly amount of funeral work. Some fine America gladioli, peonies and Spanish iris are on the market. Sweet peas of the new crops are fine and yellow daisies are good. The greenhouses are still busy with bedding stock. Window and porch boxes are very popular this year.

NOTES.

A handsome luncheon decoration was carried out by the Flick Floral Co. in French hats made of white hair-braid filled with yellow daisies, violets and Sunburst rosebuds. These were the individual favors for fourteen. The centerpiece was a larger hat with the crown filled with yellow iris and lavender Butterfly sweet peas. These were for Mrs. J. W. Eggeman, wife of Judge Eggeman, on June 4th.

Fort Wayne flower-buyers were badly swindled around Memorial day by a bogus firm known as the Chicago Cut Flower Exchange, who rented a good stand on Calhoun street for about a week, taking orders for Monday's delivery (Memorial day), and then skipping town with the money, leaving the orders unfilled. Police investigations have failed to locate the swindlers.

The "bride," with her attractive bouquet, has been attracting considerable attention to the window of the Bradley Flower Shop the past week.

Markey Bros. have recently moved from their old location on East Wayne street to one block west on Washington boulevard. H. K.

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1500	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
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30	16 in.	1.00	11.25	92.00
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50	12 in.	.45	5.00	40.00
60	10 in.	.38	4.00	32.00
70	8 in.	.30	3.50	28.00

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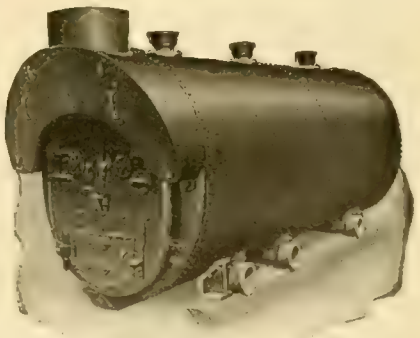

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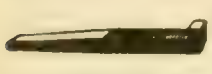

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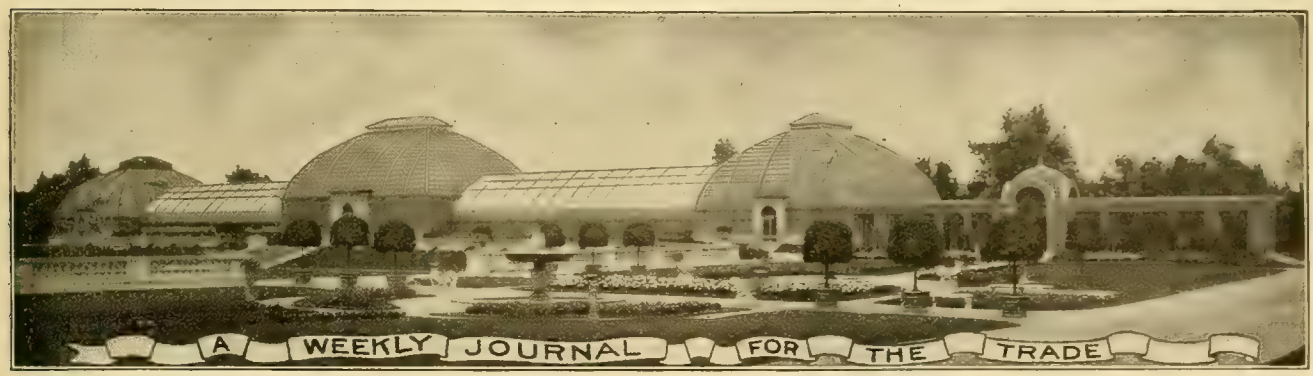

America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I. July 8-9, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 131-33 West Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at Minneapolis, Minn., August 24-27, 1915. THOS. WALLIS, Chicago, President; BELLETT LAWSON, JR., Elmwood Cemetery Chicago, Ill., Secretary-Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition June, 1916, at New York. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

American Sweet Pea Society

Exhibition at Panama-Pacific Exposition, June 11-13.

Crowds Laud Splendid Show.

The great sweet pea exhibition of the American Sweet Pea Society, held in the Palace of Horticulture, Panama-Pacific exposition, San Francisco, June 11-13, will long be remembered as one of the finest exhibitions of cut flowers ever held in the west. The attendance was remarkable, in fact it was difficult to make one's way around at all. It seemed that nearly every visitor to the exposition on the days mentioned visited the show. Nothing but words of the highest praise was heard on all sides for the way in which the show was managed and conducted. For several days previous to the exhibition a very judicious use of the daily papers was made by President Morse. A large space was used daily with very telling effect. The whole eastern vestibule of the Palace of Horticulture was devoted to the show, and owing to the very large entry list, it proved none too large. In fact, the management was considerably worried the day before the show in regard to space, but the exposition authorities assured them that all the needed space would be forthcoming.

It is remarkable the hold this popular annual has on the public since the advent of the Spencer type. The great majority of the visitors seemed to be familiar with all the leading varieties. The show was officially opened by Lester L. Morse, president of the American Sweet Pea Society, who told the vast throng the aims and ambitions of the society. Mr. Morse's speech was listened to with the greatest attention and at the close Charles Vogelsang responded on behalf of the exposition commissioners. He welcomed the growers and gardeners in a very fitting address and assured them that the exposition would do all in its power to encourage the other shows to be held in the Jewel City, as the exposition is known.

As was expected, the largest display in the hall was made by C. C. Morse & Co., of San Francisco, Calif. The display of W. Atlee Burpee & Co., of Philadelphia, Pa., was also a very large and complete one. These two firms' exhibits of sweet peas would be hard, or I might add impossible to duplicate. They showed the very cream of the best the world affords in this flower and they spared no expense to make their exhibits long to be remembered. The Morse exhibit occupied the western side of the vestibule and contained all types of sweet peas. They made their exhibit very educational by showing the original type of sweet peas in vogue from 1699 to 1837. Then a display of the improvements in this flower from 1837 to 1901. And from 1901 to 1915, the Spencer was shown in all its great beauty. The chief attraction of the Morse group was their new sweet pea, Scintillator. This is a vastly improved Jessie Cuthbertson and came in for great praise. The exhibit of this variety was given the award of merit by the judges. C. C. Morse & Co.'s entire exhibit was awarded the gold medal of the National Sweet Pea Society of Great Britain and the medal of honor by the Panama-Pacific exposition. Chief among the newer varieties on display by this firm were Mrs. E. Cowdy, Florence Spencer, Colisora Scintillator, Duchess of Portland, St. George, Mrs. B. Gilbert, Edrom Beauty, Olive Kuffel, Veiled Bride, Edith Taylor, Illuminator and New Merian Beaver. The exhibit was staged in a very artistic manner and every variety labeled plainly.

The great exhibit of W. Atlee Burpee and Co., of Philadelphia, Pa., the only eastern firm represented at the show, was staged at the north end of the vestibule. This exhibit consisted of one of the best Spencer sweet peas in cultivation, including their two novelties not yet disseminated, Cherub and Phantom Blue. Their magnificent new sweet pea, Fiery Cross, proved to be the sensation of the whole exhibition. Of this grand variety a large number of boxes were staged in the center of the exhibit and built up against a white background. It is without doubt one of the most remarkable sweet peas ever introduced and received the

award of merit from the exposition. The Burpee exhibit was also awarded the gold medal from the Panama-Pacific International exposition and the silver medal of the National Sweet Pea Society of Great Britain. They showed nearly one hundred varieties of Spencers, and great praise was heard for this firm for their very splendid efforts in exhibiting so far from home.

The L. D. Waller Seed Co., of Guadaloupe, Calif., made a very fine exhibit of Spencers and were awarded a silver gilt medal. Waldo Rohnert, the well known seed grower of Gilroy, Calif., showed a splendid lot, but these were not for competition. His exhibit of Queen Mary was especially fine and elicited great praise.

Ant. C. Zvolanek, of Lompoc, Calif., made a great display of his winter flowering Spencers. These flowers were very fine and of the largest size. He also showed a large number of novelties in the class. These were all grown on the fair grounds by W. A. Leslie.

In the amateur class the entries were very numerous and the competition very close. The president's silver cup, offered by Lester L. Morse for the most original floral design, brought out a large number of entries. First prize was awarded to the Francis Floral Co. for a large umbrella. Pelicano, Rossi & Co. put up a large liberty bell, which was very beautiful. F. E. Clark entered a Tower of Jewels, and Mrs. R. E. Darbee exhibited a large horn of plenty. All of these designs were made entirely of sweet peas and were exceedingly beautiful. John Smith of Berkeley, made a fine show of Spencers, as did R. Donley, D. W. Slade. J. Paneika, D. Bassett, E. Ralston, Ed. Richards, Mrs. R. B. Reed, Evelyn McLean, Annie Jennings, and E. F. Delger. The prize donated by Geo. A. Dennison, chief of horticulture of the exposition for the best display of Spencers on tabling three by six feet, was awarded to the Lynch Nursery Company of Menlo Park, Calif., for an exhibit of Spencers chiefly used in commercial work. The judges were J. M. McLaren, E. Smyth, and H. Howard and their decisions were well received. It would be impossible to give too much credit to the management of the show, Lester L. Morse and Secretary Frank G. Cuthbertson. They were on the job all the time, day and night, and it is due to their efforts that the snow was the grand success that it proved to be. All of the sweet peas shown by C. C. Morse & Co. were grown on their own seed farms at Hollister, Calif., and the Burpee exhibit was grown by the Lynch Nursery Company of Menlo Park.

Nearly all the prominent seed growers and dealers on the coast were interested visitors, studying the various varieties and novelties not yet in commerce. It is doubtful if anywhere else in this country could a more comprehensive display of sweet peas be had than the exhibition that has just closed. This city is only a couple of hours' ride from the vast seed growing districts of the state and we have no doubt but that the fields will still be in grand condition when the members of the American Seed Trade Association convene June 22-24.

Awards.

Class 1. Championship of California, prizes donated by C. C. Morse & Co.—L. Stern (D. Bassett, Gr.), silver cup and $10, first; Mrs. R. Greig, silver medal and $5, second; Mrs. R. P. Reid, $5, third.

Class 3. Prizes donated by Peter Henderson & Co., New York, for six vases Spencer sweet peas, six varieties.—Mrs. Richards, first; S. M. Spaulding (D. W. Slade, Gr.), second; Mrs. C. G. Lathrop (J. Paneika, Gr.), third.

Class 4. Prizes given by American Sweet Pea Society for best vase of lavender Spencers.—S. M. Spaulding, silver medal, first; Roy Donley, bronze medal, second.

Class 5. Prizes offered by Waldo Rohnert, Gilroy, Calif., for best vase of pink Spencers.—L. Stern, first; Mrs. Sachran, second. For best vase of white Spencers.—R. Donley, first; Emile Ralston, second.

Class 10. C. C. Morse & Co.'s prizes for vase of grandiflora.—John Smith, first; Edw. F. Delger, second.

Class 12. Silver cup donated by Braslan Seed Growers' Co. for best 12 vases Spencers.—Won by L. Stern.

Class 13. Prizes offered by American Sweet Pea Society for six vases Spencers.—R. Donley, silver medal; Anna Jennings (Harry Homewood, Gr.), bronze medal.

Classes 14-17. Prizes donated by Peter Henderson & Co.—Best vase of bicolor sweet peas.—John Smith. Best vase of red Spencers.—Mrs. Sachran. Best vase of pink Spencers.—John Smith. Best vase of cream pink Spencers in exhibition.—John Smith. Most tastefully arranged vase of sweet peas exhibited by ladies.—Evelyn McLain.

Class 20. Prize donated by Geo. A. Dennison, chief of horticulture, Panama-Pacific exposition, for best display of Spencers in space, three by six feet.—Won by Lynch Nursery Co.

Class 21. Prize donated by John Bodger & Sons' Co., Los Angeles, Calif., for 12 vases Spencers, 12 varieties.—Won by E. Ralston.

Class 22. To the winner of the most prizes at the exhibition, Garden Magazine medal.—Won by John Smith.

Class 23.—President's cup, value $50, for the most original design made from sweet peas.—Francis Floral Co., first; Pelicano, Rossi & Co., second; Mrs. Darbie, third.

Class 24. National Sweet Pea Society of Great Britain medals for the best trade display of sweet peas (open to seed growers and seedsmen only.)—C. C. Morse & Co., gold medal; W. Atlee Burpee & Co., silver medal.

The following awards, not included in the above, were presented by the Panama-Pacific exposition officials: To C. C. Morse & Co., medal of honor for Sweet Pea Scintillator; to W. Atlee Burpee & Co., grand gold medal for Sweet Pea Fiery Cross.

G. N.

AMERICAN PEONY SOCIETY'S SHOW, BOSTON, MASS., JUNE 19-20.

AMERICAN PEONY SOCIETY'S SHOW, BOSTON, MASS., JUNE 19-20.

American Peony Society

Thirteenth Annual Meeting, Boston, Mass., June 19-20.

The Exhibition.

The American Peony Society and the Massachusetts Horticultural Society held a joint exhibition at Horticultural hall, Boston, Mass., Saturday and Sunday, June 19-20, which proved to be one of the finest of its kind ever staged in that city. The main hall and also the lecture hall were filled to their capacity, many exhibits of herbaceous flowers making the show more interesting. R. & J. Farquhar & Co., Boston, Mass., had the largest exhibit, which showed a remarkable collection of peonies. Two large vases of Peony Walter Faxon and one of their seedling, No. 252, were especially fine and attracted much attention. Prof. A. P. Saunders, Clinton, N. Y., had a very fine collection of promising seedlings, as well as standard varieties.

T. C. Thurlow's Sons, Inc., West Newbury, Mass., exhibited about 2,000 blooms and were among the largest prize winners. Their new seedling, Cherry Hill, made a good showing. Mrs. M. Flood, of Oakland, Woburn, Mass., won an easy first with her vase of fifty Festiva maxima. She also had a collection of other varieties, not for competition, which were very creditable.

The roses were exhibited in the lecture hall. Wm. Sim, Cliftondale, Mass., had a splendid exhibit of roses and sweet peas. Other exhibitions of roses included those of Albert Geiger, Jr., Brookline, Mass.; Wm. Clemonson, Taunton, Mass.; Mrs. Frederick Ayers, Newton Highlands, Mass.; Mrs. Timothy McDermott, Milton, Mass.; T. N. Cook, Watertown, Mass., and Edwin Lewis, Taunton, Mass. Canterbury bells and orchids were exhibited from the Dane estate, Brookline, Mass. The exhibit of vegetables by the Market Gardeners Association also attracted their share of attention.

W. N. Craig of Faulkner Farm, Brookline, Mass., showed five plants of Verbena Miss Wilmott, which brought forth many comments on their excellent culture.

The Business Meeting.

The American Peony Society held its annual meeting in Horticultural hall, Boston, June 19. President Bertrand H. Farr gave an address in which he gave his ideas for the advancement of the society. He explained the movement now under way for the distribution of printed matter containing information as to the culture of peonies, and as to the printing of bulletins at intervals, explaining what is being done in the improving of this flower. He also expressed his idea that great benefit could be derived from the encouragement of amateurs. The new trial grounds at Washington were spoken of as a great stride in the advancement of the peony industry. Secretary A. P. Saunders gave his report, which showed a membership of 145, including 17 new members, mostly from the western states. He recommended that a committee be appointed to stop the sale of old varieties of peonies under new names, which has been going on for some time. He also recommended that the many new varieties that are coming before the trade be withheld until they prove their superiority over the varieties already on the market.

Officers for the ensuing year were elected as follows: Bertrand H. Farr, Wyomissing, Pa., president; Arthur Fewkes, Newton, Mass., vice-president; A. P. Saunders, Clinton, N. Y., secretary; J. H. Humphreys, Germantown, Pa., treasurer. Director for three years, R. C. Brown. The treasurer's report showed a balance of $1,577.78. The next meeting will be held at New York in connection with the meeting of the New York Horticultural Society.

After a discussion as to which color chart should be used, the official chart of the Chrysanthemum Society of France was decided upon. Arrangements were also made for a larger list of prizes to be awarded at the next show. The judges for the society for the coming year are: J. McKessock, J. H. Humphreys and J. Dauphin.

Awards.

American Peony Society Awards.

Largest and best collection of not less than 100 named varieties, one flower each—T. C. Thurlow's Sons, Inc., West Newbury, Mass.

Best six blooms, any variety named—Prof. A. P. Saunders, Clinton, N. Y., first; T. C. Thurlow's Sons, Inc., second.

Best collection of 20 named varieties, three blooms each—T. C. Thurlow's Sons, Inc.

Best collection of 25 named varieties, double, one bloom each—A. Fewkes, Newton, Mass., first; T. C. Thurlow's Sons, Inc., second; Dr. C. S. Minot, third.

Best collection of single peonies with one whorl of petals—T. C. Thurlow's Sons, Inc.

Best 50 peony blooms of one variety, named, double white—Mrs. M. Flood, Woburn, Mass., first, with Festiva maxima; Cottage Gardens Co., Queens, N. Y., second, with Marie Lamoine.

Best 50 blooms of one variety, named, double dark pink or rose—T. C. Thurlow's Sons, Inc., second; with Modiste.

Best 50 blooms of one variety, named, double flesh or salmon pink—T. C. Thurlow's Sons, Inc., with Venus; also second with Triumph de Lille.

Best new seedling peony of American origin not offered to the trade previous to 1913—Medal won by Prof. A. P. Saunders with 45 seedlings.

Largest and best collection of varieties named, one flower each—Prof. A. P. Saunders.

Massachusetts Horticultural Society Awards.

Gloxinas, six plants in not less than six-inch pots—Mrs. J. L. Gardner, first; Miss Cornelia Warren, second.

Theodore Lyman Fund No. 2, hardy roses, collection, named, not less than 20 varieties, filling 50 vases—W. J. Clemson, first.

Best three blooms of any white hybrid perpetual rose—Mrs. B. D. Harris, first.

Best three blooms of any pink hybrid perpetual rose—Mrs. B. D. Harris, first; Mrs. Timothy McDermott, second.

Best three blooms of any red hybrid perpetual rose—Mrs. B. D. Harris, first; Mrs. Timothy McDermott, second.

Hybrid perpetual roses, twelve named varieties, three of each—W. J. Clemson, first.

Six named varieties, three of each—Thomas N. Cook, first; Mrs. Frederick Ayer, second.

Twelve named varieties, one of each—W. J. Clemson, first.

Six named varieties, one of each—Thomas N. Cook, first.

Hybrid tea roses, collection of 12 varieties, three blooms of each—Hemlock Hill Rose Garden, first; Thomas N. Cook, second.,

Best three blooms of a hybrid tea variety introduced since 1912—Thomas N. Cook, first.

Six blooms, any white variety—William Sim, first; Mrs. Frederick Ayer, second.

Six blooms, any yellow variety—William Sim, first; Thomas W. Cook, second.

Six blooms, any pink variety—Thomas N. Cook, first; Mrs. Frederick Ayer, second.

Six blooms, any red variety—William Sim, first; Thomas N. Cook, second.

Basket, artistically arranged—Albert Geiger, Jr., first; Mrs. N. P. Cutler, second.

For the most artistic decoration of roses, with rose foliage, to fill space not exceeding 50 square feet—Mrs. Frederick Ayer, first; Thomas N. Cook, second.

Sweet Williams, display, 18 vases, of three trusses each—Mrs. J. L. Gardner, first; Weld Garden, second.

Hardy herbaceous flowers, 25 vases, distinct species and varieties—Weld Garden, first.

Best display of hardy herbaceous flowers—Bay State Nurseries, North Abingdon, Mass., first; Eastern Nursery Company, Boston, Mass., second.

Campanula medium, collection, filling 12 vases, one color in a vase—William Whitman, first; Ernest B. Dane, second.

Herbaceous peonies, collection of 20 named varieties, double, one flower of each—A. P. Saunders, first; T. C. Thurlow's Sons Inc., second.

Specimen bloom, double—G. N. Smith, first; A. P. Saunders, second.

Collection of 10 named varieties, double—T. C. Thurlow's Sons, Inc., first; Mrs. Frederick Kellogg, second.

Collection of 12 named varieties, single—T. C. Thurlow's Sons, Inc., first.

Collection of 12 named varieties, Japanese single—A. H. Fewkes, first.

Collection of six named double varieties, white—T. C. Thurlow's Sons, Inc., first; Mrs. C. S. Minot, second.

Rose, pink—T. C. Thurlow's Sons, Inc., first.

Salmon pink—T. C. Thurlow's Sons, Inc., first.

Red or crimson—T. C. Thurlow's Sons, Inc., first.

Vase of 25 blooms, double, white or blush—T. C. Thurlow's Sons, Inc., first; Mrs. J. L. Gardner, second.

Pink or rose—T. C. Thurlow's Sons, Inc., first; also second.

Red or crimson—T. C. Thurlow's Sons, Inc., first.

B. H. Farr, Wyomissing, Pa.
President American Peony Society.

Collection of 12 named varieties, double, one flower of each—Wm. Whitman, first; Robert C. Morse, second.

Collection of 12 blooms, pink—A. P. Saunders, first.

Collection of 12 blooms, white—A. P. Saunders, first; S. A. Perkins, second.

Collection of 12 blooms, red—A. P. Saunders, first; Wm. Whitman, second.

Gratuities.

Wm. Sim, display of sweet peas and hybrid tea roses; Miss Cornelia Warren, display of roses; W. A. Riggs, display of specimen hydrangeas; Miss Cornelia Warren, display of specimen hydrangeas; Mrs. Frederick Ayer, display of herbaceous iris; Blue Hill Nurseries, Braintree, Mass., display of peonies; T. C. Thurlow's Sons, Inc., display of peonies; G. N. Smith, display of peonies; J. K. Alexander, display of peonies; Mrs. Flood, display of peonies; Wm. Whitman, display of peonies; Mrs. N. P. Cutler, vase of peonies; Mrs. E. M. Gill, display of peonies.

Silver medal—R. & J. Farquhar & Co., artistic display of peonies; E. B. Dane, artistic display of orchids; T. C. Thurlow's Sons, Inc., Peony Cherry Hill.

Certificate of honorable mention—Wm. Sim, display of sweet peas and hybrid tea roses.

PLANT NOTES.

Pot Grown Roses.

The hybrid perpetual or rambler roses after blooming if desired to force another year, in order to bloom them early should be grown in pots during the summer. They can be pruned back after blooming and lifted, or if in pots should be repotted. This will require a good, strong soil, composed of two-thirds loam and one-third manure. When potting be sure to give good drainage and pot firmly, ramming the soil down hard. It is impossible to grow roses successfully in a loose soil. The plants should be plunged to rim of the pot outside where they can be freely watered. Avoid, if possible, placing them against the greenhouse or other building or against a fence, but plant them where they will have a free circulation of air and can be sprayed from either side. If planted against a building or in close quarters, they frequently become infected with red spider during the hot weather and it is nearly impossible to get rid of them.

Asparagus Plumosus and Sprengeri.

It is a good time now to plant, reset or renew the soil of asparagus beds, either plumosus or Sprengeri. If the beds are to be set out with young stock preparation should be started at once. Asparagus plumosus does better in solid beds, well drained, with a good rich compost about two feet deep. The plants should be set 12 to 15 inches apart and the shoots be given strings upon which to climb as soon as they begin to grow. But little cutting should be done the first year as it is necessary that the plants become well established. The old beds should be given a good mulch of half-decayed manure, and if possible, without injury to the roots, removing the top soil. Asparagus Sprengeri can be successfully grown in the bench, but also requires a good rich soil. The young stock the first year should be planted 10 to 12 inches apart, and will produce many stems that can be cut. The beds that have produced this year will require a renewal of the soil. It is better to replant than to try to renew the soil in the bench. The plants are great feeders and the bench is generally full of roots after a year's growth and it will be found difficult to keep the bench watered during the spring of the second year. If the plants are too close together they can be given more space in resetting. Good large plants will do better if set about 15 inches apart. If a mulch is attempted, care

YOKOHAMA NURSERY CO.'S EXHIBIT AT PANAMA PACIFIC EXPOSITION.

"TWIN OAKS," HOME OF MR. AND MRS. CHARLES J. BELL, WASHINGTON, D. C.
View Across the Rose Garden.

should be taken to use no fresh manure, but manure that is well rotted. The ammonia that arises from fresh manure will affect the plants, turning the foliage light, and in severe cases the foliage will become nearly white, making it worthless.

Mignonette.

To be able to cut fine spikes of mignonette in early winter will require an early start, and although it demands care and attention to germinate small seeds during hot weather, yet it will be necessary to sow seed early in July in order to have a cut in by the holiday season. A north propagating house is one of the best locations for the sowing of seeds in summer. Mignonette does not transplant from the seed flats successfully, so it is better to sow it in 2½-inch pots, five or six seeds to a pot, which can be thinned out to one or two plants as soon as they are large enough to select the strongest. Some growers prefer to sow the seed in hills in the bench, but to grow the large spikes of this flower requires a soil very heavily manured, and the constant watering often sours the soil before the plants have pushed out roots enough to absorb the water. As soon as the plants have attained a height of two or more inches the tip should be pinched or rubbed out, that the plant will branch, and again later these branches will have to be pinched off, until there are six or eight good, strong shoots. The plants will grow in most any kind of good soil, but to get the best the compost should be about one-half partly decayed manure well mixed in the soil and this will produce splendid spikes of bloom. After the plants begin to form their leaves a careful watch must be kept for the cabbage worm; these worms are very fond of mignonette and are voracious eaters, and soon denude the plant. They are a little difficult to find, being of the same color as the leaf, but are generally found along the midrib of the leaf or on the stem. Growers who cultivate large quantities of this crop screen their ventilation with mosquito netting to keep out the moth which lays the eggs. The plants should be set about one foot apart in the bench and staked or tied in some suitable manner to keep the stems straight and erect.

Compost Pile.

The extra help that is so often employed during the spring trade can be utilized for a few days before they are let go, in getting together a good compost pile, and there is no better time of the year than the present to do this. The sod can be taken off now after the mowing with no great amount of grass upon it, and if stacked at this time the warm summer days will soon rot the sod and make the pile fine and mellow. So many growers will spend their money for coal and labor and skimp on that most necessary thing for good product, the soil upon which the plant depends for its culture, and again put the matter off until the fall when the days are cold, the soil too often full of moisture, and the hauling poor, which makes the work more expensive and in the end not having as good an article for the succeeding year. It is not necessary to stack the manure with the pile at this time, but if ground bone is to be used it is better to sprinkle it into the pile now. Bone dissolves slowly and the earlier it is incorporated in the soil the better, and it also helps the rotting of the sod. Take advantage of the slack time with both the men and teams and get the compost pile up at once.

Cyclamens.

The plants of cyclamen should now be growing rapidly, especially those which were grown from seed sown last fall. These plants should now be in four or five-inch pots and the foliage growing full and strong. If the plants are plunged in a frame, they should be lifted out of the soil occasionally to see that the drainage is not stopped up. There is nothing that will ruin a young growing cyclamen any quicker than to have the drainage get closed and have the soil become sodden with water. Angle worms will often cause this and if they are detected should be removed. It is very easy to find whether they are in the pots. If the soil on the top of the pot is rolled into small lumps it is a sure sign that there are worms in the soil. If there are but a few the plants can be knocked out of the pots and the worms removed; if there are many a watering of lime water will soon rid the soil of the worms. The plants that are in small pots should be potted up as fast as they require it that they may be as large as possible for the holiday season, but do not go to the

other extreme and pot in too large pots. As soon as the roots get around the side of the pot shift them into the next size larger. If the plants are in the greenhouse a close watch for thrips must be kept during the summer. If the foliage is twisted when the leaf begins to unfold it is sure to be caused by insects and the plants should be sprayed with a nicotine solution. To have good plants for the holidays in full bloom they must be constantly watched and well grown.

National Flower Show, Philadelphia.

During the past six months much important work has been done by the national flower show committee of the S. A. F. and O. H. in connection with the fourth national flower show, to be held in Convention hall, Philadelphia, Pa., March 25 to April 2, 1916, and arrangements are rapidly assuming definite form. Chairman George Asmus, of Chicago, has been in attendance at several of the meetings of the local executive committee in an advisory capacity, and the committee has had the full benefit of his past experience with such exhibitions. The local executive committee is well organized, and in no other city have the different horticultural interests been so well represented on an exhibition board as in this instance in Philadelphia. This committee will hold regular meetings from the present time until the close of the show.

The various sub-committees, too, are well organized, and are working on the various details of preparatory work harmoniously and with a zeal which leaves no doubt as to the successful outcome of the undertaking. These committees, with their chairmen, are as follows:

Committee on press, publicity and advertising—W. F. Therkildson.

Committee on securing exhibits—William Kleinheinz.

Committee on decorations—John Habermehl.

Committee on special premiums—Wm. P. Craig.

Committee on special features—Chas. Grakelow.

Committee on lease and contracts—A. Farenwald.

Committee on music—Leo Niessen.

Committee on printing—S. S. Pennock.

Committee on concessions—Henry F. Michell.

Committee on trade tickets—E. Fancourt.

Committee on lectures—J. Otto Thilow.

Bureau of Information—Frederick Cowperthwaite.

Secretary and treasurer—A. A. Niessen.

Committee-at-large—George Burton, Louis Burk, Robert Craig.

The Pennsylvania Horticultural Society has been invited to assist in the work of the exhibition and, through Hartman Kuhn, its president, the ladies of the different garden clubs in the vicinity of Philadelphia have been invited to take part in the exhibition, and are already at work on plans to have a tea garden, or something similar, on lines followed by the ladies of the Red Cross at the recent New York show. Sufficient space will be allotted them by the management for the purpose.

An unusual feature and attraction will be exhibits by different societies devoted to aquarium fish and aquarium plants. This section of the show is being taken care of by Franklin Barrett, whose personal exhibits alone will cost almost $600 to stage.

The trade exhibition in connection with the show will be most extensive and comprehensive, and applications for space are coming in rapidly. The H. F. Michell Co., Philadelphia, Pa., have booked up for Block No. 30, and Henry A. Dreer, Inc., Riverton, N. J., and Philadelphia, for Block No. 1, each containing 1,026 square feet. A. N. Pierson, Inc., Cromwell, Conn., is among other large exhibitors in this section. Floor plans have been distributed, and extra copies may be had upon application to the superintendent of the trade exhibition.

The guarantors' list will soon reach $10,000, the amount authorized to be raised by the national flower show committee.

Subscribers to the guarantor's list, by states, are, so far, as follows:

CALIFORNIA.

H. Plath, Daniel MacRorie, E. James, Ant. Zvolanek.

CONNECTICUT.

A. N. Pierson, Inc.

INDIANA.

Bertermann Bros. Co., Bauer & Steinkamp, John A. Evans.

KANSAS.

Chas. P. Mueller.

ILLINOIS.

George Asmus, W. N. Rudd, Philip J. Foley, The American Florist, Kroeschell Bros. Co., Bassett & Washburn, The Florists' Review, Ernest Wienhoeber Co., Fred Lautenschlager, John C. Moninger Co., Emil Buettner, Schiller Co., Poehlmann Bros. Co., C. M. Hamilton.

MASSACHUSETTS.

Patrick Welch, L. Merton Gage, Harry I. Randall, Wm. O. Jahn, A. N. Cooley, M. A. Patten, Thomas Roland, S. J. Goddard, B. Hammond Tracy.

MINNESOTA.

Some Florists of Minneapolis.

MISSOURI.

W. L. Rock Flower Co., Samuel Murray, F. J. Fillmore, Fred H. Meinhardt, C. O. Kuehn.

MICHIGAN.

Philip Breitmeyer, Albert Pochelon, Chas. H. Plumb.

NEW YORK.

Peter Henderson & Co., Benjamin Hammond, A. S. Burns, Jr., McHutchison & Co., W. J. Cowee, Arthur Cowee, Chas. A. Dards, S. A. Anderson, Jackson & Perkins Co., Wm. H. Siebrecht, F. R. Pierson, Traendly & Schenck, H. A. Bunyard, Florists' Exchange, Moore, Hentz & Nash, C. T. Guenther, John Lewis Childs.

NEW JERSEY.

Julius Roehrs Co., Chas. G. Roebling, L. B. Coddington, Chas. H. Totty.

NEBRASKA.

J. J. Hess.

OHIO.

H. P. Knoble, C. E. Critchell, C. L. Humphries.

PENNSYLVANIA.

W. Atlee Burpee, H. F. Michell Co., A. Farenwald, Leo Niessen Co., Conard & Jones Co., S. S. Pennock-Meehan Co., Henry A. Dreer, Inc., Henry Eichholz, S. S. Skidelsky, Harry K. Rohrer, Pittsburgh Cut Flower Co., Geo. Burton, Wm. Kleinheinz, Wm. R. Gibson, Joseph Heacock.

WASHINGTON, D. C.

Gude Bros. Co.

JOHN YOUNG, Sec'y.

San Francisco Fall Show.

PANAMA-PACIFIC EXPOSITION, OCT. 21-26.

The flowers, which have contributed so largely to the great beauty and wonder of the Panama-Pacific exposition, will have another festival of their own this fall, supplementing the several shows that have proven so attractive during the life of the exposition. The grand national fall flower show is scheduled to continue five days, October 21-26, and will take place at the Palace of Horticulture in the exposition grounds under the auspices of the Pacific Coast Horticultural Society in conjunction with the department of horticulture, Panama-Pacific Exposition. Special prizes for chrysanthemums in a contest open to all will include the Chrysanthemum Society of America's silver cup, Hitchings & Co.'s silver cup, the Wells-Totty prizes, the Henry A. Dreer prize, the A. N. Pierson, Inc., prize, the Elmer D. Smith & Co. prize, the National Association of Gardeners' prize, the H. F. Michell prize, the H. W. Buckbee silver cup and the Society of American Florists and Ornamental Horticulturists' prize.

In class A competition there will be medal awards as well as money awards, ranging from $3 to $15—24 awards being made in all. This contest is open to all.

The class B contest, open to non-commercial growers only, will include six money awards.

Class C, open to all, will be a contest for the finest chrysanthemum plants,

WASHINGTON ROSE TEST GARDEN.

Hybrid Tea Section.

and consists of four different conditions, each of which will be awarded a prize, either a silver cup, a medal, or a money prize.

Class D, cut flowers, with money prizes and medals as awards, will include displays of roses, carnations, lily of the valley, lilies, herbaceous perennials, annuals, dahlias, and begonias.

Class E, open to all, with numerous prizes, monetary and otherwise, will be devoted to orchids of different varieties, palms, Phoenix Roebelenii, crotons, dracænas, pandanus, ferns, nephralepis, cibotium, adiantum, asplenium platycerium, cyclamen, primulas, hanging baskets of flowering plants, foliage plants, asparagus and miniature gardens.

Class F, open to non-commercial growers, will be devoted to cattleyas, cypripediums, oncidiums, phalaenopsis and other orchids. Money prizes will be awarded.

Class G, open to all, best collection of vegetables. Money prizes will be awarded.

Class H includes special features such as contests for the best table decoration with different flowers as features on different days, best vases of chrysanthemums, best arranged basket of flowering and foliage plants, best arranged basket of orchids and foliage, most artistic and original floral design, best corsage bouquet, most artistic bridal bouquet, most artistic bridesmaid's bouquet, best arranged hamper or basket, feature chrysanthemums, most artistic basket of cut flowers.

Those in charge of the show will be H. Plath, manager; John R. Fotheringham, assistant manager; T. Taylor, secretary. The exhibition committee includes Daniel MacRorie, T. Taylor, F. Pelicano, E. James, Angelo J. Rossi, D. Raymond, W. A. Hoffinghoff, Donald McLaren, Wm. Kettlewell, Wm. Munro, John R. Fotheringham, P. Ellings and M. Poss. For full particulars and application blanks write H. Plath, 210 Lawrence avenue, San Francisco, Calif.

Tarrytown Hort. Society.

The annual June exhibition of the above named society was held June 16 in the gymnasium of the Y. M. C. A. building, Main street, Tarrytown. There was a fine display of roses, sweet peas and such hardy flowers as campanulas, delphiniums, digitalis and dianthus, or hardy pinks.

The exhibit of roses grown in the open was excellent, the following being noteworthy: Gen. McArthur, Mme. Cochet, Baroness de Rothschild, Mrs. Aaron Ward, Hugh Dickson, Killarney, Clio, Frau Karl Druschky, Gen. Jacqueminot and climbing American Beauty. The exhibit of Spencer sweet peas was also good.

There were some good peonies, but the exhibit was not large. Strawberries were another fine feature. F. R. Pierson, Tarrytown, made a fine exhibit of flowering shrubbery, climbing roses and a vase of the Rose Francis Scott Key and another of Ophelia. His exhibit was not in competition. Leading awards follow:

Best collection of flowers cut from hardy perennials, not exceeding 12 varieties. Edward Buckhout's prize, ice pitcher.—Mrs. H. Darlington, Mamaroneck, N. Y. (P. W. Popp, Gr.), first; Mrs. F. Hermann, Tarrytown (Abel Weeks, Gr.), second.

Best vase of 12 blooms of hybrid perpetual roses, assorted. Mrs. J. Herbert Carpenter's prizes; first, $3.00; second, $2.00. Competition open to private gardeners only.—Geo. D. Barron, Rye, N. Y. (Jas. Linane, Gr.), first; Mrs. Carl Victor, Ardsley, N. Y. (Thos. Lee, Gr.), second.

Best collection of out-door roses, not exceeding 25 varieties, consisting of hybrid perpetuals, hybrid teas, and teas. Mrs. Ferd. Hermann's prizes, first, $10.00; second, $5.00.—Gen. E. A. McAlpin, Ossining, N. Y. (John Woodcock, Gr.), first; P. W. Popp, second.

Best vase 12 blooms of out-door roses, 12 varieties, one of each. Charles D. Millard's prizes; first, $4.00; second, $3.00.—Gen. E. A. McAlpin, first; F. E. Randall, Irvington, N. Y. (Fred Bradley, Gr.), second.

Best vase of six blooms of hybrid perpetual roses, one variety or assorted (amateurs only). H. R. Frost's prizes; first, $2.00; second, $1.00.—Mrs. J. F. Duckel, Tarrytown, first; E. F. Giberson, Tarrytown, second.

Best three varieties of hybrid tea roses, grown out of doors, four of each. Frank R. Pierson's prize cut glass flower vase.—John D. Rockefeller, Pocantico Hills, N. Y. (W. G. Woodgens, Gr.), first; Mrs. W. G. Nichols, Rye, N. Y. (Geo. N. Sullivan, Gr.), second.

Best six varieties of out-door roses, six blooms of each. C. H. Curtiss Co.'s prize, carving set.—Gen. E. A. McAlpin, first; John D. Rockefeller, second.

Best three varieties of out-door roses, six blooms of each. A. Blouin's prize meerschaum pipe.—David L. Luke, Tarrytown (John Elliott, Gr.), first; Carl Victor, second.

Best 12 blooms out-door roses, any one variety. Messrs. Russel & Lawrie's prize, fountain pen.—David L. Luke, first; John D. Rockefeller, second.

Best vase roses. Wm. F. McCord's prize, pipe.—Mrs. F. Hermanns, first; David L. Luke, second.

Best display out-door climbing roses. John B. Sackett's prize, eight-ounce bottle of perfumery.—Alice F. Neubrand, first.

Best 12 blooms of Rose Frau Karl Druschki. Friend's prizes; first, $5.00; second, $3.00; third, $2.00.—David L. Luke, first; Gen. E. A. McAlpin, second.

Best 18 vases of sweet peas, 18 varieties, not over 25 sprays of each. James W. Smith's prize, cut glass berry dish. The society offers a second prize of $3.00.—Mrs. J. B. Trevor, Yonkers, N. Y. (Howard Nichols, Gr.), first; Dr. L. H. Backeland, Yonkers (Jas. Cailis, Gr.), second.

Best 12 vases of sweet peas, 12 varieties, not over 25 sprays of each. John Elliott's prize, $5.00. Mr. William Jamieson offers a second prize of $3.00. Geo. D. Barron, first; D. E. Oppenheimer, Yonkers (A. MacDonald, Gr.), second.

Best six vases of sweet peas, six varieties, not over 25 sprays each. Thomas Morris' prizes; first, $2.00; second, $1.00. (For small growers only.)—Miss Blanche Potter, Ossining, N. Y. (Geo. Wittlinger, Gr.), first.

Best vase of 50 sprays of mixed sweet peas. Thomas A. Lee's prizes; first, $2.00; second, $1.00.—Geo. D. Barron, first; Dr. L. H. Backeland, second.

Best arranged floral decoration for circular dinner table 6 feet in diameter, seating 12 persons. Julian F. Detmer's prizes; first, $6.00; second, $4.00.—George Wittlinger, first; Miss Ewing, Tarrytown, second.

A. F. F.

The Tacoma Rose Show.

The most extensive, and without doubt the most beautiful exhibition of roses ever held in the Pacific northwest, closed at midnight, Saturday June 12, and the thousands who attended were made happier by such a wonderful display of beautiful flowers, artistically arranged, which completely filled the floor space of the Glide rink, 100x240 feet in extent.

Beautiful beyond description, and arranged on 50-foot tables were splendid roses, so grouped that there was no clash in harmony of colors, but blending one shade into another, beneath two miles of evergreen wreathing that was arranged overhead, covering the whole space, and seeming to arise from a green surrounding, interwoven with many thousands of blooms of rare beauty and quality. All who attended were enthusiastic in their praise. Nature is so kind in favors that make rose growing easy and Tacoma so located in the best section of the United States, that it is no task for anyone who cares to try, and the concerted aim is always to give a fuller measure of pleasure to all who attend this great yearly exhibition. "Come and see our beautiful roses and the great Mt. Tacoma" is always a standing invitation.

Praise and congratulations are heard on every side for the splendid work of the officers of the Tacoma Rose Society, and the efficient public parks workers, Messrs. Hill and Milton, who labored long and enthusiastically in the city beautiful campaign, as evidenced by a wonderful display of plants and cut blooms. Over 350 varieties of roses were represented and in the neighborhood of 150 varieties of perennials. Not far from 25,000 roses were staged for competition and several times that number were used in decorations.

Many late new roses were shown and one especially beautiful crimson red, a Tacoma production grown from seed of a cross of Gen. Jack and Betty, attracted much attention and praise.

Only two of the local florist firms made any attempt to exhibit, both of these, however, had splendid displays, that brought forth favorable comment. The Hayden-Watson Co. arranged a beautiful booth with bouquets and cut flower arrangements with suitable suggestions, a beautifully decorated table in pink Mme. Chatenay roses. The Smith Floral Co. had an attractive table decoration, arranged with red roses, that was noteworthy.

As to the financial returns from this year's rose show, no great amount of money will be carried over for next year's exhibition, but enough will no doubt be set aside to make the sixth annual exhibition in 1916 greater than ever before.

Awards, cups donated by local firms, organizations and individuals were given in 38 classes, and among the successful contestants were the following: T. H. Dobson, six cups; S. S. Anderson, James A. Hays and J. W. Misener, three cups each; Mrs. R. G. Walker, Herbert Howard, J. D. Heinrich, and H. R. Lea, two cups each; Mesdames R. W. Dawson, R. P. Christofferson, Morton Gregory, Wm. Larkin, R. A. McCormick, M. E. Hubbard, C. A. Snowdin, L. E. Paskill, L. E. Bailey, Fred Clark, E. A. Bluker, Sidney F. Anderson and Messers. A. A. C. Gainer, M. E. Honningfort and Herbert Hunt, one cup each.

S. L. H.

San Francisco.

BUSINESS IS DRAGGING.

Business is not very brisk of late. There does not seem to be anything doing out of the normal, and business is just dragging along. The closing of the schools last week helped things considerably. The supply of roses is more than sufficient for the demand and the quality is nothing extra. Red roses were in rather short supply last week. Lily of the valley is very scarce at present and cattleyas are beginning to shorten up considerably and are in pretty good demand. Carnations are quite poor; the warm weather is having a bad effect on them as well as roses. There are quite a few lilies to be had, but the offerings are taken shyly. Sweet peas are now in their glory and there is a good demand and also good prices for good stock. Spencers bring double the amount of the grandifloras. There is a very large cut of outdoor gladioli coming along. Dahlias are beginning to make their appearance and as they are somewhat of a novelty as yet, are moving fairly well. Since memorial day the shipping business has dropped away and little can be expected in this line until next fall, and as a consequence all the flowers grown in the vicinity of this city will have to be absorbed here. The decorations that many of the florists are keeping up at the exposition grounds for various state buildings and private exhibitors uses a great quantity of cut flowers that otherwise would be thrown on this market. Plants of all kinds are moving slowly.

NOTES.

The Menlo Park Horticultural Society held a very enjoyable smoker June 11. Quite a number of the trade from down the peninsula availed themselves of the opportunity of visiting this society and an agreeable evening was held. This society was well represented among the prize-winners at the sweet pea show at the exposition last week. David Bassett, Joe Paneika, David N. Slade and others aquitted themselves in a very creditable manner.

Howard Earl, general manager of W. Atlee, Burpee & Co., of Philadelphia, was an interested visitor at the sweet pea show at the exposition. The Burpee firm had a very large exhibit and Mr. Earl was well pleased with the awards. He will remain here for the American Seed Trade convention, and will visit the Floradale farms at Lompoc before his return.

Secretary Hoffinghoff, of the Pacific Coast Horticultural Society, has mailed the fall schedule to all intending exhibitors. H. Ploth is busily engaged in arranging the program and advertising. He is well pleased with the way in which the trade has responded so far, and expects to finish his task in a day or so.

A great number of seed growers were in this city during the week, chief among which were Ant. C. Zvolanek, of Lompoc; Waldo Rohnert, of Gilroy; L. L. Waller of Guadaloupe and representative of the Braslan Seed Growers' Co. of San Jose. They were interested principally in the sweet pea exhibition.

The MacRorie, McLaren Co. have a grand lot of cyclamens, which they are growing at their nurseries at San Mateo. They expect to have them in bloom much earlier than usual. They have about completed the planting of their last importation of shrubs and plants.

Pelicano, Rossi & Co. had a large share of the floral orders let by the police force on account of the re-appointment of Chief White as chief of police. Some of the designs were very large and expensive. All were executed in the usual splendid style of this firm.

C. Kooyman says that business in his new store shows a steady increase. Mr. Kooyman carries a full supply of florists' supplies, as well as cut flowers, and says he is well pleased with his new venture.

M. H. Ebel, of Sacramento, was a visitor during the week, having made the trip to see the sweet pea exposition at the fair. He reports a very good memorial day trade. G. N.

Lancaster County Florists' Club.

Ira H. Landis of Paradise read the following paper on "Field Culture of Carnations" at the June meeting of the club.

As soon as the soil can be gotten into shape early in April we like to commence planting into the field. Assuming that the soil has been well manured and properly prepared with three men and a few boys, the planting proceeds nicely. We always use two lines and draw a rake along each row to make the soil mellow and the planting easy.

Where a great many thousands are grown I believe it advisable to plant in beds of about five rows each, 15 inches apart and 10 inches between the plants and cultivate by hand. We plant in rows 30 inches apart and 10 inches in the row and cultivate with a horse. This method of cultivation I prefer to the hand cultivator where space is not limited, as the deep cultivation helps the soil to retain moisture for a greater period. Care must be taken not to cultivate too close to the plants so as to injure the roots. Cultivate about every two weeks and as soon as possible after a rain with a fine toothed harrow in order to leave the soil nice and mellow.

As soon as the plants have become thoroughly established and their flowering shoots begin to push up, the pinching back or topping must be attended to and the stock gone over about every two weeks. About August 1, this topping must be discontinued if you want early blooms, and if you have good healthy stock to start in the spring the greater part of it should be ready to plant into the house early in August.

In the discussion that followed it was generally conceded by the 15 or more carnation growers present that the cultivation by horse was an advantage on account of the greater depth the horse harrow had over the hand cultivation. It was also brought out very strongly that early planting was an advantage and that some of the best results were obtained where the planting had been done so early that the plants had a pretty hard freeze after being planted out. B. F. Barr cited an instance where the thermometer went below 28 for several nights after planting out, and Frank Kohr an instance where the plants were snowed under a few days after they had been planted with beneficial results to the plants in both cases. W. B. Girvin said he planted about 22,000 to the acre, cultivating by horse power and was looking for a motor power cultivator to take the place of the horse; he believed in planting as early as the soil could be gotten into shape, which differs in some localities. He also said that he had both Akehurst and Ward planted into the houses now for next winter's crop and that they were looking fine.

The committee on the dahlia show reported having secured some very fair premiums from the Lancaster County Fair Association for the amateur classes. The space allowed us for this show not having been decided upon, further action would not be had until the August meeting, when all details would be reported upon and every member of the club given something to do.

The committee on picnic, consisting of Elmer Weaver, Harry Rohrer, Frank Kohr and Willis Girvin reported as having arranged for a picnic at Rocky Springs park to take the place of the July meeting, the given date to be announced later.

B. F. Barr announced that the August meeting would be held at his nursery and farm, where we had such a delightful meeting last August and that the inspection of the nursery and farm would start at 1 p. m. sharp and be followed by a variety of outdoor sports until 6 p. m., when a light lunch would be served and the meeting called to order. Mr. Barr has arranged for some visiting nurserymen to talk to us on this occasion. The programme committee had arranged for an aster symposium for this August meeting, which will have to be deferred until another year.

Mr. Keohane, of the H. F. Michell Co., Philadelphia, Pa., gave us some interesting information on the general condition of business, all of an optimistic nature. Alphonse Peters exhibited a number of climbing roses and surprised us all with an exhibit of Dahlias Gorgeous, Twentieth Century, Jack, Yellow Century and Ami Bertillion.

ALBERT M. HERR.

St. Louis.

WEEK OF WEDDINGS AND COMMENCEMENTS

The past week has been one of weddings and closing exercises of schools. Every florist appeared to be busy and everything was in large supply, fancy stock being in good demand. Sweet peas have been slow sellers. Some good Minnetonka and Mrs. Chas. Russell roses had fairly good sales.

NOTES.

The wholesale houses closed at noon, June 19, and remained closed until Monday morning. There was quite a stir among some of the retailers, while others favored entire Sunday closing. The growers held a meeting and a special committee of three was appointed; W. A. Rowe, B. Edwards and Hugo Gross, to meet the wholesalers and endeavor to extend the hour of closing on Saturdays until 5 p. m. This committee met at C. A, Kuehn's, June 21. The Florists' Retail Association will also discuss general Sunday closing at their next meeting. It is understood Alderman Koenig favors the measure.

The board of trustees of the Missouri Botanical Garden has awarded the contract for the erection of a new $75,000 greenhouse. The new structure will contain more than 45,000 square feet of glass, concave in form. It will not be as large as one recently completed in which tropical plants and ferns are kept.

Alphonse Artemann and Hazel Boeckman were married June 22. Alphonse is head designer at Mullanphy's Grand avenue store.

The wholesalers report increased sales, Saturday, June 19, proving that the growers benefited by the extended closing.

Frank Gorly is very busy managing all departments of the business in his brother's absence.

Waldman, the Florist, has been giving the public special benefit sales during the glut period.

Alex. Waldbart & Sons report trade as having been very good, but is slackening up now.

O'Leary, the Florist, has been very busy with graduating exercises and weddings.

The Mullanphy Florists had the bouquets for the McKinley High School.

Herman Flower Shop, Page and Taylor streets, is building up a nice trade. W. F.

OBITUARY.

Gust A. Taepke.

Gust. A. Taepke, one of the most popular florists of Detroit, Mich., died Friday, June 18, after a protracted illness that had its beginning about two years ago. He was born in Lowenburg, Germany, June 13, 1854, and came to America about 40 years ago, settling in Detroit, and engaged in the florist business at 450 Elmwood avenue, where he also resided until his death. He is survived by his mother, a brother, Albert, his widow, three daughters, Laura C., Mrs. Omar Rudkwicz, Mrs. Bert Haberkorn, and one son, Walter C. Taepke, the latter being associated with his father in business and having charge of their store at 95 Gratiot avenue.

Mr. Taepke had a wide circle of friends who held him in the highest esteem. He was a member of the Harmonie and Concordia societies, Society of American Florists, American Carnation Society and the Detroit Florist Club.

The funeral was held June 21 from his late residence and interment was in Elmwood cemetery. A profusion of flowers were sent by his many friends, among them being a design sent by the Detroit Florist Club, many members of which organization were present at the funeral.

At the regular meeting of the Detroit Florists' Club, Monday, June 21, the following resolutions were unanimously adopted:

Whereas, by Divine Providence, Gust. H. Taepke, one of our members, was removed from our midst, therefore be it

Resolved, That in the death of Mr. Taepke, the Detroit Florists' Club has lost one of its oldest and most valued members, and one in whom was reposed the greatest measure of confidence, in his able counsel and generous contribution to the work of the club, and

Resolved, That his untimely demise has caused the greatest sorrow among the florists of the city, all of whom valued his friendship and counsel, and the generous spirit with which he at all times dispensed the same, and

Resolved, That these resolutions be entered upon the records of the club, and a copy of the same be engrossed and sent to the bereaved family of the deceased, with whom we heartily sympathize in this, their hour of deep affliction.

J. F. SULLIVAN,
WM. DILGER,
E. A. SCRIBNER,
Committee.

August Gaedeke.

August Gaedeke, well known florist of Nashua, N. H., and founder of the firm of August Gaedeke & Co., of that city, died of pneumonia, June 15, after an illness of only three days. He was born in Stettin, Germany, in 1866, and came to this country at the age of 20, and was employed in Charles Hoitt's greenhouses until 1900, when he bought out the Hoitt interests and embarked in business for himself. He recently disposed of his business to Fred D. Sperry, preparatory to retiring from business, after a successful career. He was well known in the trade, and highly esteemed in his home city. A widow, two brothers and three sisters survive him.

Albert C. Rott.

Albert C. Rott, well-known florist of Joliet, Ill., passed away June 17 at St. Mary's hospital in that city. He was 48 years old. Mr. Rott took to his bed on Sunday previous to his demise, suffering from an internal complication which necessitated his removal to the hospital, where hopes for his recovery were entertained up to a short time before his death. He leaves a host of friends who will miss his cheery disposition and kindly thought for all. His funeral took place at Bloomington, Ind., Sunday, June 20, with full Masonic honors. The number of floral tributes were a strong testimony of the esteem in which the deceased was deservedly held by friends far and near, hundreds of whom will miss him no less for his beautiful work than his straightforward dealings. We shall miss Albert Rott in Joliet.

Mrs. Rott will continue the business and her personality is such as to command whole-hearted support of the trade and former customers.

H. N.

Daniel W. Augspurger.

Daniel W. Augspurger died at his home in Peoria, Ill., June 20, aged 65 years. Funeral services were held at the residence, June 21, with burial at Carlock, Ill., June 22.

Washington.

BUSINESS AT A STANDSTILL

With business at a standstill, the supply is plentiful, except in extra good stock. Carnations can be had at $5 per 1,000 and are going begging at that price, while roses are almost as bad. The only flowers that seem to hold up in price are gladioli, which bring from $5 to $12 per 100. Local lily of the valley and orchids are a drug in the market.

NOTES.

Miss Alice V. Cramer and J. Harper Hetherington, manager and formerly cashier for the Washington Florist Co., were married at the residence of the bride's parents, June 23. The home was beautifully decorated with palms, ferns and pink rambler roses, the bride carrying a shower bouquet of lily of the valley and orchids. The maid of honor carried a large bunch of pink roses, as did also the bridesmaids. Mr. Hetherington's brother of Philadelphia, Pa., and a few friends from that city were the only attendants, outside of the bride's family. We wish them the very best of luck, which is from the local trade in general. Emmett C. Palmore, with Z. D. Blackistone, has also taken the "fatal move" and we will also wish him "our best." Everybody in the employ of Blackistone was at his nice little flat to welcome him home and from all accounts it was the "wee small" hours of the morning before the guests left for home, providing some of them had time to go home.

The weekly meeting of the bowlers will take place June 30 at the New Royal alleys and we hope to see all the local bowlers there.

Fred Miller is now employed at the Washington Florist Co. G. C. D.

Los Angeles.

The regular meeting of the Los Angeles County Horticultural Society will be held July 6, in the hall, 237 Franklin street. The feature of this meeting will be an address on Rose Culture, by Frank Lewin.

Edwin Lonsdale's health continues to improve, much to the gratification of his many friends.

HAL S. KRUCKEBERG.

FREDERICK, MD.—A botanical garden is being established here with Wm. M. Gude, Richard Vincent, George W. Hess and Mayor Lewis H. Fraley, as trustees and Frank C. Hargett, superintendent.

FAR AND NEAR.

CANTON, S. D.—R. R. Hartvic will erect a greenhouse in this city.

ST. PAUL, MINN.—H. Nielsen has purchased the Hazel Park Greenhouses.

BALTIMORE, MD.—H. G. Anderson is building a new greenhouse at Towson.

MOORHEAD, MINN.—J. W. Briggs, Front and Eighth streets, will erect a greenhouse.

HILLSBORO, ILL.—J. A. Wibe, florist, has sold his greenhouses to M. Puhlman, of Rockford, Ill.

EASTON, PA.—A new sweet pea house, 50x100 feet, will be added to the range of S. M. Merwerth & Bro.

NORFOLK, VA.—A greenhouse to cost $700 will be erected by J. W. Grandy, Jr., on Forty-ninth street.

FORT WORTH, TEX.—Work will be started immediately on a new house at the range of J. E. McAdam.

OAKLAND, CALIF.—Two new houses are being added to the range of Hayashi & Co., Seventy-third avenue.

GRAND RAPIDS, MICH.—Arthur Crabb will open a flower shop June 28 in the Burleson building, Jefferson avenue.

DES PLAINES, ILL.—Wm. Passvogel has purchased the greenhouse formerly conducted by Ben Grupe, West Elm street.

SAN FRANCISCO, CALIF.—F. E. Stratton has taken over the business of G. H. Evans, known as the Jordan Park Floral Co.

SAN FRANCISCO, CALIF.—A cold storage plant is being installed at the shipping station of the United Flower & Supply Co.

VINELAND, N. J.—The Vineland Floral Society held the largest rose show in its history May 29. There were 31 exhibitors.

NEW BEDFORD, MASS.—H. V. Sowle is contemplating doubling his present amount of glass, and also opening a flower shop on Purchase street.

NEW CASTLE, N. H.—Wm. Lefebre, formerly of the firm of Schilder & Lefebre, Swarthmore, Pa., has leased the greenhouses of C. W. Eaton, and took charge June 1.

DAVENPORT, IA.—The Davenport Rotary Club is arranging for its third city beautiful contest and will give $400 in prizes for yards, flower and vegetable gardens.

KANSAS CITY, MO.—James S. Pepper is bankrupt in the United States district court. The first meeting of creditors will be held June 26, room 300, Fidelity Trust building.

KANSAS CITY, MO.—Two houses, one 29x228 feet, the other 24x100 feet, will be added to the range on the south side of Swope park, according to an order of the park board, June 8.

SUPERIOR, WIS.—G. Tjensvold has sold his interest in the Superior Floral Co. to his partner, William Berg, who will continue the business. A. C. Gardiner will continue as manager of the store.

CHATHAM, N. J.—In the United States district court at Trenton, June 17, Harry O. May, of Summit, was appointed receiver for Samuel Lum, a grower of this city, on an involuntary petition in bankruptcy filed against Lum by three of his creditors. He owes the Summit Trust Co. $7,250, Walter S. Terrell $1,375, and Anna M. Terrell $280. Receiver May gave bond for $2,000. A. F. F.

THE AMERICAN FLORIST

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE price of glazing points and all zinc materials has been advanced.

LEAD has again declined in price but probably not sufficiently to affect the advance on tinfoil.

American Gladiolus Society.

Early notification should be made by all who intend to make trade exhibits at the Newport, R. I., show, August 18-19. Those so intending should communicate at once with Henry Youell, chairman of exhibition committee, whose address is 538 Cedar street, Syracuse, N. Y., instead of Rochester, as previously reported.

Chicago Fall Show.

At a meeting of the executive committee representing the Horticultural Society and the Florists' Club, held June 21, arrangements were materially advanced for the big fall flower show, to be held at the Coliseum, Chicago, November 9-14, inclusive. A large part of the $10,000 guarantee fund has already been subscribed. The premium list is in preparation and copies may be had on application to the secretary, N. P. Miller, 179-183 North Wabash avenue, Chicago.

"Seeds That Grow."

ORIGIN OF BURPEE'S SLOGAN.

W. Atlee Burpee and his business is featured in the opening article of Printers' Ink, June 17, with portrait and reproductions of advertisments. Among other things the writer, Roy W. Johnson, says:

"Nearly 25 years ago—December 24, 1890, to be exact—W. Atlee Burpee offered, through Printers' Ink, a prize of $50 for the 'best advertisement' calculated to bring business to the seed house of W. Atlee Burpee & Co. 'Should there be a second advertisement also of special merit,' he announced, 'we will gladly pay an additional prize of $25.'

"Now the ad which won the first prize in that contest has long ago been forgotten. As a specimen of the weird typography in vogue in those days, it stood high, indeed, and probably was worth all it cost. But the second prize—for there was a second prize, and several additional awards into the bargain—went to an advertisement which was quite modestly set around the luminous phrase, 'Burpee's Seeds Grow.' 'That piece of copy,' says Mr. Burpee, 'was submitted by Wiley B. Jones, then of Burlington, Vt. Had I known how immensely valuable his phrase was to become to the business, he certainly should have received the first prize at the very least.'

"There you have the 'origin' of one of the most successful slogans in existence. But in the humble opinion of the present writer, Mr. Burpee should have awarded an extra-special-first-prize to himself as the man who first recognized the value of the phrase. The ordinary individual would have passed over it as merely a commonplace statement of fact. 'What does Mr. Burpee expect his seeds to do; sing and dance?' asked H. C. Brown, then editor of a publication called Art in Advertising. And a certain competitor with a fine sense of sarcasm (though as much can hardly be said of his advertising sense) devoted some half-dozen lines of perfectly good advertising space to the headline, 'Weed Seeds Grow.' Sometimes the make-up man would rise to the occasion by placing the 'Weed Seed' copy directly beneath one of Mr. Burpee's ads—which did not worry the latter gentleman in the least.

"There were a few years during which Mr. Burpee worded the slogan thus: 'Burpee's Seeds Grow, and Are the Best that Grow.' 'You will notice,' he said, 'that that expression is free from the vulgarity of claiming that Burpee's seeds are the best seeds. It only states that they are the best that can be grown.' But for many years now the slogan has been used in its simple, unequivocal form. After all, there is nothing further that one wants to know about seeds.

"And when all is said and done, that plain, unostentatious, and apparently commonplace slogan is quite typical of the Burpee business, and of the man who is its active head. There is very little of the spectacular, and absolutely not a trace of the sensational, to be found in the selling methods of the concern. One who is used to the high-pressure system of running a business so as to make the market yield every last order it is possible to obtain, would doubtless feel that a good many opportunities were being overlooked. He probably would want to 'key-up' the organization the first thing, and he probably would succeed in creating the atmosphere of feverish activity. But whether or not it would result in more actual business is another question.

"For be it known that Mr. Burpee is one mail-order man who does not believe in follow-up. For years he has advertised that his customers will not be troubled with follow-up literature, and it is literally true.

"'In this business', says Mr. Burpee, 'forced sales are like forced plants—you can raise them, but the natural growth is better. It is easy to overpersuade a man to buy a few packets of seeds, but it isn't the seeds he really wants—it's the product of the seeds. The price of the seeds is infinitesimal compared with the value of the expected crop. But suppose the crop doesn't materialize as he expects. Suppose he plants the seeds too deep (as most inexperienced gardeners do), or that he puts them under an eavespout, or on the south side of a brick garage where they are never watered. Will he justly charge the crop failure to his own carlessness? No, he will blame the seedsman who overpersuaded him to buy. Naturally enough, too, you must admit.

"'But, on the other hand, if he received only a straight-forward statement of what may reasonably be expected, from a house in which he has confidence, he is more apt to conclude that the trouble was at his end of the line. In other words, if he has been sold partly against his will, he will be resentful, while if he has sold himself, so to speak, we are likely to hear from him again.'

"In the present writer's opinion, you have there the whole selling philosophy of the Burpee business. It certainly doesn't harmonize with many of the most modern ideas; it would spell stark ruin for the manufacturer of washing machines and typewriters; it wouldn't do for a dealer proposition. But Mr. Burpee has made a conspicuous success with it, and if the resulting good will of thousands of consumers was slow in the building, it is just that much harder for competitors to tear it down.

"So it practically comes down to this, as Mr. Burpee put it: 'The catalogue must sell the goods.' The catalogue is a mighty important item in any mail-order business, but it is particularly important here because it has borne practically the whole burden of making sales. So important is 'The Silent Salesman,' as the Burpee catalogue is called, that Mr. Burpee has always written the text himself, and the descriptions of the 6,000 odd varieties contained therein are exclusively his own."

Window Box Litigation.

A writ of mandamus was filed in the superior court, June 11, by L. L. Reid to compel Gustave Freiwald, owner of an apartment building at 4159 Drexel avenue Chicago to allow him to put a flower box on his front porch. Reid recites he has obtained the box had it filled by a florist and employed a carpenter to insert hooks to hang it on, but Freiwald objects. He can find nothing in his lease, he says, prohibiting gardens.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—By good saleslady and designer; can furnish the best of references. Address Key 527, care American Florist.

Situation Wanted—Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address Key 529, care American Florist.

Situation Wanted—Specialist in roses carnations, 'mums, pot plants and general greenhouse stock; also first-class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter. Key 504, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address Key 525, care American Florist.

Situation Wanted—By young man, first class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address Key 508, care American Florist.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower, principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish, American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—Saleslady and designer for Chicago loop store. Address Key 521, care American Florist.

Help Wanted—Man that can do painting and glazing; several months' work. Address immediately, T. L. METCALFE, Hopkinsville Ky.

Help Wanted—A grower with commercial experience, married man, small family. Salary $700.00 to $800.00 per year and quarters.
A. T. ERWIN, Iowa State College, Ames, Ia.

Help Wanted—Two single young men to grow chrysanthemums and other pot plants. Must understand the business thoroughly, and take charge. State salary and experience.
METAIRIE RIDGE NURSERY CO., LTD.,
New Orleans, La.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address Key 523, care American Florist.

For Sale—By July 15, 1915, to close up an estate, a greenhouse stock of plants now located at Danville, Illinois. For particulars address
MRS. H. P. PHELPS, Princeton, Ill.

For Sale or Lease—Eight greenhouses, five acres of land; an old established retail business; an excellent proposition for young hustlers.
JOHN N. BOMMERSBACH, Decatur, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address Key 513, care American Florist.

For Sale—Retail flower business. Good opportunity for live wire, either lady or gentleman. Increased 50% over last year. Low rent. Best flower town in country. Address Key 528, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Sale—Greenhouse with office; about 5000 square feet of glass, nearly new; including 5 room house; with 215 feet front by 175 feet deep. Well stocked; near 5 cemeteries where most of the stock is sold. Electric cars pass the office every ten minutes. Heated by hot water system. Reason for selling; owner retiring. Address
2248 S. Meridian St., Indianapolis, Ind.

FOR SALE

A range of 25,000 square feet of glass with 3 acres of land. Modern 7-room dwelling, well furnished. Greenhouses well stocked. An established local trade. Reason for selling, ill health of the head of the firm. For terms and further particulars, call or write.

JOHN M. HUNTER & SON, Englewood, N. J.

FOR SALE

The Polland Floral Co. greenhouse and properties of Cedar Rapids, Iowa. Appraised at $5,053.00, will be sold at public sale July 6th 1915, at 10 a. m., on the premises. Successful bidder to put up certified check of $1,000.00. Finest new greenhouses, best location. For particulars write
W. J. GRUNEWALD, Receiver,
209 A Avenue West, Cedar Rapids, Iowa.

FOR SALE.

Floral and landscape gardening business on Massachusetts South Shore, catering to high-class summer population of 5000. Greenhouses comprising over 15000 sq. ft. glass; 2 acres land; large modern house; 2 minutes from station. $5000 cash, balance easy terms. Good chance for live man to extend business. Established 20 years. Apply
Scituate Greenhouses, Scituate, Mass.

ROSE GROWER WANTED

Must come well recommended.

SINNER BROS.
158 North Wabash Avenue, CHICAGO

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

FOR SALE
MAIL ORDER SEED BUSINESS

A large Eastern **MAIL ORDER SEED HOUSE** will sell their entire business, consisting of mailing list of over **350,000 Live Names,** Seed Stock, Printing Matter, Catalogue Cuts and full office and seed equipment. FIRM is INCORPORATED and established number of years. Doing business throughout the UNITED STATES, CANADA and FOREIGN COUNTRIES.

Ill health and private business are reasons for selling.

Business can be removed from present city if necessary.

Any man, men or firm interested in an old established Seed Business, and with sufficient capital, should interest themselves in this business, which can be bought for less than half what it cost to bring it to its present condition. FIRM will CORRESPOND WITH AND SEE PARTIES ONLY who show a desire to purchase such a business. Never a better time to enter the Mail Order Business than now. ADDRESS KEY 530, CARE AMERICAN FLORIST.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

American Florist Co., 440 S Dearborn St., Chicago

Milwaukee.

TRADE RATHER QUIET.

Business has been rather quiet the past week, but the season as a whole has been very satisfactory and none of the wholesalers are complaining. Stock of all kinds is very plentiful but of good quality, especially carnations, which are unusually fine for this season of the year. Peonies are plentiful and very choice home grown stock is being offered. Sweet peas are arriving in good supply and some fancy snapdragons are among the offerings. Roses are especially fine and some choice Mrs. Chas. Russell, Ophelia, Killarney, White Killarney, Killarney Brilliant, Sunburst and Richmond are to be had. A few Hoosier Beauty are now included in the rose shipments and will make a reputation for itself in the market as the roses Mrs. Chas. Russell and Ophelia did last season. Graduations and weddings have called for a good supply of stock, but trade in general is rather quiet.

NOTES.

Holton & Hunkel Co. is cutting a few Hoosier Beauty roses and it looks like H. V. Hunkel has again picked out a winner, for the stock is all that one can desire and he is confident that this variety will soon become as popular as Mrs. Chas. Russell and Ophelia. They are growing 20,000 Mrs. Chas. Russell, 8,000 Ophelia and quite a number Hoosier Beauty in addition to the old standard varieties, and now have a fine variety for the purchaser to select from. Business has been very good all season in the cut flower department and the same holds good in the plant line. The demand for Boston ferns has been exceptionally heavy this year and they are entirely sold out in this line, which is the first time this has happened so early in the season for a number of years. A large importation of palms has been received and the stock came through in better shape than ever before. Fred Holton made a trip to Racine, June 19, returning the same evening.

Miss Gladys Ennis, daughter of Mrs. Ennis, of the Wisconsin Floral Co., will be married to Dr. Thomas Howe, of Darlington, Wis., at St. John's cathedral, Wednesday, June 30. A reception will be held at the Wisconsin Hotel immediately after the ceremony and then the young couple will leave for the east where they will spend their honeymoon. Mrs. Ennis had the misfortune of slipping on the sidewalk in front of the Blatz hotel and injuring her hip, and while she has suffered considerable pain and was confined to her home for several days, no serious results are expected, and it is very likely she will be able to be about again in a few days. M. H. Moore is in charge at the store and is ably assisted by Henry Ischem, formerly with the L. Bemb Floral Co., Detroit, Mich.

C. C. Pollworth Co. says that the bedding plant trade this year was a hummer and everything in this line sold well at good prices. Mr. Pollworth reports a brisk demand for Boston ferns and a grand clean-up in all the salable sizes. A large importation of palms has been received and the stock arrived in the best possible condition and much better than ever before. This firm is cutting some very choice orchids and one spray carrying eight large cattleyas attracted much favorable attention at one of the leading retail stores, where is was on exhibition last week. C. J. Gutbrod, one of the popular young employes of this firm, and Miss Adella Patzke, were married recently, which accounts for his being so unusually good natured of late.

Nic Zweifel is having a glorious time with his new Cadillac "Eight" since he sold out his greenhouse establishment, consisting of 70,000 square feet of glass at North Milwaukee, Wis. He has been in business here since 1893 and his many friends are pleased to hear that he will continue to be a member of the Florists' Club, for they do not wish to part company with him just yet, for he is a pretty agreeable chap, and, to our knowledge, has not a single enemy in the whole trade. Gruenwaldt Bros., the new proprietors, are now in possession of his place and will consign their stock to Holton & Hunkel Co., as Mr. Zweifel did while he was conducting the place.

Gust Rusch & Co. are showing a large supply of fine roses in all the leading varieties, including Mrs. Chas. Russell. Business has been as good as can be expected, is the report at this house and the proprietors have no cause whatever to complain. Frank Deventhal is building a new summer cottage at the lakes, where he and his family will spend the summer. Mr. Rusch regrets to lose the services of his able saleslady, Miss Voelzke, who resigned her position to go into the retail business for herself, but wishes her all the success that Dame Fortune may bestow upon her.

Currie Bros. Co. are now comfortably located in their new store at 384 East Water street and report business as very good, especially in the seed department, which has shown a large increase since they have moved. The cut flower department is also very busy and no great change has been noticeable in the receipts, and, taken all in all, it appears as if the change will be very beneficial, for the location is an ideal one and the entire business is now concentrated under one roof. Roy Currie is getting ready to spend his spare hours at the lakes, as is his custom each year.

Miss Ella Voelzke, formerly with Gust Rusch & Co., has opened a new retail store at 3802 Lisbon avenue, and has the best wishes of her many friends in the trade for every success in her new undertaking. Her first order consisted of a handsome casket cover booked the opening day, Saturday, June 19.

The Baumgarten Floral Co. is well pleased with the business that it has enjoyed since they moved from Grand avenue to their present location on Mason street. Mrs. Baumgarten is ably assisted at the store by her son, H. Baumgarten, who takes to the florist business like a duck does to water.

J. M. Fox & Son are very busy with graduations and weddings this week and business is as good as can be expected. This firm always carries a nice supply of stock, serves a high-class trade and has as neatly a kept store as one can find anywhere.

Louis Manos, with Nohos & Co., reports that his wife is slowly recovering from her recent illness, but is still quite sick. She has been ailing for the past three months and for a time fears were entertained for her recovery.

Dan Lubliner says that trade has been quite good at his Grand avenue store, notwithstanding the unfavorable weather conditions which have prevailed here the past week.

Walter Kennicott, of Chicago, was here on a business trip this week. He denies the report that he is going to plant several hundred acres to peonies in this vicinity.

Miss Volmer, of the Loveland Floral Co., says that there has been a good call for flowers for graduations and weddings the past week.

N. J. Rupp, of the John C. Moninger Co., Chicago, and daughters, Elsie and Clara, are spending a few days here this week.

Gustave Pohl is still cutting a good supply of choice sweet peas.

Minneapolis, Minn.

MARKET HOLDS UP WELL.

The market the past week has been very good, with stock not quite up to standard, owing to dark and cloudy weather. Peonies are very plentiful, selling at all prices from 50 cents per 100 upward. Festiva maxima, fancy stock, brings $5 to $8 per 100, but most of the stock shows effects of the frost. Roses are holding up well, except Richmond, which either come in too wide open, or with close, dark buds which do not open. Sweet peas are getting very poor and the end is in sight with most growers. Carnations are still very good and bring $1.50 to $3 per 100. Shasta daisies, bachelor buttons and pansies are coming in fine.

NOTES.

The local florists' club called a special meeting, June 15, and appointed the following committee to meet the St. Paul florists and arrange for a picnic the latter part of July: W. D. Desmond, chairman; Arthur S. Rice, Gust. Malmquist, C. G. Anderson, Oscar Carlson and C. N. Ruedlinger. The St. Paul florists held a special meeting June 18 and appointed their committee, who will meet at Rice Bros. June 22 to arrange date, etc.

The florists' baseball team had a fast game Sunday, June 20, with the Wayzata team; score, 14 to 8 in favor of the florists. The main feature of the game was the base running of John Rovick, who made four runs. Miller pitched a fine game and Tom Rogers was umpire. The boys expect to be in good shape for the game with the St. Paul team at the picnic.

Wm. Desmond has moved the floral department in L. S. Donaldson & Co.'s store back to the old location on Nicollet avenue. They have enlarged the space for ice boxes, work room and coolers down stairs, which is a great improvement.

W. H. Bofferding is busy with his plant and seed business; tomato plants are again in demand, as they have had to be replanted three times owing to frost.

Wm. Holmes has severed his connection with Dayton's department store and devotes his time to his Seventh street place.

Hugh Will and R. A. Latham have been on a fishing trip the past week, and fishing must be good, as they have not returned.

C. N. Ruedlinger has a large force of men and teams at work grading the grounds of the Pro-Cathedral.

W. D. Desmond has purchased a bungalow at Anoka and expects to grow perennials in quantity.

Carl Christiansen, Chicago, accepted a position as rose grower with the Minneapolis Floral Co.

The Minneapolis Floral Co. is sending in some fine Easter lilies, which find a ready market.

Max Hosacker, of the Hiawatha Gardens, of this city, is sending in some fine roses.

Rice Brothers are getting in some very good fancy ferns of the new crop.

Hans Rosacker has about completed planting his new range with roses.

H. B. Whitted has had several wedding decorations in the past week.

Eldredge Floral Co. is putting out a lot of peonies at special prices.

Samuel Cargill has some fine Teddy Roosevelt, Jr., ferns.

Visitors: A. Currie, of A. Currie Co., Milwaukee, Wis.; Harry Balsley, of the Detroit Flower Pot Co., Detroit, Mich.; A. Plemen, of Plemen Floral Co., Staples, Minn.

T. R.

THE

CHICAGO FALL SHOW

To be held under the auspices of

Horticultural Society of Chicago

and the

Chicago Florists' Club

at the

COLISEUM

Nov. 9=14

INCLUSIVE

Space for Non-Competitive Trade Displays of Plants, Flowers, Bulbs, Seeds, Supplies and Appliances should be Reserved without Delay. Rates on Application to the Secretary.

EXECUTIVE COMMITTEE:

A. HENDERSON, Chairman

N. P. MILLER, Secretary
179-183 N. Wabash Ave., Chicago

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Guarantee Fund $10,000.00

POEHLMAN

72-74 E. Randolph St.,

SUMMER FLOWERS

Excellent Stock --- Specially Grown for Summer Months.

BEAUTIES--VALLEY--ORCHIDS--EASTER LILIES
RUSSELL-HOOSIER BEAUTY-OPHELIA-HADLEY.

A large crop of SMILAX ready to cut, long heavy strings for decorating.

CURRENT PRICE LIST. In effect June 28.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$3.00
36 inches long	2.50
30 inches long	2.00
20 to 24 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

MRS. CHAS. RUSSELL.

	Per doz.
36 inches long	$ 2.50
30 inches long	2.00
20 to 24 inches long	1.50
15 to 18 inches	per 100, $6.00 to 8.00
Short	per 100, 3.00 to 4.00

State lengths when ordering Russell and Beauties

	Per 100
OPHELIA	$4.00 to $6.00 to $10.00
HADLEY	4.00 to 6.00 to 10.00
HOOSIER BEAUTY	4.00 to 6.00 to 10.00

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100
Extra long	$10.00
Long	8.00
Medium	$4.00 to 6.00
Short	2.00 to 3.00

KILLARNEY, WHITE KILLARNEY, WARD.

	Per 100
Extra long	$10.00
Long	$ 6.00 to 8.00
Medium	4.00 to 5.00
Short	2.00 to 3.00

CECILE BRUNNER or SWEETHEART ROSE
Per 100 ..... $2.00

When ordering Roses, state grade mentioning either short, medium or long Not responsible for errors when grade desired is not specified.

Extra special roses charged accordingly.

CATTLEYAS ..... per doz., $4.00 to $5.00
GARDENIAS ..... per 100, 2.00 to 3.00

LILY OF THE VALLEY.

	Pe
Fancy	$
2nd	
3rd	

CARNATIONS, fancy, per 100, $
Medium ..... "
Split ..... "

MISCELLANEOUS CUT FLOWERS

Sweet peas (common)	$0.75 to $
Sweet peas (Spencer)	
Lilies	10.00 to 1
Peonies	4.00 to
Daisies	1.00 to
Field Daisies	per 1000, 1.00 to

MISCELLANEOUS GREEN GOODS

Mexican Ivy	$
Smilax	doz. $2.00
Sprengeri and Asparagus Sprays	$3.00 to
Asparagus Plumosus, per string	60c
Adiantum	1.00 to
Galax (bronze)	per 1,000 $
Ferns, new crop	per 1,000

Florists' Supplies

French Baskets

24 inches high	$0.60 each
26 " "	.75 "
30 " "	1.00 "

SPECIAL

No. 2 Gauze for Shower Bouquets.

10 yards	per bolt,
10 yards, Valley Chiffon, pink and white	per yard,

All Paints and Galvanized Materials W Advance Considerably in Price.

GET YOUR SUPPLY EARLY.

Rose Stakes, Glazing Material, Putty Bulbs, Liquid Put White Paint, Anderson's Daylite Cleaners.

N BROS. CO.

ıg Distance Phone, Randolph 35. **CHICAGO, ILL.**

Bedding Plants.

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
rnantheras, red and yellow. and **Brilliantissima**	$ 2.50	$23.00
sum, Sweet, 2¼ in	2.50	20.00
ratum, Blue Dwarf, 4 in	8.00	
onias, Luminosa and Vernon for bedding, 2¼ in	2.50	
in	5.00	
nia, Chatelaine, 2¼ in	3.50	
in	8.00	
in	15.00	
ıea Scandens, 4 in., 1.50 per doz.		
us, in variety, 2¼ in	2.50	
in	5.00	
diums, Fancy Leaved (Summer delivery) 5 and 6 in. pots. 35c, 50c, 5c, $1.00 and $1.50 each.		
y Miller, for border, 2⅛ in	2.50	23.00
Geraniums, strong, 3 in	5.00	
in	8.00	
lias, for Bedding & Hang. Baskets.		
lias, Speciosa, Crystal Palace and Bedding Queen. 2¼ in	2.50	22.00
lia, Cathleen Mallard (double)	$ 3.00	
igold, double, 3 in. pots	5.00	
in. pots	8.00	

	100	1000
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in	3.00	
3 in	5.00	
Phlox Drummondi, all colors, 2¼ in	2.50	23.00
3 in	5.00	45 00
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Salvia, Bonfire and Zurich, from cuttings, 3 in	5.00	
4 in	8.00	
Smilax, strong new stock, 2¼ in	2.50	23.00
3 in	6.00	50.00
Torenia Fourneri. Blue, 2½ in	2.50	
3 in	5.00	
Verbenas, all colors, 2¼ in	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**
Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 35c each. 5 in. at 50c to 75c each.

Pandanus Veitchi, highly colored, 4-in., 50c; 5-in., 75c; 7-in., $1.50; 8-in., $2.00; 10-in., $4.00 each.

Araucarias, Robusta Compacta, large plants, $2.50 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

English Ivy, strong stock, 20c to 35c each.

100,000 CANNAS

King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissott, Mrs. Kate Gray, Queen Charlotte.
Extra strong plants. 3 in., $5.00 per 100. 4 in., $8.00 per 100; $75.00 per 1000.

	per 100	per 1000
Asparagus Plumosus, 2¼ in	$ 3.50	$30.00
3 in	7.00	65.00
4 in	12.00	115.00

Sprengeri and Boston Hanging Baskets for June and July, $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

GRAFTED AND OWN ROOT ROSE PLANTS

estern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-inch, at $100.00 per 1000.

Killarney, Hadley, Shawyer, Cecile Brunner
rney Brilliant, Bulgarie, Richmond
Mrs. Chas. Russell, $130.00 per 1000.

Own Root, 2½-inch, at $55.00 per 1000.

arie, Hadley, Milady, Richmond

Grafted, 3½-inch, at $140.00 per 1000.

Killarney Brilliant, Hadley, Milady, Bulgarie, Cecile Brunner

Own Root, 3½-inch, at $90.00 per 1000.

Pink Killarney, Hadley, Milady, Cecile Brunner, Bulgarie, d'Arenberg

15,000 Fine 3-inch Beauties, $90 per 1000 while they last.

CHRYSANTHEMUMS.

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Marvella French, late white	$8 00	$70 00
Pauline Anderson, late yellow	8 00	70 00

th these varieties scored 94 points by judges he Chrysanthemum Society of America, at ago, and both scored 95 points by the judges he Minnesota State Florists' Association, at neapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Chrysolora	2 50	22 00	3 00	27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

EASTER LILIES

WE ARE HEADQUARTERS FOR YELLOW ROSES.

Exceptionally Large Crops of Yellow Roses and Ophelia. Choice Stock in All Lengths.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems	$3.00
Extra long stems, seconds	1.00
30 in. stems	2.00
18-24 in. stems, New Beauties	$1.00 to 1.50
Shorter lengths	per 100, $3.00 to $6.00

Russell	Per doz.
Extra long	$1.50
Good medium	$0.75 to 1.00
Short	.50

Ophelia, Rhea Reid, Bulgarie and Shawyer	Per 100
Extra long	$6.00 to $8.00
Medium	4.00 to 6.00
Short	3.00

Cecile Brunner.....per bunch, 25c

White and Pink Killarney and Richmond	Per 100
Long	$6.00
Medium	$4.00 to 5.00
Short	3.00

Yellow Roses, Hillingdon and Sunburst	
Long	8.00
Medium	5.00 to 6.00
Short	3.00 to 4.00

Carnations	Per 100
Red, White and Pink, extra fancy	2.00
Choice EASTER LILIES	6.00 to 8.00
Extra fancy EASTER LILIES	$1.00 per doz.
LILY OF THE VALLEY	3.00 to 4.00
ASPARAGUS SPRAYS and SPRENGERI	3.00
FERNS, new Wisconsin	1000, $1.50
ADIANTUM	1.00
GALAX, bronze and green	per 1000, $1.00

ROSES in lots of 500 or more at the rate of $20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during June, July and August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STOCK OF ALL KINDS PLENTIFUL.

Stock of all kinds is plentiful and is being sold in large lots at greatly reduced prices. Trade was fairly good June 19 and June 20, but outside of these two days there was practically nothing doing, except in the shipping line. American Beauty roses of good quality are to be had at very reasonable prices and are seen featured in the window displays of nearly all the downtown retail stores. The supply of Mrs. Chas. Russell roses is very large, but is cleaning up well each day considering the general market condition and the unusually large number offered. A few Hoosier Beauty roses are being offered and are certainly fine, which accounts for them selling so quickly. Ophelia is in good supply, but cleans up well each day. Some fine My Maryland roses are being offered and are in good demand. Killarney, White Killarney, Killarney Brilliant, Richmond, Milady, Double White Killarney, Rhea Reid, Prince de Bulgaria, Mrs. Aaron Ward, Killarney Queen, Hadley, Sunburst, Lady Hillingdon and Mrs. George Shawyer are also plentiful and a good supply of the little roses Cecile Brunner and George Elgar are seen. Lilies are plentiful and that same holds good for gladioli, orchids and lily of the valley. Gardenias are in large supply and there are still plenty of peonies being offered. Carnations are seen at all the stores in large quantities and it is surprising how well the quality is keeping up at this season of the year. Sweet peas are still arriving in good supply, but have seen their best days. The department stores have been conducting special sales on roses and carnations the past week at ridiculously low prices, but the quality of the stock they handle is not to be compared with the stock that is generally offered by retail florists.

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

BEST AND CHEAPEST
ANY QUANTITY
LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

THE FALL SHOW.

At a meeting of the executive committee representing the Horticultural Society and the Florists' Club, held June 21, arrangements were materially advanced for the big fall flower show, to be held at the Coliseum, Chicago, November 9-14, inclusive. A large part of the $10,000 guarantee fund has already been subscribed. The premium list is in preparation and copies may be had on application to the secretary, N. P. Miller, 179-183 North Wabash avenue, Chicago.

NOTES.

The Atlas Floral Co., 32 East Randolph street; Mangel, the Palmer House Florist and Simpson's, 3656 Ogden avenue, had very prettily decorated automobiles in the pageant of the Associated Advertising Clubs of the World, held on the evening of June 21, when several thousand members participated. Never has this city seen a more brilliant street demonstration. Magnificent and costly illuminated floats made the lights of Michigan avenue look pale and above them all stood the watchword of the organization—"Truth."

T. D. Long, Denver, Colo., with W. N. Rudd and J. C. Vaughan, left on a Michigan fishing trip June 21.

E. A. Kanst, superintendent of Lincoln park, has been spending the week in Minneapolis, Minn.

John Poehlmann and E. F. Winterson celebrated another birthday anniversary June 21.

Wm. Lubliner spent Sunday, June 20, at Milwaukee, Wis.

HOME GROWN
PEONIES
Best Obtainable.
Everything in Cut Flowers and Greens.
O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

NICE CROPS OF ROSES

SUNBURST=MARYLAND=RUSSELL

Also choice American Beauty, Ophelia, Killarney, White Killarney, Milady and Richmond. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower. **Current Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$3 00
36-inch stems	2 50
30-inch stems	2 00
24-inch stems	1 50
15 to 20-inch stems	1 00
Short	$0.50 to 75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Per 100
Extra select	$7 00
Select	6 00
Medium	5 00
Short	$3 00 to 4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$1 50
Select	1 00
Medium	75
Short	50

	Per 100
ROSES, our selection	**$3.00**
Carnations	**$2.00 to $3.00**
Harrisii	10 00 to 12 50
Peonies	4 00 to 8 00
Valley	3 00 to 4 00
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$3 00
	35

2,000,000 Feet of Modern Glass

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

BEST QUALITY

BEAUTIES--PEONIES ROSES--CARNATIONS GLADIOLI-SWEET PEAS-ETC.

Always remember that our line of Cut Flowers and Greens is so complete that if any particular item is desired and is to be had, it is usually at our establishment. **Trade here and ride to prosperity over the easiest route. Do it now.**

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284 3283 **Chicago**

The Garland Manufacturing Co., of Des Plaines, is giving away a Garland little wonder spraying nozzle to all the growers just to get acquainted and will be pleased to mail one free to any florist upon receipt of three cents in stamps to cover postage. One of the leading growers in this vicinity says that it is just what he needed for watering his roses and that he would not be without it hereafter.

The Raedlein Basket Co., 713 Milwaukee avenue, just received another importation of sixty large cases of baskets from its factories abroad and now have enough stock in its local storerooms to supply their trade for at least another year.

The annual meeting of the stockholders of the Chicago Flower Growers' Association will be held at 176 North Michigan avenue, Tuesday, July 6, when everyone is urgently requested to be present.

E. F. Winterson and family plan on leaving for the Pacific coast about July 20.

Nils N. Emitslof, with the George Wittbold Co., left this week on a business trip through the northwestern states. Mr. Emitslof and P. W. Peterson, superintendent of the J. D. Thompson Carnation Co.'s greenhouse, are cousins.

USE Budlong's Blue Ribbon Valley.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
BEAUTIES-ROSES-CARNATIONS

N. J. Wietor's youngest son, Harry, who has been confined to the hospital with scarlet fever for the past seven weeks, was discharged the other day and is at home with his parents. Mr. Wietor says that it is surprising how well the quality of carnations is keeping up this year and that he does not remember a season when the stock in Wietor Bros.' houses looked so well at this late date as they do now.

T. H. Joy, of the Joy Floral Co., Nashville, Tenn., and vice-president of the Nashville Advertising Club, is attending the international convention of the Associated Advertising Clubs of the World here this week. Frank McCaby, of the A. L. Randall Co., who has been calling on the trade in the southern states, accompanied Mr. Joy and other members of the Nashville delegation to this city.

Allie Zech, of Zech & Mann, attended the funeral of the late A. C. Rott, well known Joliet florist, held at Bloomington, Ind., Sunday, June 20. From Bloomington Mr. Zech went to Louisville, Ky., where he called on the trade the following day, returning home Tuesday morning. Fred Ottenbacher had charge of the store during his absence.

Peter Reinberg is cutting from a good crop of My Maryland roses and Felix Reichling reports a good demand for same at the store. Very few are growing this variety in this vicinity any more, but Emil Reichling, superintendent of the greenhouses, likes it so well that the firm is growing it on a larger scale than ever this year.

A. L. Vaughan & Co. are showing a good supply of American Beauty roses at their store this week, in addition to a complete line of other stock. Mr. Vaughan is undecided whether he will spend his vacation fishing this year or make week-end trips to the Wisconsin cities in his new automobile.

H. Van Gelder, of Percy Jones, and a number of friends made a trip to Milwaukee, Wis., June 20, stopping off at Kenosha on the return trip. The party made the trip up to the Cream City in his six-cylinder Buick in four hours, which is going some.

The Fleischman Floral Co.'s large electric sign at the foot of Randolph street probably never attracted the attention of as many people in any evening as it did Monday, June 21, when the big advertising pageant was held on Michigan avenue.

Peter Weiler, of the Superior Machine & Boiler Works, says that business has been quite good this year considering the times. He is on duty every day at the shop, early and late, and manages to keep things moving in first-class shape.

The John C. Moninger Co. has received an order for another house, 36x400 feet, from the Miller Floral Co., Farmington, Utah, and an order from Cook County for four new houses, 28x150 feet, to be erected at the Oak Park Infirmary.

Mike Kronos, of Pittsburg, Pa., is visiting his brother, John Kronos, and George Manos here this week. Manos & Kronos are proprietors of the Railway Station Florists and conduct several stands at the depots in this and other cities.

Hoerber Bros. are cutting some fine Killarney roses, which are meeting with good sale at the store. Harry Manheim will be the first of the store force to enjoy his vacation, but has not yet decided upon where he will spend it.

C. D. Adams, who is operating the Palmer Greenhouses at Cherokee, Ia., visited relatives here this week. He says that the past season has been an unusually good one and that he has no cause whatever to complain of dull times.

C. L. Washburn and wife are all ready to leave on their California trip and the Bassett & Washburn store has been turned over to his able assistants who look after the welfare of the customers during his absence.

A prosperity exposition with horticultural department, to be held on the lake front in tents, commencing September 1, is being exploited. The promoters have offices at 1116 North American building.

J. Lozier, of the Kyle & Foerster store force, had a birthday party at his home June 20, when the principal guests of honor were Herbert Hansen and his charming companion, Miss Orym.

A. E. Turner, of Rosin & Turner, and R. E. Dodge, well known fern dealers of Mosinee, Wis., have returned home after booking several large orders during their stay here the past week.

Nick Korson, who has been engaged in the florist business in this city for many years, says that his present location at 29 West Washington street is the best he has ever had.

Chris. Pedersen and Mrs. Theo. Callos, who are operating the new store at 58 East Randolph street, are having the place thoroughly overhauled and installing new fixtures.

A. T. Pyfer says that trade was very good Saturday and Sunday, June 19-20, at A. T. Pyfer & Co.'s store and that everything cleaned up well at fairly good prices, considering the general market condition.

Erne & Klingel are still showing a good supply of home grown peonies that compare most favorably in quality with the general line of stock that they are offering.

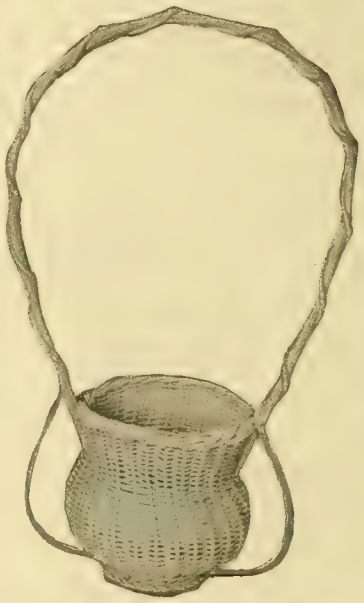
Penn, the Florist, accompanied the Boston delegation to the international convention of the Associated Advertising Clubs of the World, held here this week.

Max Auvizzus, of the E. C. Amling Co., went fishing on June 20 and got severely sunburnt, even though he did not catch any fish.

J. A. Budlong is cutting a fine supply of roses, which is the best summer crop that the firm has had in years.

F. Wolfram, formerly with A. Lange, has accepted a position with Johnson & Chronis.

BASKET BARGAIN



ASSORTMENT
25
Small Cut Flower Baskets
Including Liners
$7.50

This assortment of 25 small cut flower baskets for $7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.
713 Milwaukee Avenue
CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

USE Budlong's Blue Ribbon Valley.

Specials For June Weddings

Fancy Roses Free From Mildew---the kind that gives satisfaction---and High Grade Valley.

BESIDES ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

SUMMER BEAUTIES

Large supply of Choice Stock Grown especially for use during the hot weather season. Positively the best in this or any other market.

ROSES==CARNATIONS==PEONIES==LILIES==

VALLEY==ORCHIDS==GLADIOLI==GREENS==ETC.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

Poehlmann Bros. Co. is having a good call for the new rose, Hoosier Beauty, which is being grown on a large scale at the greenhouses this season. Mrs. Chas. Russell and American Beauty roses are also in good demand at the store, as is Ophelia, which looks like a winner. George Anderson, who has been acting as cashier at the store, and Miss Pauline Anderson, who has been employed in the office at Morton Grove, will leave soon for Minneapolis, Minn., to join their father, who is manager of the greenhouses of the Minneapolis Floral Co.

The trade here was greatly surprised to hear of the sudden death of A. C. Rott, well known Joliet retail florist, June 17. The late Mr. Rott was a large buyer on the market and had a host of friends in this city as well as elsewhere.

Visitors: John Evans, Richmond, Ind.; J. S. Wilson, Des Moines, Ia.; E. H. Trader, Uniontown, Pa.; W. G. Miller, Peru, Ind.; Roy F. Millis, with the Alpha Floral Co., Kansas City, Mo.; John Furrow, Guthrie, Okla.

PEONIES

$3.00 to $6.00 per 100.

Fancy home grown stock and positively the best value that you can get anywhere at $3.00 to $6.00 per 100. Strictly fresh and not cold storage stock.

ROSES---CARNATIONS

Orchids, Valley, Sweet Peas, Lilies and everything else that you need in Cut Flowers. Play Safe—Order Here.

CHICAGO FLOWER GROWERS' ASSOCIATION

Wholesale Growers of Cut Flowers and Plants

176 North Michigan Ave., L. D. Phone, Randolph 5449. **Chicago**

ANDERSON, IND.—The Pennsylvania R. R. Co.'s flower train set out several hundred plants on the local passenger station grounds, June 8.

DALLAS, TEX.—Two new greenhouses, 20x165 feet, and 20x100 feet, respectively, are being erected by the Sarver Floral Co. and Reed Floral Co.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Hot Weather Flowers.

Fancy Peonies—Roses—Carnations—Gladioli —Lilies—Valley and Greens Strictly Fresh Stock at Reasonable Prices at all Times. Order Here.

Kansas City.

SOCIAL FUNCTIONS STIMULATE TRADE.

This city is experiencing another rainy period which is very apt to mean a flood in this vicinity. The rains were unusually heavy and the wind has been very strong, but thus far no greenhouses have been reported damaged. Business in general has been very good with all the florists, both in funerals and decorating. Stock is coming in extra good and is plentiful, especially in roses, carnations and gladioli. There have been many parties and weddings which have kept some of the florists busy and taken some of the very best stock in the city to complete the orders.

NOTES.

H. Kusick & Co. say business is better than expected, stock coming in very fine, and is selling out readily. The roses are coming in better and gladioli are extra good, both in quantity and quality; also plenty of lilies and carnations. Supplies are selling fast. Ray Blessing has gone to Chicago on business.

Chas. Biedermann & Son report bedding stock sold well—the best spring trade the firm ever had. Their chrysanthemums are all planted; also the field outside, and they have finished potting the ferns. They have been busy with funerals and decorations, especially the latter.

W. J. Barnes had a very good week, especially in funeral work, which kept the help busy getting it out on time. Decorating was very good, he having a number of nice orders, which took a large number of plants. Pot plants sold well.

Miss J. E. Murray reports a very fine business, especially on Sundays, and is kept occupied at the store all day. She has been very busy with weddings and stage parties. Funeral work has been very good.

Geo. M. Kellogg Flower and Plant Co. reports business about the same as usual. Funeral work has been good. Geo. Brackenbery has gone to Pleasant Hill for the summer.

Alpha Floral Co. had a good week on funeral work and reports a good city business; the shipping trade was about as usual, and always keeps the force busy.

Costello, Moore Floral Co. reports business as good, especially in funeral work. This company is getting a number of hotel orders.

A. F. Barbee has planted three houses to chrysanthemums and is making preparations for the carnations.

T. J. Noll & Co. had a good week in shipping trade, and city business was good. Stock is very plentiful.

Wm. L. Rock Flower Co. reports a good week's business, unusually heavy in funerals and decorating.

Ed. N. Humfeld says he is still on the corner and thinks he is getting his share of the work.

Arthur Newell has been having good funeral orders, and reports business about as usual.

Patrick Larkin reports business about the same, with quite a run on funeral work.

Miss Lou E. Boggess says business is good, especially in funerals and decorations.

Visitors: Arnold Ringier, of the W. W. Barnard Co., Chicago; Arthur Zirkman, of M. Rice Co., Philadelphia, Pa.; M. Dysinger, of Ionia Pottery Co., Ionia, Mich.; E. C. Pruner, of Poehlmann Bros. Co., Chicago.

E. J. B.

Oklahoma City.

BUSINESS CONTINUES ACTIVE.

Although really warm summer weather is at last prevailing, the flower business continues to be quite active and more satisfactory than ever before at this particular time of the year. There has been a fairly good scattering of June weddings, many of which have called for extensive floral decorations, and funeral work has been more in demand than is usual for this part of the country. There has been some quite disastrous results owing to flooded conditions in the bottom lands, caused by the abnormal condition of the Canadian river, but fortunately none of our florists are located in districts which were affected by this unusual rise of the river. Rainfall has been abundant and the land is surcharged with an excess of moisture, which is looked upon generally as a very fortunate circumstance, considering that it is almost at the end of June. Carnations in the field are making a magnificent growth, far better than is usual with outdoor stock.

NOTES.

Mrs. Ora Hornaday, Lawton, in speaking of her Memorial day trade said that the Comanche Indians are her very best customers (she is located near an Indian reservation); they come in their wagons in the early hours of the morning and take away every available thing in plants and flowers that can be used in a cemetery, and they pay cash. Contrary to the general opinion, it must be noted that the Indians are all of them quite wealthy.

The boys in the stores are asking how they can join the Chicago delegation in journeying to San Francisco to attend the S. A. F. convention, and want particulars as to reservations, etc. Will the committee publish such information, please?

[Details of this trip, with the official special train schedule, round trip fares and sleeping car rates were given in THE AMERICAN FLORIST of June 5, pages 1026-1027.—ED.]

Some of the members of the trade expect to attend the Texas florists' meeting in Fort Worth, which takes place the first week in July.

There was a very slim attendance at the June meeting of the Oklahoma State Florists' Association.

Furrow & Co. are repainting their store and workroom; everything is going to be in white.

The Stiles Co. has just completed their chrysanthemum planting into the benches.

Mrs. Eager, of Furrow & Co., is away on a visit to Tulsa.

C. J. Bickes left on his vacation this week.

S. S. B.

Nashville, Tenn.

Much regret was expressed in floral circles at the announcement the past week of the death of W. F. Josolyne, a well known florist and landscape gardener of this city. Mr. Josolyne was a native of Scotland, but had lived for many years in this city, where he was well thought of. He was a fine landscape gardener and was employed for many years at the Centennial park, which owes much of its present beauty to his ability and planning. He also was employed by private citizens of wealth and had a fine reputation as a landscape gardener. He was past seventy years of age and left no relatives, his wife having died some years ago.

Flowers have been plentiful and trade fair. School commencements, the two decoration days and the June brides have served to keep up a good trade. Lilies are abundant and roses were never better. Trade in bedding plants has been very good.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 6784

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

WEILAND & RISCH

SHIPMENTS EVERYWHERE — GROWERS AND SHIPPERS CUT FLOWERS — IMMEDIATE DELIVERIES

154 NO. WABASH AVE. CHICAGO

PHONE CENTRAL 879

Geny Bros. furnished the bouquets for the graduating class of the city high school. There were one hundred and fifty-three graduates, about two-thirds of them young ladies, and each carried a bouquet of pink Killarney roses. The young men wore a Killarney rose bud for a boutonniere.

M. C. D.

OTTAWA, ONT.—Business is becoming normal after a very heavy demand for bedding stock, according to reports of local florists.

RICHMOND, IND.—The Advance Co. is mailing out a handsome new catalogue of its specialties in ventilating apparatus and other greenhouse appliances, profusely illustrated. This issue is a great improvement over all previous editions and considerably larger. The firm will be pleased to mail copies on receipt of postal card request.

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing.

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	$3 00
" " 36-in	2 50
" " 30-in	2 00
" " 24 in	1 50
" " 20-in	1 00
" " 15-in	75
" " 12-in	50
" Mrs. Chas. Russell	1 00@ 2 50
	Per 100
" Hoosier Beauty	4 00@15 00
" Killarney Brilliant	3 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	3 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	3 00@10 00
" Milady	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	3 00@10 00
" Ophelia	3 00@10 00
" Our selection	3 00
Carnations	2 00@ 3 00
Cattleyas, per doz.	4 00@ 6 00
Gardenias, per doz.	3 00@ 4 00
Gladioli	4 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Snapdragons, per doz.	50@2 00
Sweet Peas	75@ 1 50
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns	2 50@ 300
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy, per 1000	5 00@6 00
Plumosus Strings, each	60@ 75
Smilax, per doz.	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 35c per lb.	

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

Mention the American Florist when writing.

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

USE Budlong's Blue Ribbon Valley.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 162 N. Wabash Ave., CHICAGO

Booking Orders Now For

FIELD GROWN CARNATION PLANTS

Place your order now. Delivery will be made when you are ready for them.

THE LEO NIESSEN CO., 12th and Race Streets, PHILADELPHIA. Centre Street, BALTIMORE. 1214 H Street, WASHINGTON.

Philadelphia.

STOCK IN GREAT OVERSUPPLY.

Conditions are bad—there is a great quantity of all kinds of flowers and not nearly enough work to use them up. The quality is very good for the season, although some of the hot days of the past week passed them along too fast. The only scarce article is the red rose, which is scarce, the extra demand on account of school commencements using them up completely. For some reason the market has been flooded with Easter lilies. A great quantity was thrown on the market with the peonies and prices fell away to almost nothing. Peonies, with the exception of cold storage stock, are done. Carnations are showing the effects of the heat. They appear to be in great oversupply and are sold to the hucksters by the wagon load, so they can peddle them out two dozen for a dime. There appears to be an overstock of some kinds of plants in some lines. Crotons, splendid four-inch stock, were sold at Lit Brothers department store last week for 19c each, while hydrangeas that wholesale usually at 50 cents each went like hot cakes at 29 cents.

NOTES.

Friday, June 18, was opening day at Commodore Westcott's clubhouse at Barnegat Bay. John Burton, with five of the party, motored down, while Dr. Lane had Robert Craig, Wm. J. Gude and Geo. W. Hess of Washington in his auto. Others of the party were S. S. Pennock, George Anderson, G. C. Wilson, W. B. Westcott, W. J. Stewart, J. Burton; James Dean, of Long Island; D. T. Connor, Hugh Elbe, George Craig and Robert Kift. The Commodore's place is in fine shape and all hands enjoyed themselves hugely and came away sunburnt and satisfied.

H. H. Battles had a busy week. The Duke-Biddle wedding June 16, an outdoor affair, at which large quantities of peonies, Easter lilies, gladioli and the like were used, was one of the largest decorations of the season. Saturday last was also a busy day with Battles, he having seven weddings along with the other work.

H. C. Geiger, of the Florex Gardens, will leave Monday, June 28, for a three-months' tour of the Rockies and the coast. He will take in the exposition and visit other California points. This has been the banner year of the company; of late they have been cutting as high as 30,000 roses a day.

Coming out teas are now getting to be all-round-the-season affairs, there being several such presentations to society the past week, at which there there were quantities of flowers.

Arthur Niessen fell down stairs and broke his arm the past week, a very painful accident. He is getting along nicely, making the good one do double duty.

The M. Rice Co. has added to their force of basket workers and are getting up a wonderful stock of baskets for the fall trade.

Gladioli and outdoor sweet peas are the headliners of the Berger Brothers. Choice lily of the valley is also a feature.

Wholesale Flower Markets

	Per 100
BOSTON, June 23.	
Roses, Beauty	5 00@25 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	35 00@50 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Violets, single	40@ 60
" medium	25@ 35
Carnations	3 00@ 4 00
" select	4 00@ 6 00
BUFFALO, June 23.	
Roses, Beauty, special, doz.,	3 00
" " fancy, "	2 50
" " extra "	1 50
" " No. 1, "	1 00
	Per 100
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 6 00
" Taft	2 00@ 8 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 00@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	1 00@ 2 00
Peas	50@ 1 00
Peonies	2 00@ 4 00
Asparagus Sprengeri 35@ 50	
Ferns per 1000, 2 50	
Smilax	15 00
CINCINNATI, June 23.	
Roses, Beauty per doz. $0 75@$3 00	
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus, per bch., 25c	
Carnations	1 00
Orchids, per doz	3 00
Sweet Peas	25@ 35
Gladiolus	3 00@ 4 00
Snapdragons	2 00@ 3 00
ST. LOUIS, June 23.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
" Radiance	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	1 00@ 1 50
Orchids	20 00@35 00
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	6 00
Sweet Peas	20@ 40
Gladioli	2 50@ 3 00
Callas	6 00@ 8 00
Ferns per 1000, 3 00	

American Beauty roses, Easter lilies and gladioli were features the past week with the Leo Niessen Co.

K.

BERLIN, WIS. — Additions to the Schissler greenhouses are well under way and will be completed during the summer.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley

SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.

1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL

"The" Wholesale Florist of Cincinnati

32-34-36 East Third St. CINCINNATI, OHIO

Consignments Solicited.

Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of

Florists' Supplies

THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.

Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

PHILADELPHIA, PA.—The annual rose fete of the Pennsylvania Horticultural Society was held June 9 at Horticultural hall. Prizes from the best gardens were brought together in the show, which displayed nature at its best. The exhibition displayed blooms of outdoor roses from a number of estates in the vicinity of Philadelphia which have more than a local reputation.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88	$0.50	$0.85
No. 55	.75	1.25
No. 48	1.00	1.50

Envelopes to match (1000 to package), same price as cards.

Samples free.

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Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH
Wholesale Floral Co.

WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

USE Budlong's Blue Ribbon Valley.

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206
448 Milwaukee St., Milwaukee, Wis

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
Wholesale Florist.
C. A. KUEHN, 1312 Pine St., ST. LOUIS, MO.

Wholesale Flower Markets

Cincinnati.

BUYERS' PRICES PREVAIL.

Last week's market, taken as a whole, was a rather poor one. There was more than enough stock to go around. The demand was fairly steady, but not strong enough. Prices were and are very low, and it takes very many sales to run into money. The cut of roses coming into the market is as large as it was at the last writing, if not larger, for the first of the outdoor cuts are coming into the wholesale houses. Prices are almost strictly buyers' prices. American Beauty offerings are very fine. The first outdoor gladioli have made their appearance. These, with the greenhouse blooms, give us a very adequate supply in this line. Lily receipts are very large. They are good, but have a slow market. The first hardy hydrangeas came in during the past fortnight. Offerings in lily of the valley, orchids and sweet peas are excellent. The supply of greens is ample for all present needs.

NOTES.

The marriage of Miss Edna Ganzmiller and Frank Kyrk was solemnized Tuesday evening, June 22, at the Poplar Street Presbyterian church. L. H. Kyrk and Miss Edith F. Kyrk decorated the church with plants and lilies.

The engagement of Miss Elizabeth M. Reemelin to Roger Peterson has been announced. The date of the wedding will be announced later.

PHILADELPHIA, June 23.	Per 100
Roses, Beauty, extra	20 00@25 00
" " first	8 00@10 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Snapdragons	3 00@ 5 00
Peonies	3 00@ 6 00
Gladioli	3 00@ 8 00
Mignonette	2 00@ 4 00
Asparagus, per bunch	50

PITTSBURGH, June 23.	Per 100
Roses, Beauty, special	15 00
" " fancy	10 00
" " extra	6 00
" " No. 1	3 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00@ 3 00
" Sweetheart	1 00
Carnations	1 50
Cattleyas	40 00
Lilium Giganteum	6 00
Valley	3 00
Adiantum	1 00
Yellow Daisies	1 00
Sweet Peas	50
Peonies	2 00
Asparagus Sprengeri, per bunch	35@40
" Sprays, per bunch	35@40
Snapdragon	4 00@ 6 00

C. E. Critchell has been getting some excellent hardy hydrangeas from Thos. Windram.

H.

LORAIN, O.—Fred J. Stehle, florist, after a successful business career extending over many years, in which he has amassed a comfortable fortune, will retire.

RICE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

MILWAUKEE, June 23.	Per 100
Roses, Beauty, per doz.	2 00@ 3 00
" Killarney and W. Killarney	2 00@ 8 00
" Ward, Sunburst	2 00@ 6 00
" Mrs. Chas. Russell	5 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	3 00@10 00
Carnations	1 00@ 3 00
Lilies	8 00@10 00
Snapdragon, per bunch, 25c@50c	
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Peonies	2 00@ 4 00
Daisies	50@ 1 00

NEW ORLEANS, LA.—Herman Doescher is building a new house, 20x100 feet.

RACINE, WIS.—W. S. Jackson, florist, has made a claim against the city for $150 as the result of a collision between his auto and a fire department car.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, $6.95 — 300 Bulbs, $18.00; 1200 " 70.00

C. S. & CO. NEW YORK

1000 Pips, $15.00; 2500 " 35.00 — $7.95 Case of 500 Pips

LILY OF THE VALLEY PIPS.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

PUSH CARTS ONLY OUTLET FOR SURPLUS.

Some of the fathers and elder statesmen of the florist business in this city, who have consistently labored to keep it on a high plane, were somewhat shocked, in the past week, to see their idol fall off and land among the push cart merchants. We have no further comment except to state the facts in this matter, which were that the market was overloaded with stock, and it seemed that the only outlet for the surplus was with the street venders. Thousands of roses and carnations were disposed of in that way. They were bought wholesale for 25 cents to 50 cents per 100 and retailed at one cent each, or less for a quantity. While the situation could not promote cheerfulness among growers, wholesalers or regular retailers, it had humorous features, for the push cart men took themselves and the business very seriously. They could not have worked harder if they had been filling a "war order." We may add that it is hoped that such a situation may not again be confronted. After what is written above it is unnecessary to give minute details. Of other stocks there was also a surplus. Orchids of the best quality went down to 15 cents and 20 cents per flower; lilies to one cent per flower, though, for that matter, they have been near that figure for two weeks. Sweet peas are now arriving from the fields, but there are so many better ones from the greenhouses that the field stock is almost unsalable. The latest arrivals are great clusters of rambler roses, which are being utilized by a number of retailers in window decorations, and they can be worked in that way to advantage. Saturday, June 19, was the best day of that week. While there were no prices worthy of note, there was more activity and something nearer a clean up. While peonies are yet arriving, it is in smaller lots and their finish seems near at hand. A feature of the market is good stock of moss roses, but they have to take chances in the general surplus.

June 21.—The outlook in the wholesale district is more encouraging. While there is no increase in prices, the supply of stock is falling off. Arrivals of peonies are light. There are plenty of carnations, but the supply is diminishing. There is a scarcity of the special grade of tea roses, but the pansies and extras seem to nearly fill the bill. There is an abundance of sweet peas, but the quality is poor, being as a rule soft and mushy. American Beauties, special, range from $15 to $20 per 100; much of the inferior stock and lower grades goes cheap.

NOTES.

Victor Warendorff, of the Ansonia Flower Store, has returned from a two weeks' visit to the Panama-Pacific exposition, San Francisco, and was well pleased with what he saw. On the way out he stopped at Kansas City, Albuquerque, N. M., Phoenix, Ariz., and the Grand Canyon. He also visited Los Angeles, San Bernardino, Santa Barbara and other California points. Returning, he stopped at Salt Lake, Denver and Colorado Springs.

At the range of the Knight & Struck Co., Flushing, "The Home of Heather," the stock is in a flourishing condition. There is not only a great stock of heathers, both large and small, planted out, but also a great variety of other stock, including many hardy herbaceous plants.

At the store of David Clarke's Sons we have noted very fine and tasteful window decorations of pink and blue hydrangeas, water lilies and daisies on a background of cibotium and Boston ferns. There are fine opportunities for window display at this store, and they have been well improved.

Robert Berry, a well-known florist and landscape gardener and member of the New York Florists' Club, was in the wholesale district on June 19. He is now employed on a large private estate at Tarrytown, N. Y., and is doing well.

Siebrecht & Son, Rose Hill Nursery, New Rochelle, have incorporated with a capital stock of $10,000. The incorporators are Henry A. and Emma S. Siebrecht and Isabel S. Munroe, all of New Rochelle, N. Y.

Otto Muller, who has a range at Woodside, has bought land and is erecting three houses, each 25x100 feet, at Flushing, near the range of the Knight & Struck Co. The houses will be devoted to fern growing.

The Horticultural Society of New York will hold a show at Bronx park June 26-27.

A. F. F.

Boston.

QUANTITIES OF STOCK GO BEGGING.

Business during the past week has been very quiet. The sales on all lines have fallen off and quantities of first-class stock find no sale whatever. Carnations move slowly, prices averaging about $1 per 100. Roses were practically the only flower for which there was any call, as they seem to be the most popular for June weddings and graduations. Prices on these averaged from $2 per 100 to $2 per dozen for the best long stemmed varieties. Peonies are becoming plentiful and many are sold as low as 25 cents per dozen. Good Festiva maxima and dark pink varieties brought 50 cents and 75 cents per dozen. Outdoor sweet peas were coming from a few growers, but prices are poor as there is still a large supply of indoor stock. Yellow marguerites continue to sell fairly well, considering how the quality has decreased. The prices on these run from 50 cents to $2 per 100. All told, market conditions are not as they should be, but with the coming graduations, commencements and weddings, a brighter aspect is hoped for.

NOTES.

The death of August Gaedeke, of Nashua, N. H., which is recorded in our obituary columns, this issue, was a shock to his many friends in the Boston trade. For many years Mr. Gaedeke was the leading florist of Nashua and was held in high esteem by all with whom he had occasion to transact business, as well as his host of friends.

Mrs. M. Flood, Woburn, Mass., is marketing some very fine peonies in addition to a good crop of Asparagus Sprengeri and plumosus. Her Festiva maxima are remarkable for their size and created quite a sensation at the peony exhibition.

Mrs. E. M. Gill, Medford, Mass., received many congratulations upon her display of peonies at the show, June 19-20. Mrs. Gill has passed her eighty-fifth birthday and has been a competitor at exhibitions for the past half century.

Maun Bros., Randolph, Mass., are marketing a large crop of outdoor Spanish iris and bachelor buttons. About 1,000 irises a day are being shipped to the Flower Exchange.

Walter Holden and Louis Small returned from their fishing trip in Maine well tanned and smiling, with reports of a great trip—90 salmon and 50 trout caught by them.

George Barr, son of John Barr, South Nateck, Mass., is being congratulated on the arrival of an eight and one-half pound boy into his family.

The failure of Sidney Hoffman created quite a sensation last week. His total liabilities amounted to $65,000.

F. L. W.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

OFFICIAL S. A. F. **Shipping Labels**

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones 1664 Madison Square, 1665 Madison Square, 34 W. 28th St., New York

Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Paul Meconi

Wholesale Florist

55-57 West 26th Street

NEW YORK CITY

Telephone: 3864 Madison Square.

Rhode Island Horticultural Society.

The largest June flower exhibition ever held by the Rhode Island Horticultural Society was staged in the Narragansett hotel ballroom June 16 and remained on view until 10 p. m. that evening. The large hotel ballroom was turned into a bower of flowers with a large bank of palms in the center of the room. The sweet peas, roses and peonies shown were in splendid condition, while an unusual display of orchids, shown by Edgar Nock, were to be seen. Almost every conceivable flower in bloom at this time of the year was on display.

Among the masses of bloom, room was found for many varieties of vegetables and fruit, including strawberries of extra large size.

The judges this year were Edward Brooke, of T. J. Johnson & Co. and John Marshall, of the Fruit Hill Greenhouses. An unusual feature was a demonstration of basket and bouquet making, by Mr. Rogers, of Penn the Florist's staff, Boston. The committee in charge consisted of Eugene A. Appleton, Joshua Vose, of Pontiac; Arthur Sellew, Cornelius Hartstra, and Dr. H. W. Heaton. The officers of the society are Dr. H. H. York, president; Harold Madison, treasurer, and Ernest K. Thomas, secretary.

The exhibits were many and varied, and came from all parts of the state. Outdoor roses were shown in large numbers by amateurs and the varieties were many. Basket arrangements, both by the professionals and amateurs, were on view and made a good showing. The individual displays were all extra fine and the show was a great success. H. A. T.

READING, PA.—The Rosedale Floral Co. has taken over the business of E. H. Beers & Co. Harrison B. Beers will remain with the firm as general manager.

SAN FRANCISCO, CALIF.—The horticultural exhibit of the state of Oregon has been awarded the gold medal of the Panama-Pacific exposition in close competition.

SPRINGFIELD, O. — Some of the big plant firms here are reported several weeks behind in filling their orders, business being unusually heavy in May and June.

LITTLE ROCK, ARK.—The flower department of the Gus Blass dry goods store has been refitted with new counters, cabinets and refrigerator and is again ready for business.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Wholesale Flower Markets

	NEW YORK, June 23.	Per 100
Roses, Beauty, special		15 00@20 00
" " extra and fancy		6 00@ 8 00
" " No. 1 and No. 2		50@ 1 00
" Alice Stanley		1 00@ 8 00
" Prince d'Arenberg, special		4 00@ 5 00
" Francis Scott Key, special		6 00@ 8 00
" Mrs. Geo. Shawyer, special		3 00@ 4 00
" " " extra		2 00@ 3 00
" " " No. 1 & No. 2		25@ 50
" White Killarney, special		3 00@ 4 00
" Killarney, My Maryland... special		3 00@ 4 00
" " No. 1 and No. 2		50@ 1 00
" " Queen		50@ 5 00
" " Brilliant		50@ 5 00
" Aaron Ward		50@ 6 00
" Richmond		50@ 4 00
" Sunburst		50@ 5 00
" Taft		50@ 5 00
" Milady		50@ 5 00
" J. L. Mock		50@ 6 00
" Hadley		1 00@ 8 00
" Ophelia		1 00@ 6 00
" Mrs. Chas. Russell		1 00@ 8 00
Carnations		25@ 1 00
Cattleya Orchids, special		15 00@20 00
" " inferior grades		10 00
Lilies, Longiflorum and Harrisii		1 00@ 1 50
Lily of the Valley		1 00@ 2 00
Adiantum Croweanum and Hybridum		50@ 75
Asparagus Plumosus	doz. bchs.	1 50@ 2 50
Smilax	doz. strings.	1 25@ 1 50
Sweet Peas, per doz. bunches.		25c@35c
Peonies, special	per doz.,	15c@25c
Gladiolus	per doz.,	25c@35c
" America	" "	50c@75c

United Cut Flower Co., Inc.

WHOLESALERS

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments

GEORGE J. POLYKRANAS, Manager.

Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Mention the American Florist when writing

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones 798 and 799 Madison Square.

Orchids, Roses, Carnations, and all the other best products of the leading growers. Consignments solicited.

Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square.

Mention the American Florist when writing

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

Mention the American Florist when writing

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade, at Wholesale.

TELEPHONES MADISON SQUARE 1519-5893

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Mention the American Florist when writing

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET

NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing

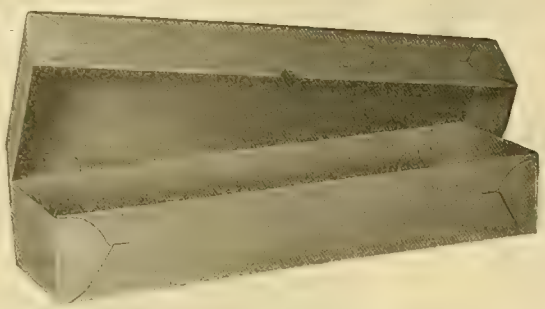
WHOLESALE FLORISTS

A. L. Young Co.

54 WEST 28th ST. NEW YORK

Consignments Solicited

Mention the American Florist when writing



YOUR flowers will look better if you deliver them in **SEFTON FLOWER BOXES.**

Get the advertising value of a smart looking package; we can supply you with the best boxes made in almost any non-fading shade of board.

Ask your paper jobber.

You ought to have our Catalogue, also price list and samples; sent on request.

THE SEFTON MFG. CO., 1331 W. 35th Street, CHICAGO, ILL.

Cleveland.

ENORMOUS DEMAND BUT SUPPLY COLOSSAL.

The orders for commencements the past week created the usual good demand for flowers, and coupled with weddings and funeral work, the amount of flowers used, was enormous; nevertheless, it could not keep up with the supply, which was colossal. There is a heavy glut at present of nearly all cut flowers, both indoor and outdoor stock. Of the former, roses, carnations and Easter lilies are the most plentiful, with also a heavy supply of nearly every other kind, the only exception being in lily of the valley, and this stock was about equal to the demand. Sweet peas, snapdragons, calendulas, gladioli, daisies and irises fill the tables of local wholesalers. The outdoor stock is just about as plentiful and as varied; colored water lilies, phlox, lakespurs, peonies, Shasta daisies and coreopsis are only a part of it, and we must not forget the cold storage stock, especially peonies, of which there are quite a few. New fancy ferns are now on the market with other greens also plentiful. Orchids are plentiful, and stock is exceptionally fine.

NOTES.

H. P. Knoble, F. A. Brown and H. Kohankie of Painesville, Ohio, were judges of the Garden Club show, June 17. This is a private show, and different from the Plain Dealer garden contest. Only millionaire private gardeners exhibited and stock was the best he had ever seen reports Mr. Brown.

The J. M. Gasser Co.'s wholesale store will move to their new quarters on Huron road, between Second and Fourth streets, as soon as completed. The building is being remodeled to suit the flower business, and will be modern in every way.

We regret to announce the death of Henry L. Sontag, aged 74 years, one of the oldest florists in Cleveland. He died at his residence, 2515 East 83rd street, on June 17. His body was cremated Saturday afternoon, June 19.

Twenty flower girls will strew roses in the path of the bride and groom at the united market square carnival wedding, June 24 at the West Side carnival. H. P. Knoble is chairman of the carnival association.

Mrs. Rigo, of 2701 Lorain avenue, has moved her store two doors north on Lorain avenue, a much better store.

Abe Wax, better known as "Boston," has two lady clerks who assist him in selling flowers on the avenue.

The Ladies' Florist Club gave a banquet at the Hollenden on Monday evening, June 21. C. F. B.

SALISBURY, MD.—George H. Benedict is erecting a house, 60x150 feet, which, when completed, will be devoted to chrysanthemums exclusively. He has four other houses in operation devoted to roses, carnations, sweet peas, violets and ferns.

National Florist

National Floral Corporation wants ONE progressive retail florist in each city to act as its representative. Our unique **sales creating plans** will please you. Write now for booklet giving interesting details.

National Floral Corporation

220 BROADWAY, NEW YORK, N. Y.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.

1302-1308 W. Division St., CHICAGO

GALAX--LEUCOTHOE

New crop now ready. We are situated in the heart of the Galax section and can furnish you the very best stock. If you cannot get our stock from your jobber write us for prices We can make it to your advantage to deal with us. Demand our greens and you are assured of the best the market affords at all times.

MT. MITCHELL DECORATIVE EVERGREEN CO., MARION, N. C

Warren Point, N. J.

Hitchings & Co. have just finished, for Stein Brothers, a house 48x207 feet which will be planted with chrysanthemums. This gives them a glass area of about 30,000 square feet. Sweet peas and chrysanthemums are their principal products.

Michael Weinreither has a number of good houses and grows a quantity of stock, such as pansies and chrysanthemums, in frames. He also has quite a business in bedding plants.

A. F. F.

Tarrytown, N. Y.

Everything about the elegant new store of F. R. Pierson is in keeping with up-to-date methods. In the greenhouses we noted an immense stock of the various ferns that are the staple product of this range and we may add have made the name of the originator famous in the horticultural world.

A. F. F.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.

High Grade Floral Publicity.

224 So. Michigan Ave., Chicago, Ill.

Mention the American Florist when writing

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) $2.50 per case

Fancy Ferns	per 1000, $1.25
Dagger Ferns	per 1000, 1.00
Natural Moss	per bag, 1.75
Perpetuated Moss	per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

LYRATA $2.50 Per Case

Fancy Ferns	$1 25 per 1000
Dagger Ferns	1 00 per 1000
Natural Moss	1 75 per Bag
Perpetuated Moss	3 50 per Bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. Ltd. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS

Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. Operate Rochester Greenhouses.

ROSS BRAGG, Florist,

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For Rhode Island and Connecticut

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Mention the American Florist when writing

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Flowers for all Occasions.

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611 FIFTH AVE., COR. 49TH STREET.

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TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

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FLORISTS

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Telephone 2065-2066 Madison Square.

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To out-of-town florists We are in the Heart of NEW YORK

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market

Members of Florists' Telegraph Delivery Ass'n.

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.:.:.FLOWERS.:.:.

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Anderson service means fresh, sturdy stock, and prompt deliveries in Buffalo, Lockport, Niagara Falls and Western New York.

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Established in 1883.

Greenhouses and Nurseries in Riverdale.

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Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

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We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

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Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

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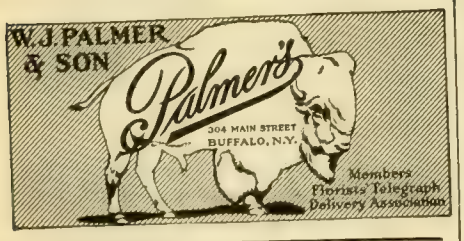

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Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weber, F. H., St. Louis, Mo.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
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High Grade Cut Blooms.

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Orders taken for **FLOWERS.** Delivered to all parts of the country. Special care, select and artistic work.

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Floral Designs and Choice Cut Flowers

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CLEVELAND

EUCLID AVENUE

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Blackistone.

14th and H. Street.

FREY & FREY,

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Members of Florists' Telegraph Delivery.

Trade Directory

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Telephone 2656 **Established 1880**

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602 Davis Street, EVANSTON, ILL.

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City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia.—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Louis, Mo.—F. H. Weber.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

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Prompt and careful attention to orders from out-of-town florists.

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Established over 20 Years.

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Will fill your orders for designs and cut flowers in

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Delivered in Albany and vicinity on telegraphic order.

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Canada's best known and most reliable florist.

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to Steamers and all Eastern Points.

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Send your orders for Chicago and Suburbs to

Schiller The Florist

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All orders carefully filled under the supervision of

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All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

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200 miles in any direction. We are the center of the great Northwest. Daily deliveries

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to Superior, Wis.

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Member of Florists' Telegraph Delivery.

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Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

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Choice Cut Flowers and Designs on short notice Prompt attention to telegraph and telephone orders.

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Vaughan's Cut Flower Mixture.

This mixture is put up by ourselves and contains mostly light colored sorts. We have sold this mixture for several seasons to some of our Chicago cut-flower growers, who have realized big returns from the sale of the flowers. Sow now for winter blooming. **Trade pkt. 25c; 1/8 oz., 85c; 1/4 oz., $1.40; oz., $5.00.**

Vaughan's International Pansies.

We buy every year novelties of known merit to improve the mixture; it is always complete, always the latest and always the best mixture. We add to all Pansy Mixtures which we now buy, more than 50 per cent of the choicest named kinds obtainable, each in correct proportion. This is one of the specialties which has established the reputation of Vaughan's Flower Seeds, and one which we maintain most carefully. **Trade pkt., 50c; 1/8 oz., $1.50; 1/2 oz., $5.00; oz., $10.00.**

Vaughan's Giant Pansy Mixture.

This mixture includes the richest reds, coppers and bronzes, together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strains. **Trade pkt., 25c: 1/8 oz., 60c; oz., $4.00; 1/4 lb., $14.00.**

New Princess Pansy.

Of the Cassier and Masterpiece type, habit remarkably erect, which is its distinguishing characteristic. Extensive range of colors with yellow predominating. **Trade pkt., 25c; 1/8 oz., $1.00.**

MID-SUMMER PRICE LIST BULBS, ROSES, SEEDS NOW MAILING. ASK FOR IT.

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For the Best New and Standard

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SPECIALTIES

Roses, from 3-inch pots. Chrysanthemums
Carnations for fall delivery. Smilax, Violets

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Paterson, N. J.

Edward Sceery, 85 Broadway, has been very busy of late with wedding decorations and a variety of other work. His show windows are kept strictly up to date, a handsome model of a church wedding decoration being recently noted. He has three automobiles for delivery, and is about to put on a fourth. He has another fine store at Passaic, which is ably managed by Bert. McIlveen.

The Lakeview Florist and Nursery, near the entrance to Cedar Lawn cemetery, was founded three years ago by T. H. Heminsley, and he has been quite successful, having several good houses and considerable hardy stock.

Martin Werne, who is also located near Cedar Lawn cemetery, grows a variety of stock, and has a good cemetery trade.

The landscape features of Cedar Lawn cemetery are admirable; the superintendent is Sidney Heminsley.

Arthur L. Vescelius has a good store at 89 Broadway, with a branch at Ridgewood. A. F. F.

TORONTO, ONT.—D. J. Cook, formerly of the H. G. Dillemuth staff, is in France with the Twentieth battalion. James Underwood, also connected with the local trade, left for the firing line last week with the Fourth Canadian Rifles.

Chrysanthemum Rooted Cuttings

For Immediate Delivery

WHITE	100	1000
Smith's Advance	$2 00	$15 00
October Frost	2 00	15 00
Virginia Poehlmann	2 00	15 00
Alice Salomon	3 50	30 00
Chas. Razer	2 00	15 00
Lynwood Hall	2 (0	15 00

YELLOW	100	1000
Chrysolora	$2 00	$15 00
Ramapo	2 00	15 00
Golden Salomon	3 50	30 00
PINK		
Amorita	2 00	15 00
McNiece	2 50	20 00
Chieftain	3 50	30 00

Chrysanthemums, from 2½-in. pots.

Smith's Advance	per 100, $2.50;	per 1000, $20.00
October Frost	per 100, 2.50;	per 1000, 20.00
Lynwood Hall	per 100, 2.50;	per 100), 20.00

All first-class guaranteed stock.

J. D. THOMPSON CARNATION CO., Joliet, Ill.

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft	$1.00 each
Pyramids, 2½-ft	1.50 each
Pyramids, 3 -ft	2.00 each
Pyramids, 3½-ft	2.50 each
Standard Shape, 14x14 in	2.50 each
Globes, 14x14 in	3.00 each
Heavy Bushes, 2-ft	1.50 each
Nice Bushes, 15-in	35c each

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Budding Knife

With 2 New Subscriptions.

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Chrysanthemum Novelties My Specialty

Roses

Specially priced stock list 2½ and 4-in.

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Wholesale Florists

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Thirty-Third annual meeting, San Francisco, Calif., June 22-24, 1915.

LOUISVILLE, KY.—The Goodloe Seed Company has incorporated with a capital stock of $50,000; with liability limited to $50,000.

VISITED CHICAGO: W. F. Therkildson, of W. Atlee Burpee & Co., Philadelphia, Pa., attending the advertisers' convention.

NEW YORK.—The Stumpp & Walter Co. says their sales have increased 20 per cent over those of last year, both in cash and charge sales, over the counter and through the mails.

ONION SET conditions about Chicago indicate that the poor stand in some places is more to be attributed to poor germination than any other cause. On the whole, the wet weather has done the crop good. A few crops are troubled with lice. Most growers who in former seasons harvested six to one are expecting approximately the same this year.

American Seed Trade Association.

The thirty-third annual convention of the American Seed Trade Association, scheduled to be held at San Francisco, Calif., June 22-24, started off a day earlier, many of the members arriving the Saturday and Sunday previous, so that there was a good representation on hand for the autobus ride about the city tendered visitors by the local members, Monday, June 21. During the evening of the same day the visiting members were entertained at a reception given in their honor by President Morse and wife at their home, which was handsomely decorated with flowers and plants for the occasion. The attendance was quite large and music and refreshments detained the visitors to a late hour.

President Morse opened the business of the convention within the exposition grounds on Tuesday morning. Chief Dennison, of the department of horticulture, welcomed the visitors tendering them all the courtesies of the exposition and assuring them that the exposition officers fully appreciated the gathering in their midst of such an important body of men, many of them traveling great distances to attend. Vice-President Lupton responded for the association to the cordial and generous welcome, a genuine California greeting. The president's address and reports of officers and committees were then presented and were followed by Prof. H. E. Van Norman, Dean of California State Farm School, Davis, Calif., in his address on "The Value of Technical Training to Seedsmen." President Morse announced the appointment of committees as follows: auditing, Earl Pieper, W. H. Barrett; president's address, Charles N. Page, C. C. Massie, Kirby B. White; obituary, E. L. Page, R. W. Pommer, N. B. Keeney. Commissioner Colvin B. Brown, of the Panama-Pacific Exposition, here presented bronze memorial medal commemorative of American Seed Trade Association day, which was accepted by President Morse with response by Vice-President Lupton. At Wednesday morning's session the following were elected to membership: C. E. Depuy Co., Pontiac, Mich.; Pacific Seed Co., Caldwell, Ida.; Valley Seed Co., Sacramento, Calif.; Vogeler Seed & Produce Co., Salt Lake City, Utah; Waldo Rohnert, Gilroy, Calif.

The programme for the following days includes addresses as follows: "Horticulture in the Hawaiian Islands," by Prof. John N. Gilmore, Agricultural College, University of California, Berkeley; "Seed Growing in the Northwest," by E. C. Johnson, Portland, Ore.; "Flower Seeds in California," by L. C. Routzahn, Arroyo Grande, Calif. The banquet is scheduled for Wednesday evening at the Commercial club with Watson S. Woodruff as toastmaster and F. W. Bolgiano, C. C. Massie, H. T. McCullough and Albert L. Hart, banquet committee. Friday and Saturday will be devoted to visiting the seed farms with dinner at the Hotel Vendome Friday evening and luncheon at the Country club Saturday.

Lester L. Morse, San Francisco, Calif.
President American Seed Trade Association.

President Morse's Address.

President Morse said in part:

"The year of my administration has been uneventful so far as affairs affecting the American seedsman is concerned. The trade has had a normal season with no great shortages except on certain kinds of beans and no great overproduction of any particular line.

"When the war broke out, a feeling of fear and distrust filled us with grave doubt as to whether or not seeds from the belligerent countries would be delivered, and as to whether or not seeds grown here for delivery abroad could be shipped. Except in a few isolated cases, I understand that practically all contracts were delivered either in full or pro rata when short, and most of the growers on this side were able to fill their contracts. So the season proved to be one of fair averages all round. If there was some reason for doubt as to deliveries last autumn, there is greater cause for fear this year. Any sort of prediction will be idle and all we can do at this time is to hope.

"In spite of the fact that large areas of such crops as are usually secured from Europe are being grown in America, there are many things that will be very greatly affected if they are not secured from Europe, since even with a good crop in this country, there will still be a serious shortage of many varieties. I understand there is a large acreage of turnip and cabbage in the northwest, while here in California there is a liberal acreage of radish and carrot and some table beet. Most of the sugar factories, I understand, have protected themselves with an acreage of beets for seed. The California flower seed growers have planted a good acreage of standard varieties which will take care of some lines, but there are many varieties of flowers and vegetables which are only used in limited quantity and which a seedsman needs badly for catalogue and store trade. These items will keep the retail dealer in a dilemma for a good part of the coming months or until he finally learns whether he can or cannot get them. Stocks of all kinds, I understand, are pretty well cleaned up and the trade, generally, is ready for a good harvest.

"It is the custom of our association to hold one meeting of the executive committee usually in January and although I had called a meeting and fully expected to meet with the members in Chicago in January, a majority of the members of the executive committee wrote me stating it seemed to them needless expense in time and money for the reason that all convention arrangements would naturally be left to me and the California seed trade. For this reason no executive committee meeting was held this year and I sincerely hope that no feature of our programme or entertainment has suffered.

"The principle matters of interest to the association during the past year have been those affecting legislation. The legislatures of most of the states were in session last winter and in a number of states some attempt was made to pass legislation affecting the seed trade. The details of these matters will be duly considered in the report of our attorney, Curtis Nye Smith, which report will be read later. Mr. Smith has done some very effective work in advising members of the seed trade in those states where legislation is proposed. He has kept me advised promptly throughout the year, sending me not only personal letters but carbon copies of all his correspondence with members of the seed trade in all parts of the country. I have received from him one hundred and seventy-

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

nine individual letters represented either by personal letters or carbon copies. On the whole, the proposed legislation was less unjust and unwise than it has been in the past and there is a cheerful evidence of a better understanding between the public, law makers and the seed trade.

"There is still much to do in the matter of education, and for some time at any rate, we shall need to retain our attorney and we shall need to constantly carry on a campaign of education.

"The grower and dealer in vegetable seeds must insist on the protection of the disclaimer, and we must contest all efforts to nullify it. The market gardener and large planter must know as we do that there is a certain element of risk in planting seeds for a marketable crop. We who know that all varieties of cabbage, turnip, cauliflower, rape, mustard and kindred types of brassica are similar if not identical in appearance; that the seed of 30 colors, types and varieties of onion seed all looks alike, that the seed of mangels, beets and chard in all their multitude of variety are identical in appearance, know that mistakes are going to occur, this too in spite of intelligence and system in handling seed.

"If guaranteed seed means surety for the resulting crop or in other words if $10 worth of celery seed means the responsibility for a thousand dollars worth of crop with no share in the ultimate anticipated profit then we are in a hazardous business and too hazardous to warrant credit. The banks would soon put us all in the war risk clause, if they believed we were in such a business. The terrible results in loss of business in event of error is sufficient punishment to compel the utmost care and vigilence on the part of the seedsman.

"I believe that the market gardener and large planter realizes that there is some risk in attempting to grow a crop and many of them are doing what has long been a practice among the modern seed growers, and that is, he carries a stock over one year and tests a sample so that before he plants for crop he has proven stock.

"A seed dealer will have difficulty in getting his supplies if the value of the disclaimer should be nullified. The grower is both planter and dealer and you will find the majority of seed growers emphasizing his non-warranty terms.

"The public of course demands that the seedsman supplies seeds that grow; unadulterated seeds that produce an unmixed product of plants; seeds that produce the variety under which they are sold. This sounds simple and some of our law makers seem to think that they can compel merchants to sell only such seeds by threatening dire punishment if he does not. I believe that the seed grower and dealer are both trying to produce and sell just such seed and I believe that threatened punishment will have but little effect, especially so as the greatest reward to the man who has a reputation for handling such seeds is in the advanced prices which large planters are willing to pay him for his goods.

"I realize more emphatically than I have before that our association is made up of two distinct classes, viz: Grass seed men and vegetable and flower seedsmen. At times I have noted some conflict in the aims of each but these differences are generally suppressed. Except where dealers combine the two classes in their business, they little understand each other.

"Most all of the proposed legislation is aimed at the grass seed dealer and I believe it is in the interests of the association as a whole to strive to confine seed laws to the classes of merchandise which are handled by the grass seed people. As a matter of fact they will have to be, since there can be no legislation that can control vegetable or flower seeds in any sane manner. Except on matters of legislation, the American Seed Trade Association is a harmonious body of men and is a very effective organization.

"I recommend that we make some definite effort to enlarge our membership. Though not in the spirit of criticism, I want to suggest that I think we are too exclusive. So far as I know, we not only do not seek new members, but rather discourage the admission of new firms. One of the interesting modern developments of the seed business has been the growth of the number of new seed houses. One finds one or more seed houses in practically every city which has a population of 10,000 or more. It would seem that a larger membership would be more effective, and during convention week

C. E. Kendel, Cleveland, O.

Sec'y-Treas. American Seed Trade Association.

there could be an hour set aside for group meeting of the growers, commission men, catalogue men, grass seed men, etc.

"Our association has been invited by the American Vegetable Growers Association to join with them in an attempt to regulate nomenclature. While our association has had a committee on nomenclature at various times, it has never been able to accomplish any definite results. It is well, however, that our association appoint a committee and a good strong one to work with the vegetable growers. Their suggested rules for registration of garden vegetables are excellent, and while I doubt that any rule can be rigidly enforced, it will certainly be well to make some attempt to control the naming of varieties.

"I recommend the re-appointment of the seed correspondents for the ensuing year and I certainly recommend the re-appointment of Mr. Smith as attorney.

"It is with profound sorrow that I report the death of four of our members during the past year. These are: Jno. M. Griffith, Baltimore, Md.; Jesse E. Northrup, Minneapolis, Minn.; L. B. Schulte, Houston, Texas; Wm. H. Grenell, Pierrepont Manor, N. Y. Both Mr. Northrup and Mr. Grenell have been presidents of the association and were frequent attendants at our various conventions. Probably they were as well known, if not better, than the majority of our members, and they will be greatly missed in all our future gatherings.

"It will probably be many years before the seed trade holds another convention on the Pacific coast, which gives peculiar prominence to this meeting. As is natural, the older men are passing away and the second generation and sometimes even the third generation is beginning to succeed the older members. Our convention must be so instructive and interesting that these younger men will find it not only a pleasure but a matter of profit to meet together and get acquainted.

"The seed business is of rather limited dimensions as an industry but world-wide in it's scope and on the whole is a wonderfully interesting business. Every season brings its full share of trials and anxieties but there is usually enough of success mixed up with failure to keep us fairly happy."

Secretary's Report.

Membership last reported, 178 Active, 2 Honorary		180
Additions made at the last convention	9	
Losses during the year—		
Failed	2	
Dropped	4	
Dissolved	1	
Total	7	
Net gain	2	
Total membership at present including 2 honorary		182

C. E. KENDEL, Sec'y.

Treasurer's Report.

RECEIPTS.

Balance on hand as reported	$1,216.52	
Initiation Fees	250.00	
Dues	2,355.00	
Interest at bank	48.41	
Sale of Disclaimers etc.	2.84	
Total	$3,872.77	$3,872.77

DISBURSEMENTS.

Counsel's retainer	$1,300.00	
Secretary's Salary as voted	400.00	
Stenographer's Services	139.05	
Legislative committee expenses	289.14	
President's incidentals	65.00	
Printing Annual Report	238.20	
Other printing	61.35	
Wholesale Seedsmen's League dues	25.00	
Badges	40.75	
Postage and Stationery	12.60	
Office incidentals	5.53	
Total expenditures	$2,776.62	
Cash in bank	$1,096.15	$3,872.77

C. E. KENDEL, Treasurer.

The Visitors.

The visitors during the opening days included the following:

J. B. Agnew, Visalia, Calif.
Mrs. J. B. Agnew, Visalia, Calif.
E. F. Ball, San Francisco, Calif.
W. H. Barrett, Adrian, Mich.
A. G. Barteldes, Lawrence, Kans.
Donald K. Belt, Baltimore, Md.
A. A. Berry, Clarinda, Ia.
John Bolger, Los Angeles, Calif.
F. W. Bolgiano, Washington, D. C.
Mrs. F. W. Bolgiano, Washington, D. C.
Chas. Boller, Rochester, N. Y.
Victor Broome, Santa Ynez, Calif.
A. J. Brown, Grand Rapids, Mich.
C. S. Burdge, Toledo, O.
Mrs. C. S. Burdge, Toledo, O.
H. H. Chester, Chicago.
Mrs. H. H. Chester, Chicago.
Miss Grace Chester, Chicago.
Miss Ruth Chester, Chicago.
T. W. Chisholm, San Jose, Calif.

B. P. Corneli, St. Louis, Mo.
Mrs. B. P. Corneli, St. Louis, Mo.
L. B. Coulter, San Francisco, Calif.
O. L. Coulter, Santa Clara, Calif.
Howard Coy, Valley, Neb.
Mrs. C. H. Coy, Valley, Neb.
Crenshaw Bros., Tampa, Fla.
F. G. Cuthbertson, San Francisco, Calif.
B. W. Dulaney, Cincinnati, O.
H. M. Earl, Philadelphia, Pa.
J. W. Edmundson, San Jose, Calif.
Mrs. J. W. Edmundson, San Jose, Calif.
W. R. Evans, San Jose, Calif.
Henry Fish, Carpinteria, Calif.
Henry B. Fish, Carpinteria, Calif.
W. J. Fosgate, Santa Clara, Calif.
Mrs. W. J. Fosgate, Santa Clara, Calif.
Miss Caroline Fosgate, Santa Clara, Calif.
Miss Marguerite Fosgate, Santa Clara, Calif.
M. L. Germain, Los Angeles, Calif.
Mrs. M. L. Germain, Los Angeles, Calif.
Prof. John N. Gilmore, Berkeley, Calif.
Albert Guttman, Manitowoc, Wis.
Mrs. Albert Guttman, Manitowoc, Wis.
A. L. Hart, San Francisco, Calif.
H. G. Hastings, Atlanta, Ga.
A. W. Hinks, San Francisco, Calif.
F. L. Hogue, Ventura, Calif.
Peter Hollenbach, Chicago.
Mrs. Peter Hollenbach, Chicago.
B. M. Holt, Caldwell, Idaho.
T. H. Hopkins, St. Anthony, Idaho.
Mrs. T. H. Hopkins, St. Anthony, Idaho.
Miss Mollie Hopkins, St. Anthony, Idaho.
T. H. Hopkins, Jr., St. Anthony, Idaho.
Fred H. Hunter, San Francisco, Calif.
Mrs. Fred H. Hunter, San Francisco, Calif.
M. W. Johansen, Los Angeles, Calif.
Mrs. M. W. Johansen, Los Angeles, Calif.
N. B. Keeney, LeRoy, N. Y.
C. E. Kendel, Cleveland, O.
Mrs. C. E. Kendel, Cleveland, O.
C. R. Kimberlin, Santa Clara, Calif.
Mrs. C. R. Kimberlin, Santa Clara, Calif.
J. L. Kimberlin, Santa Clara, Calif.
L. M. Kimberlin, Santa Clara, Calif.
A. Knudsen, Odense, Denmark.
George L. Kurtzweil, Des Moines, Ia.
T. M. Landrum, San Francisco, Calif.
Burnet Landreth, Bristol, Pa.
Wm. C. Langbridge, Cambridge, N. Y.
Mrs. Wm. C. Langbridge, Cambridge, N. Y.
F. Leckenby, Seattle, Wash.
S. F. Leonard, Chicago.
Mrs. S. F. Leonard, Chicago.
Miss Bessie Leonard, Chicago.
Miss Leslie, Chicago.
Miss Linthicum, Washington, D. C.
W. A. Lohr, Milwaukee, Wis.
J. M. Lupton, Mattituck, L. I., N. Y.
J. Chas. McCullough, Cincinnati, O.
Mrs. J. Chas. McCullough, Cincinnati, O.
Miss Ethel McCullough, Cincinnati, O.
H. B. McCurdy, Lawrence, Kans.
R. C. McGill, San Francisco, Calif.
Thomas Madsen, New York.
A. F. Manglesdorf, Atchison, Kans.
Mrs. A. F. Manglesdorf, Atchison, Kans.
C. C. Massie, Minneapolis, Minn.
C. C. Massie, Jr., Minneapolis, Minn.
L. L. May, St. Paul, Minn.
Lester L. Morse, San Francisco, Calif.
Mrs. Lester L. Morse, San Francisco, Calif.
L. L. Olds, Madison, Wis.
E. L. Page, Greene, N. Y.
Mrs. E. L. Page, Greene, N. Y.
C. N. Page, Des Moines, Ia.
Frank H. Page, Des Moines, Ia.
Mrs. Grace V. Page, Des Moines, Ia.
E. M. Parmelee, Sheboygan, Wis.
Lawrence S. Payn, France.
J. G. Peppard, Kansas City, Mo.
Ernest Pieper, San Jose, Calif.
R. W. Pommer, St. Louis, Mo.
———— Reed, Portland, Ore.
T. Rimpau, Hamburg, Germany.
E. T. Robinson, Waterloo, Neb.
Mrs. E. T. Robinson, Waterloo, Neb.
J. C. Robinson, Waterloo, Neb.
A. L. Rogers, Alpena, Mich.
Mrs. A. L. Rogers, Alpena, Mich.
Waldo Rohnert, Gilroy, Calif.
L. C. Routzahn, Arroyo Grande, Calif.
Mrs. L. C. Routzahn, Arroyo Grande, Calif.
Louis Routzahn, Arroyo Grande, Calif.
H. L. Rumsey, Dundas, N. S. W., Australia.
T. A. Scott, Cadiz.
Mrs. T. A. Scott, Cadiz.
Miss Nellie Scott, Cadiz.
Herman Simmers, Toronto, Ont.
Victor Simmers, Toronto, Ont.
Rupert Simmers, Toronto, Ont.
L. M. Smith, Chicago.
R. P. Steckler, New Orleans, La.
John Valance, Oakland, O.
Prof. H. E. Van Norman, Davis, Calif.
A. H. Vogeler, Salt Lake City, Utah.
Wm. A. Ward, Sacramento, Calif.
F. O. Ward, Sacramento, Calif.
L. D. Waller, Guadaloupe, Calif.
F. W. Walton, Salt Lake City, Utah.
C. E. Waterman, Chicago.
M. H. Waterman, Chicago.
R. C. Watson, Ventura, Calif.
L. W. Wheeler, Gilroy, Calif.
Oscar H. Will, Bismarck, N. D.
Kirby B. White, Detroit, Mich.
J. T. Wilcox, St. Anthony, Idaho.
Mrs. J. T. Wilcox, St. Anthony, Idaho.
F. H. Woodruff, Milford, Conn.
Mrs. F. H. Woodruff, Milford, Conn.
Watson S. Woodruff, Orange, Conn.
Mrs. Watson S. Woodruff, Orange, Conn.
Styles D. Woodruff, Orange, Conn.
Watson S. Woodruff, Jr., Orange, Conn.

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The Sweet Pea par-excellence for Winter Flowering under glass.

WE were awarded Certificate of Merit for this superb novelty at the International Flower Show in New York, March, 1914, at the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March, 1915.

YARRAWA is absolutely fixed—true to color and type

YARRAWA is an easy and good "doer," invariably giving an excellent account of itself whether grown in pots, boxes, raised benches or solid beds.

YARRAWA has the heavy foliage and rank strong growth of the summer-flowering type and is a true winter blooming Spencer. From seed sown early in October at Fordhook Farms, the plants came into bloom December 20th and flowered profusely until May. The flowers are exquisitely waved and when well grown will average two and one-half inches in diameter, many of them being duplex, or double flowered, thus adding greatly to the general effect of the bunch. They are borne usually in fours on extra long, strong stems. The color is a most pleasing shade of bright rose pink, with light wings. As the supply of seed will be limited we advise ordering early.

Floradale-grown seed exclusively—¼ oz., $1.00; per oz., $3.50; ¼ lb., $12.50.

W. ATLEE BURPEE & CO.

Seed Growers, Burpee Buildings, Philadelphia

JOHN H. ALLAN SEED CO.

Growers of choice varieties of

Peas and Beans

Sheboygan, Wis.

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50. 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:
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FREMONT : NEBRASKA

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF

HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin. Sweet, Flint and Dent Seed Corn.

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. $16.00 for 1000; $8.50 for 500; $4.50 for 250; $2.00 for 100.

Florists' Money Maker, best Valley at moderate prices. $14.00 for 1000; $7.50 for 500; $4.00 for 250.

H. N. BRUNS

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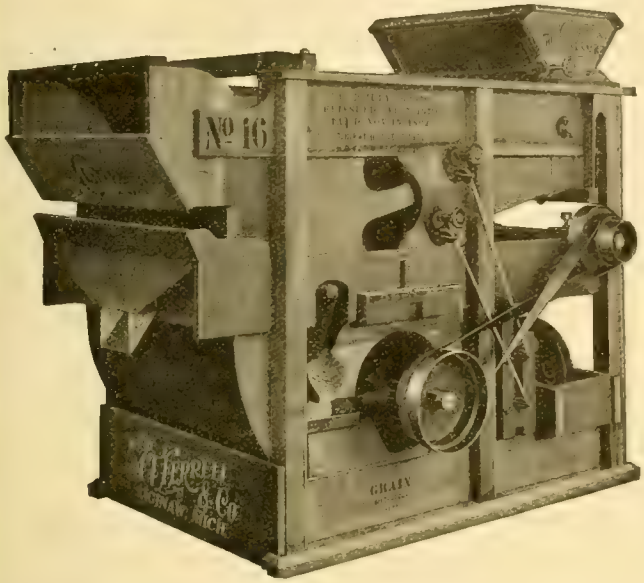

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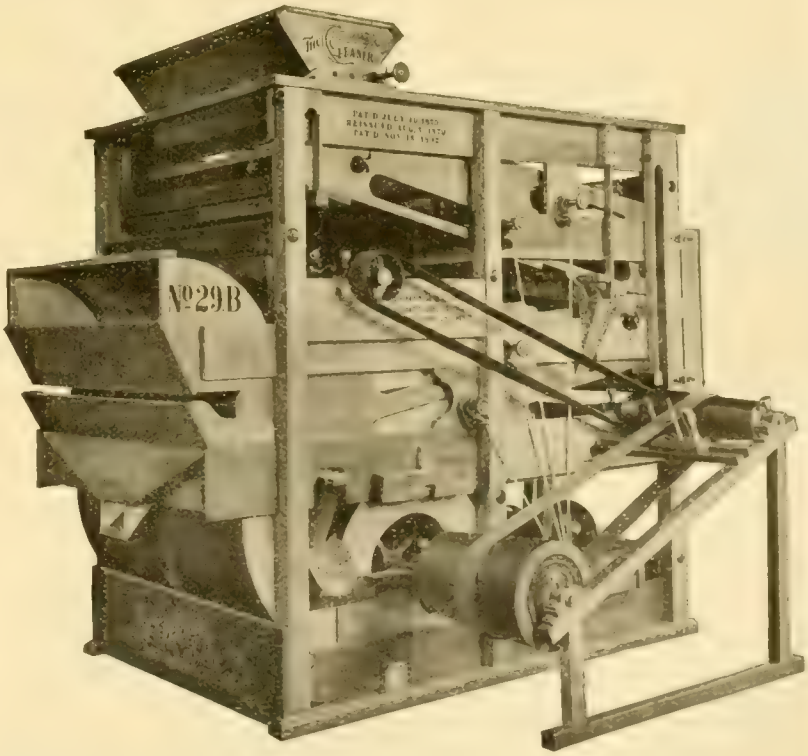
The Clipper Cleaners are used by all the large seed merchants and growers in the United States; also in many foreign countries where fine results in handling seed stocks are desired.

We have a large number of different sizes and styles of power machines; also three sizes of mills for hand work. We have picking and sorting tables in several different styles for handling beans, peas, bulbs and seeds. We have mechanical bean pickers, and also a machine—The Oxford Polisher—for polishing musty or stained beans.

Our machines are well made, nicely finished, light running and guaranteed to give satisfaction.



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Bale (225 lbs) lots or less.
Write for prices and terms.

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Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write
JOHN BODGER & SONS CO.,
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LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Bulbs, Seeds, Plants

Try us once and you will come again.
S. S. SKIDELSKY & CO.,
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TOMATO SEED

Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

CHRYSANTHEMUMS

FROM 2¼-INCH POTS. Per 100

Smith's Ideal and Oconto.....$6.00
Chieftain, Mary E. Meyer, Chadwick Improved, Harvard, W. H. Chadwick..... 4.00
Chrysolora, Clementine Touset, Donatello, Arlette Dubois, October Frost, Pacific Supreme Smith's Advance, Yellow Frost, Col. D. Appleton, Major Bonnaffon..... 3.00
POMPONS—Golden Climax, Golden Harvest, Golden West..... 4.00
Clorinda, Iva, La Purite, Lillian Doty, Minta, Nio, Quinola..... 3.00
ANEMONES—Azelda.....per 100, $6.00 Garza..... 3.00
SINGLES—Josephine, Ladysmith, Little Barbee, Mensa, Mrs. Wm. Buckingham, Rob Roy. 3.00

Not less than 25 of a variety at hundred rate. Cash with order.

ELMER D. SMITH & CO., - Adrian, Mich.

THE COLOR-EFFECTS FROM
Thorburn's Seeds
ARE UNSURPASSED

FOR autumnal blooming—rich crimsons, fiery scarlets, refreshing lavenders.

You would like our catalog. Send for it to order your autumn-blooming seeds now.

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53 Barclay St., through to 54 Park Place
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Mention the American Florist when writing

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

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Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
Correspondence Solicited.
George R. Pedrick & Son,
PEDRICKTOWN, N. J.

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L. Giganteums,

8-9 in., 8-10 in., 9-10 in.
Also **Bamboo Stakes**, green and natural, different sizes. Write for prices.
YOKOHAMA NURSERY CO., Ltd.,
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Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

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Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower.
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

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Vaughan's Raffia

Imported by us direct from
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We offer two grades both good value, viz.:

	Price per lb. 10 lb.	25 lb.	100 lb. Bale
REGULAR	17c	15c	12½c 10½c
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STANDARD INOCULATING BACTERIA

Prepared for
31—LEGUMES—31
Including
Sweet Peas, Garden Peas, Garden Beans, Alfalfa, Soy Beans, Cow Peas, Vetch, Clover, etc. Fully guaranteed.

Price $1.00 per acre; 6 acres, $5.00; Garden size, 50c. Special proposition to seedsmen, dealers, etc. Write us for our Five Free Booklets, "Alfalfa," "Peas and Beans," "Orchard Cover Crops," "Inoculation of Legumes," "Vetch," Etc.

THE EGGERT CHEMICAL CO.
522 Renkert Building, CANTON, OHIO

THE
J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

FREESIA PURITY AND CALLA LILY BULBS

We control one-half of the finest grown bulbs grown in Santa Cruz County. We have satisfied customers all over the United States.
Allow us to estimate your wants.
SANTA CRUZ BULB & PLANT CO.
21 Pacific Avenue, SANTA CRUZ, CALIF.

Mention the American Florist when writing

BURPEE'S SEEDS
Philadelphia
Wholesale Price List for Florists and Market Gardeners

Mention the American Florist when writing

KELWAY & SON

Seed Growers and Nurserymen, LANGPORT, ENGLAND

Announce that their

MR. H. A. NALDRETT,

has just arrived for an extended business trip throughout the United States and Canada. Mr. Naldrett's address while in this country will be in care of

MESSRS. THOMAS MEADOWS & CO.

8-10 Bridge Street, Battery Park, NEW YORK.

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and Acacia Seeds

P.O. Box 857, MELBOURNE, AUSTRALIA

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

MY

Winter Orchid Sweet Pea

Has just received the

Gold Medal of Honor

the highest award in floriculture, by the **Panama-Pacific Exposition.**

Write for price list, which has been already mailed.

ANT. C. ZVOLANEK

Lompoc, Calif.

Mention the American Florist when writing

Asparagus

	Per 100
Plumosus, from 2 in. pot	$2.00
Sprengeri, per 1000, $17.50	2.00
Primroses, ready in July	2.00
Pansy Seed, giant fl. oz.,	$4.00

— CASH —

Jos. H. Cunningham

DELAWARE, OHIO.

Mention the American Florist when writing

Freesias California Grown

	Per 100	Per 1000
Mammoth, ⅝-in. and up	$1.00	$8.00
Choice, ½ to ⅝-in.	.65	5.00
First Quality, ⅜ to ½-in.	.45	3.00

Vaughan's Improved PURITY.

	Per 100	Per 1000
⅝ in. and up	$2.25	$18.00
½-in. to ⅝ in.	1.75	15.00
⅜-in. to ½-in.	1.50	12.00

PURITY--True.

⅝-in. and up	2.00	18.00
½ in. to ⅝ in.	1.60	13.00
⅜ in. to ½-in.	1.25	10.00

Vaughan's Seed Store

CHICAGO **NEW YORK**

97th Year

J. BOLGIANO & SON,

Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes

Growers of Pedigree Tomato Seeds **Baltimore, Md.**

The Nursery Trade

American Association of Nurserymen.

Henry B. Chase, Chase, Ala., President, E. S. Welch, Shenandoah, Ia., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Fortieth annual convention will be held at Detroit, Mich., June 23-25, 1915.

CHICAGO. — The Peterson Nursery has just sold 82 acres for subdividing and acquired 80 acres for nursery purposes.

LOS ANGELES, CALIF.—With assets amounting to $9,391 and liabilities, $16,401, Thomas Cash, nurseryman, has filed a petition in bankruptcy.

NEW HAVEN, CONN.—Walter Edwin Campbell, secretary of the Elm City Nursery Co., this city, will be married June 22, to Miss Mary Covington, Franklin, Ky.

KANSAS CITY, MO.—A petition has been filed in the federal court asking that the Southern Nut Nursery Co. be adjudged bankrupt. The liabilities are given as more than $44,000.

OKLAHOMA CITY, OKLA.—Inspection of all nurseries in the state is now being made under the terms of the new inspection law. An inspection fee of $5 is charged and travel and other expenses are apportioned to the nurseries visited.

Wilson Administration Approved.

One of the first acts of the American Association of Nurserymen, in convention assembled at Detroit, Mich., this week, was the dispatch of a telegram to President Wilson expressing confidence in his administration.

American Association of Nurserymen.

The fortieth annual convention of the American Association of Nurserymen opened at the Cadillac hotel, Detroit, Mich., June 23, with approximately 250 members in attendance. Mayor Marx welcomed the visitors to which suitable response was made by James Pitkin, Newark, N. Y. President Chase then delivered his address which was followed by reports of officers and committees. J. R. Mayhew addressed the convention on ways and means of making "A Better National Association." The programme for the remainder of the meeting, which will continue to Friday, June 25, includes the following papers: "Legislative Matters in General," Curtis Nye Smith, Boston, Mass.; "The Nursery Business as a Business Proposition," W. H. Wyman, North Abington, Mass.; "Credits," Thomas B. Meehan, Dresher, Pa.; "Some Inspection Problems," F. L. Washburn, St. Anthony Park, Minn.; "Rejections," J. H. Dayton, Painesville, O.; "The Real Effect of Price Cutting on Total Conception of Nursery Stock," Lloyd C. Stark, Louisiana, Mo.; "Trade Terms," J. W. Schuette, St. Louis, Mo.; "Deal Direct the Catalogue Way," W. J. Maloney, Dansville, N. Y.; "Better Days Demand Better Men," Rodney H. Brandon, Mooseheart, Ill.

The following were noted among the early arrivals: Orlando Harrison, Berlin, Md.; G. Hale, Berlin, Md.; Miss L. Knapp, Rochester, N. Y.; E. F. Rowe, Harrisburg, Pa.; O. P. Beakley, Harrisburg, Pa.; W. C. Reed, Vincennes, Ind.; Theo. J. Smith, Geneva, N. Y.; Winifred Rolker, New York; Thos. B. Meehan, Dresher, Pa.; Albert Meehan, Dresher, Pa.; Jos. McHutchison, New York; C. B. Knickman, New York; Peter Youngers, Geneva, Neb.; Chas. M. Zizemore, Louisiana, Mo.; I. H. Dayton, Painesville, O.; B. T. Belden, Painesville, O.; C. H. Perkins, Newark, N. Y.; John Watson, Newark, N. Y.; Milton Moss, Huntsville, Ala.; H. B. Chase, Chase, Ala.; Adolph Muller, Norristown, Pa.; A. P. Stephens, Perry, O.; Earl Ferris, Hampton, Ia.; R. R. White, Troy, O.; D. Hill, Dundee, Ill.; Wm. Saddler, Bloomington, Ill.; T. S. Saddler, Bloomington, Ill.; J. Meiklejohn, New York; Frank Nelson, Paw Paw, Mich.; W. J. Bohlender, Tippecanoe City, O.; H. S. Taylor, Rochester, N. Y.; C. D. Hobbs, Milton, Ore.; C. W. Stuart, Newark, N. Y.; C. M. Hurlburt, Fairbury, Neb.; T. B. West, Perry, O.; Elmer Runyan, Elizabeth, N. J.; E. M. Sherman, Charles City, Ia.; W. E. Galeener, Vienna, Ill.; Marshall Bros., Arlington, Neb.; A. F. Bernard, Painesville, O.; L. J. Tacker, Pardeeville, Wis.; T. A. Lewis, Monroe, Mich.; F. J. Rippin, Rochester, N. Y.; Wm. Pitkin, Rochester, N. Y.; C. R. Burr, Manchester, Conn.; T. J. Ferguson, Milwaukee, Wis.; A. F. Lake, Shenandoah, Ia.; R. S. Lake, Shenandoah, Ia.; J. P. Rice, Geneva, N. Y.; E. Horton Bowden, Geneva, N. Y.; H. C. Caldwell, Atlanta, Ga.; P. Ouwerkerk, Weehawken, N. J.; H. M. Simpson, Vincennes, Ind.; T. I. Ilgenfritz, Monroe, Mich.; C. H. Flemer, Springfield, N. J.; Wilmer W. Hoopes, West Chester, Pa.; J. Connon, Hamilton, Ont.; A. B. Morse, St. Joseph, Mich.; B. Von Herff, Chicago; W. W. Essig, Pontiac, Mich.; B. J. Manahan, Pontiac, Mich.; James Davis, Baltimore, Md.; E. S. Welch, Shenandoah, Ia.; B. J. Greening, Monroe, Mich.; J. F. Jones, Lawrence, Kans.; Geo. H. Whiting, Yankton, S. D.; W. A. Harrison, York, Neb.; W. J. Hughes, Cedar Rapids, Ia.; Guy A. Bryant, Princeton, Ill.; A. Willis, Ottawa, Kans.

E. S. Welch, Shenandoah, Ia.
Vice-Pres. American Association of Nurserymen.

An auto ride about the city is provided for the afternoon of the opening day and arrangements have been made for a visit to the Ford automobile plant Thursday afternoon.

President Chase's Address.

Ladies and gentlemen: The greatest lesson I have learned this past year, a year that we will all remember, is that there is nothing to be gained by worry. When the war started, we in the south were perhaps affected more than other sections of the country; cotton was unsalable, business dead, merchants and bankers scared, farmers panicky, and the man who had placed his order for trees wanted to cancel it; the man who had not yet placed his order forgot that he ever wanted to, and the nurserymen, unless men of unusual nerve and poise, were greatly worried. I will admit that I was one of the worried ones. Looking back, I now feel how unnecessary and foolish it was to lose sleep and appetite over what might happen. Some one has said, "I am an old man and have had many troubles, but the most of them never happened." The most of our troubles do not happen, and blessed is that man who has found this out.

E. C. Simmons, the hardware king of St. Louis, Mo., recently mailed a letter to all his salesmen reading:

"Don't worry. War or no war, freight rates or no freight rates, tariff or no tariff, baseball or no baseball, grape juice or champagne—The farmer is still on the job. Do not forget him."

There is comfort and encouragement in this for every one of us—the farmer is still on the job, and he is today the best farmer this country has ever known; he is producing bigger crops, selling them for more money, and consequently spending more money than ever before, and he will buy our trees, and will have the coin to pay for them. See to it that he gets full one hundred cents in value for every dollar he spends with us. Don't worry! Forget your worries in work. Go right along with your business affairs with a cheerful and hopeful spirit; plan conservatively, but work enthusiastically. Remember that no man nor no business can build securely in a hurry. It is the persistent, plugging away which delivers success, and that man's results are measured entirely by the will and courage and earnestness with which he pursues the object of his efforts. Work, my friends, is the greatest blessing we have. Listen!

Work!
Thank God for the price of it,
For the beautiful conquering tide of it,
Sweeping the life in its furious flood,
Thrilling the arteries, cleansing the blood,
Mastering stupor and dull despair,
Moving the dreamer to do and dare.
Oh, what is so good as the urge of it,
And what is so glad as the surge of it?
And what is so strong as it's summons deep,
Rousing the torpid soul from sleep?

Work!
Thank God for the swing of it,
For the clamoring, hammering ring of it;
Passion of labor daily hurled,
On the mighty anvils of the world.

Naturally a feeling of unrest is in the air, a feeling of uncertainty as to what the future will bring to us because of this horrible war in Europe, but my friends, we have a calm, cool, level-headed man in charge at Washington, and if it be possible for mortal man to steer this great nation clear of foreign entanglements, clear of war, that man will do so. And he should have behind him the solid, heartfelt sympathy and support of every citizen of this land.

Here we are in this beautiful city of Detroit, with our troubles which loomed so large to lots of us back in October and November, behind us. We have not perhaps cleaned up much profit this past year, possibly none at all. We may be weary of the manu-

factured, newspaper-made sort of prosperity that we have enjoyed (?) the past twelve months, but remember that it is this "cheer up" talk with which our papers and magazines have been filled that has given us all hope and faith in the future. Until the real thing is with us, let's continue to read and write and preach—Prosperity.

Let's imbibe all of Walt Mason's "gloom-chasers" we can, and let's firmly believe that real prosperity is awaiting us just around the corner. We are all feeling pretty good, prospects are a whole lot brighter and getting better every day—why should we worry or be downcast? Surely, gentlemen, apple trees, Kieffer pear and apple seedlings have all struck bottom; it was with a dull, sickening thud to be sure, and it jarred us powerfully, but we are recovering and let's forget it.

With last season's troubles behind us let us now cheerfully and buoyantly face the problems of the coming season and of the coming years. What are they? There is just one problem that I shall dwell on, only one, and that that is this—can this association by any change in its methods or organization make of itself a more efficient organization? An organization that will really help to control production, and to eliminate price cutting? An organization that can keep closer watch on legislative and transportation matters than is possible under our present system of working through committees? Can it be done? How shall we go about it?

Mr. Mayhew, of Texas, in his paper "A Better Association," will, I hope, point the way for us. To my mind it is a great big problem—as big as that laid out for himself by an old darkey preacher in Alabama, when he told his flock at a Wednesday evening prayer meeting, "I'm takin' no tex dis evenin', but I'se gwine to do three things; I'se gwine to explain de onexplainable, I'se gwine to do de ondoable, and I'se gwine to onscrew de onscrutable." This problem is big because of the lack of one thing—money. With a lot of money we can do a lot of good, and gentlemen, with the little money that this association has had to operate on all these years it has done a lot of good. Let us look back a little, realize what this association has had to work with and what it has accomplished:

This association, now 40 years old, was founded by a few representative nurserymen with the idea of bringing together in an annual convention the reputable nurserymen of the United States, to get acquainted with each other, relax from business, mix and mingle together, to exchange views and ideas, discuss methods of propagation, cultivation and all questions of common interest, and incidentally, or possibly primarily, to exchange, buy and sell nursery stock; the founders of this association had in mind the bringing into its membership all reputable nurserymen of this country—a national association of American nurserymen. They had in mind the greatest good to the greatest number. The dues were nominal, expenses small, their problems far less complicated than those we face today. Up to 1905 the dues were $2 per year; they were then raised to $3 and in 1906 to $5; so going back 10 years we find we have had an income of $5 per year for nine years and $3 for one year, from a membership as follows:

		Members
1905	West Baden	472
1906	Dallas	541
1907	Detroit	371
1908	Milwaukee	376
1909	Rochester	384
1910	Denver	356
1911	St. Louis	382
1912	Boston	363
1913	Portland	463
1914	Cleveland	410

We now have about $7,500 in our treasury, and since February, 1900, we have expended $10,504 in tariff, legislation and transportation matters alone. In addition to this we have expended about $1,700 from the special horticultural fund started in Portland two years ago. That this money has been well and wisely expended is beyond question of doubt. The work has been handled by committeemen who are all busy nurserymen, and who have given freely of their time, inconvenienced themselves time and time again to carry on this work, and without one cent of remuneration for their services. All honor to every one of these true-blue wheelhorses; they have always responded when called on, and they have accomplished great and lasting good for the nurserymen of this country. Remember that their work has benefited all American nurserymen, whether members of this association or not.

Note that our largest membership the past ten years was 541, and that for six years of the ten the membership has been under 400. Now to get the money necessary to do the work we ought to do we must either more than double our membership, or more than quadruple our dues. I have heard it stated at our conventions many times that we ought to have a membership of at least 1,000. I doubt if we can ever get such a membership, even though we have a secretary whose whole time is devoted to the work of the association. Certainly we have failed by the various methods employed in the past years to build up our membership to the desired point. I am greatly pleased to see that in spite of this hard year just past, we have not only retained the membership of a year ago, but increased it about 30 members. This is evidence of the good work done by our membership committee and our secretary this season. If we advance our dues from $5 to $25 or $30, $40 or $50 per year, how many members will we lose? Would the few who made up such an association constitute a National association of American nurserymen? If, instead of four hundred to five hundred odd members now attending our annual meetings, our conventions consisted of say a hundred or a hundred and fifty members (and I honestly believe there are not to exceed 100 to 125 who will pay $30 to $50 annual dues) would such a convention be a representative gathering of the American nurserymen? Can this association afford to consider any plan that will reduce its membership from 400 or 500 to 100 or 125? All these and dozens of other questions have occurred to me in thinking this matter over.

With the consent of the programme committee, I wish to call for Mr. Mayhew's paper tomorrow morning, that we may have ample time to consider it, and I bespeak for him your careful and close attention. Following his paper, I want a full and free discussion of this question, and let's see if we can get at any practical working plan, and then try it out.

TRADE TERMS.

Another matter on which I hope to see definite action by this convention, is trade terms, and Mr. Schuette as chairman of a committe appointed in Kansas City last December by the Western Association of Nurserymen will report to this convention a schedule covering terms of payment in the nursery trade, which, if it meets your approval, I hope to see adopted as the official terms, to be printed on the invoices of every member and put into universal use in the nursery trade of the United States.

TRANSPORTATION.

Effective June 1, there was an advance in freight rates in official classification

NURSERY STOCK for OUTDOOR PLANTING
Roses, Clematis, Shrubs,
Vines, Perennials, Shade Trees.
Send for list—We sell to the Trade only.
Jackson & Perkins Company
NEWARK, NEW YORK

ROSES, CANNAS
Shrubbery
THE CONARD & JONES CO.,
West Grove, Penna.

Mention the American Florist when writing

Hill's Evergreens
BEST FOR OVER HALF A CENTURY
Small, medium and large sizes supplied.
Price list now ready.
The D. Hill Nursery Co.
Evergreen Specialists Largest Growers in America
Box 404, DUNDEE, ILL.

Baltimore Nurseries
California Privet
Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
Full Line of Fruit Trees and Plants.
GET OUR PRICES AND CATALOGUE.
Franklin Davis Nursery Co.
BALTIMORE, MD.

HEADQUARTERS
California Privet
In any quantity and any size desired
My Privet has more branches than what
is usually sent out, and I grade better.
Carloads a Specialty.
—ALSO—
Amoor River Privet,
Berberis Thunbergii,
Well grown and in large supply.
J T. LOVETT, Little Silver, N. J.

PEONIES
AND IRIS
Catalogue now ready.
PETERSON NURSERY
Stock Exchange Bldg.
CHICAGO, ILL.
Our Guarantee—We will replace with three all plants not proving true to description.

territory (east of the Mississippi and north of the Ohio rivers), applying to car load lots only, raising the classification from fifth to fourth, which means an advance of 20 to 25 per cent in freight charges on car lots. This advance is over and above the general advance of 5 per cent of last spring. This matter will be covered fully by the report of C. M. Sizemore, chairman of our transportation committee. The work of this committee is important. It requires the services of a man familiar with railroad matters; is it right for us to continue to ask gratuitous service for this work?

LEGISLATION.

The work of this committee is the most important and the most ardous of all handled by this association. Think for a moment of the many cases of adverse legislation investigated and fought by this association, in the states of Maine, Wisconsin, Montana, Wyoming and Colorado; the many trips by this committee to Washington because of the federal inspection bill; to Atlanta and Philadelphia on uniform legislation matters! My friends, in the very nature of things it is utterly impossible for these busy men who make up this committee to keep the close watch on legislative matters, both national and state, that we should have, and it is an imposition to place the vast amount of detail work of investigation, the vast amount of correspondence involved, on their shoulders, and should not we now at least relieve them of this detail work which can be handled by a paid expert?

SECRETARYSHIP.

Our good friend, Secretary Hall, is again serving us this year in spite of the fact that he tendered his resignation last year at Cleveland, which was accepted with the understanding that he would serve until our executive committee could arrange with Mr. Hall to continue his services, adding sufficiently to the salary to enable him to employ clerical help to relieve him of a vast amount of detail work incident to the publishing of the badge book, report of proceedings, etc. Mr. Hall seems to be happy and well content under this new arrangement, and I am pleased to have him at my right hand. He is earning his salary all right.

I now want the ear of every member from the south and southwest. I want to call your attention to the fact that through your agents on the road you have a fine opportunity to preach to the farmers of the south the importance of diversifying their crops. If the south can get away from the one-crop idea, if we will not depend on cotton for everything, but rather bend our energies toward producing our own meat and bread for man and beast, and let our cotton buy our automobiles and pianos instead of our necessities, we will then turn the catastrophe of last fall into a blessing. One way to diversify is to plant orchards, and this point should not be lost sight of in your selling campaign this season. Preach this eternally through your agents, and practice it yourselves.

Now my friends, let us for a moment turn our thoughts in loving sympathy to our fellow craftsmen beyond the seas, the nurserymen of France, Belgium, England and Germany. Think of what they are going through; multiply your own harrassing worries ten thousand times and then add an inexpressible weight of anxiety for loved ones fighting in the trenches, an inexpressible weight of sorrow for loved ones killed in battle, and you will not overdraw the picture. Listen to my lamented friend, Elbert Hubbard, who said:

"When we think of the 'Army of Bleeding Feet'—that army of homeless women and tired, hungry children, of the aged, stricken with grief too great for tears, and the woes that are beyond words, will we complain of a social slight, a toothache, or a loss in trade? The high cost of living becomes trivial when we think of bloody wounds and crushed bones and starving widows and outcast orphans.

"Out of the waste and woe of war across the seas, comes to us a grain of gain, and I do not have most in mind the gain in trade—that is assured. It will be for us largely to feed and clothe a starving Europe; many of the things we have depended upon Europe for we will make ourselves, and in the making we will evolve men and women, and therein will lie our chief gain, for as a boy grows when thrown upon his own resources, so does a nation. 'Made in America' is a slogan that is swelling into a chorus, and will pass into the current coin of commerce.

"Another great gain from this war is in the heroic attitude of mind, which forgets to complain, declines to whimper. Out upon the faultfinder! Our every hour is jeweled with a joy, and blessings are at our doors beyond that of any people in the whole wide world."

Secretary Hall's Report.

In order that a full expression of the wishes of members might be secured as to the time favored for holding the annual meeting of the association, your secretary was instructed at the Cleveland convention to submit the question to a postal card vote. Over 260 replies were received, representing a substantial majority of the membership, favoring a permanent meeting date between June 20 and June 30. Accordingly the fourth Wednesday in June and two following days were announced as the time of holding the fortieth anniversary.

Your secretary is pleased to report a more prompt response from members to the exhortation contained in the announcement of this convention, and to state further that the registration in the badge book for 1915 is the largest ever published with the exception of the years 1906 and 1913; also, the amount of cash turned over to the treasurer is the largest during the same period with the exception of 1913. Four hundred and twenty-six names appear in the badge book for this year, and a leaf insert containing others received too late for publication, has been printed for use of members, thus bringing the total membership on June 15 to 435; $3,130.90 was sent to the treasurer up to June 3.

In 1906, when the membership fee was $3, the unusual registration was due to the enthusiasm of the Texas nurserymen in rallying local residents to join the association when the annual meeting was held in Dallas. It was at this meeting that the dues were raised from $3 to $5. The increased registration in 1913 was due to the campaign carried on by Mr. Hutchison. This year between 60 and 70 new members have been enrolled, much of which is due to the work of the membership committee under the leadership of Will B. Munson.

But there have been between 60 and 70 failures to renew, and some of you will at once wonder how, in view of this, we reconcile the statement of a larger badge book registration this year. This loss, however, is largely made up by the new members. The explanation for the larger list of names published in the annual proceedings of last year is that the local nurserymen at Cleveland brought in eleven new members, and nine others also registered. Then, when your secretary got home, a further active canvass of delinquent members was commenced and nineteen of these responded favorably, two new members being secured by correspondence, bringing the registration to 477.

The income from memberships and badge book for the past ten years is as follows:

1906...	$2,014.29	1911...	$2,771.85
1907...	2,867.80	1912...	2,747.70
1908...	2,883.60	1913...	3,314.15
1909...	2,786.30	1914...	3,077.15
1910...	2,340.00	1915...	3,130.90

The record of deaths during the past year is quite lengthy:

Aug. 26, 1914, Hiram T. Jones, Elizabeth, N. J., aged 59 years.

Sept. 3, 1914, Leigh Overman, Spokane, Wash., aged 59 years.

Sept. 8, 1914, Peter Bohlender, Tippecanoe City, O., aged 78 years.

Sept. 20, 1914, Albert van Balen, of Felix & Dykhuis, Boskoop, Holland.

Dec. 14, 1914, Joseph G. Harrison, Berlin, Md., aged 74 years.

Dec. 17, 1914, Mrs. Jessie F. Moss, Huntsville, Ala., aged 79 years.

Feb. 16, 1915, George F. Seager, Rochester, N. Y., aged 52 years.

Feb. 21, 1915, H. Frank Darrow, New York, aged 48 years.

March 14, 1915, Frank Meredith, Koleen, Ind., aged 60 years.

March 22, 1915, Howard E. Merrell, Geneva, N. Y., aged 52 years.

May 4, 1915, Eugene Willett, North Collins, N. Y., aged 61 years.

June 3, 1915, Henry J. Weber, Nursery, Mo., aged 74 years.

We mention also the following: Mrs. V. A. Vanicek, Newport, R. I.; Mrs. D. S. Lake, Shenandoah, Iowa; Mrs. Charles Ilgenfritz, Monroe, Mich.

The financial statement of the secretary is thus:

Receipts.

June 16, 1914,	Balance in Bank	$ 81.15
Mar. 16, 1915,	Memberships and accounts due	241.25
June 2, 1915,	Memberships and badge book	2,808.50
	Total	$3,130.90

Disbursements.

Paid to Peter Youngers, treasurer.....$3,130.90

A personal reference in closing: Your secretary desires to make reference to the conference between the executive committee and himself following last year's meeting, when the matter of appointment of secretary was left to those gentlemen. The consideration shown me and the kindly treatment accorded, prompt me to desire to express my appreciation and thanks, resulting in my continuation in office for the year. I have endeavored to perform the duties of the position faithfully, and if it is the pleasure of the association to continue the relationship I promise fidelity to the best interests of the organization.

The Exhibits.

Baird & Hall Nursery, Troy, O., photos.
Benton Review Shop, Fowler, Ind., catalogues.
Benjamin Chase Co., Derry, N. H., labels.
Dayton Fruit Tree Label Co., Dayton, O.
L. J. Farmer, Pulaski, N. Y., strawb'y plants.
Frost Superior Fence Co., Cleveland, O., wire fence.
Greening Nurseries, Monroe, Mich., peachtrees.
Harrison's Nurseries, Berlin, Md., ornamental trees.
D. Hill Nursery Co., Dundee, Ill., evergreens.
The McFarland Publicity Service, Harrisburg, Pa., advertising specialties.
J. Horace McFarland Co., Harrisburg, Pa., compact stereopticon.
McHutchison & Co., New York, raffia.
Thos. Meehan & Sons, Dresher, Pa., raffia and hydrangeas.
A. B. Morse Co., St. Joseph, Mich., catalogues.
Adolph Muller, Norristown, Pa., ornamental trees.
The National Nurseryman, Rochester, N. Y., publication.
Perfection Mfg. Co., Detroit, Mich., labels.
Rochester Lithographing Co., Rochester, N. Y., lithographs.
W. N. Scarff, New Carlisle, O., small fruits.
The Skinner Irrigation Co., Troy, O., irrigation systems.
Stark Bros. Nursery & Orchard Co., Louisiana, Mo., well digger.
Vincennes Nurseries, Vincennes, Ind., fruit trees.
F. W. Watson & Co., Topeka, Kans., apple seedlings.

Hawthorns.

Hawthorns (crataegus) have been in flower in the Arboretum during the last two or three weeks, and others will flower in succession until nearly the first of July; on some of the species the fruit ripens in August and on others as late as November; and in a collection of these trees and shrubs there is much beauty of flower and fruit to be seen during more than half the year. The genus is more largely represented in species and in the number of individuals in eastern North America than in other parts of the world; a few species are found in the Rocky Mountain region and in the Pacific states; there is a single species in Japan, and less than twenty in all continental Asia. There are, however, several species in southwestern, southern and central Europe and two species in western Europe. Before 1900, when the study of American hawthorns was begun seriously at the Arboretum, little was known about the American species which had been singularly neglected by American botanists and American gardeners. Several species, however, had reached Europe at the time when European plant collectors were sent to America, and a few American species had been described by European botanists from plants cultivated in European gardens. Twenty years ago plants raised from seeds collected principally in Missouri and Arkansas in 1880 began to flower in the Arboretum and could not be referred to any of the species which had been previously described. This led to a systematic study of the wild plants in many parts of the country, and to the bringing together here of a large amount of material. During the last fifteen years many species have been described at the Arboretum by authors working independently, and Mr. Dawson has sown the seeds of 3306 hawthorns gathered in the United States from wild plants. It cannot be said, however, that this investigation has been more than commenced and there are still great regions in the United States where hawthorns are known to exist which have not yet been worked critically with reference to this genus. Some of the plants which these seeds sown at the Arboretum have produced have been arranged on the eastern slope of Peter's Hill and others have been widely distributed in this country and Europe. There is a large collection also of hawthorns mainly obtained at the Arboretum in the parks of Rochester, N. Y., and there is one large Arboretum collection in England and another in France. In a few years, therefore, there will be a good opportunity for a comparative study of these plants from a botanical and horticultural standpoint, for last year some three hundred and fifty different species flowered on Peter's Hill and probably this year a still larger number will produce flowers and fruits there. Of the species which have grown to a large size in the Arboretum and have proved themselves desirable garden plants may be mentioned Crataegus Arnoldiana, C. mollis, C. arkansana, and C. submollis. These belong to the Molles group, in which the species are trees with wide heads, large early flowers and large, usually brilliant scarlet fruits. A large plant of C. coccinioides in the old crataegus collection, between the shrub collection and the Parkway and near the Forest Hills entrance, has itself shown this year the decorative value of an American hawthorn. It is a round-headed tree from the neighborhood of St. Louis with large flowers in very compact, nearly globose clusters and large round fruit ripening in the early autumn. In this old collection are other plants which are now large enough to show their value for the decoration of parks and gardens; from among them attention is called to C. Crus-galli, the cockspur thorn, which has perhaps been more generally cultivated than any other American species and is the type of one of the most distinct of the groups into which the genus is divided; C. nitida, a flat-topped tree with widespreading branches and narrow lustrous leaves. Although the flowers and fruits are comparatively small, their abundance, the lustre of the leaves, and the habit of the tree make it one of the handsomest of the thorns which can be successfully cultivated in this climate. C. pruinosa, C. aprica and C. succulenta are well represented here and are good examples of three large and distinct groups. C. pruinosa is a small tree with smooth bluish green leaves, large flowers made conspicuous by the large rose-colored anthers of the twenty stamens, and globose fruits, bright green and covered with a glaucous bloom when fully grown, and turning scarlet late in the season. In all eastern North America there are few handsomer thorns. C. aprica is interesting as one of the few hardy representatives of the Flavae group which is entirely confined to the southeastern states with a few representatives ascending into the valleys of the southern Appalachian mountains. It is not one of the handsomest species of the group, for the flowers are not so large as those of many others, and the anthers of the ten stamens are yellow. C. succulenta is a showy representative of the tomentosae group, which is one of the largest of the northern groups and is specially beautiful in autumn when the branches are covered with large clusters of drooping scarlet translucent fruits. Two black-fruited species are interesting in the old collection, C. Douglasii from Washington and Oregon, and C. rivularis from the region between the Rocky Mountains and the Sierra Nevada. Many species in the new collection on Peter's Hill are already large enough to show their character and value, especially those in the intricate group. Nearly all the species in this group are small shrubs of the northern and middle states with large flowers, yellow or rose-colored anthers, and large, showy, late-ripening fruits. Long entirely overlooked by American botanists, this group contains some of the most beautiful garden plants to be found among North American shrubs. Among foreign species the earliest to flower in the Arboretum is Crataegus nigra, a tree from eastern Europe, with large flowers and early-ripening black fruit. There is a large specimen in the old collection near the southern end of the willow collection. The two species of western Europe, C. oxycantha and C. monogyna, and many varieties are, of course, established in the Arboretum, where C. orientalis from southeastern Europe, with deeply divided silvery leaves, large flowers and orange and red fruit is a plant which deserves the attention of all lovers of hardy trees and shrubs. The most beautiful, however, of all the foreign thorns here is C. pinnatifida from eastern Siberia and northern China. The large, deeply divided and lustrous leaves make this one of the handsomest plants of the whole genus; the flowers are large and abundant, and the crimson fruits are produced in profusion. A form of this plant (var. major) with larger leaves and much larger fruit, is cultivated in orchards as a fruit tree in the neighborhood of Peking. With the exception of a few varieties of the species of western Europe with red, rose-colored or pink flowers, all hawthorns have white flowers; they are therefore less showy when in bloom than many of the crabapples, on most of which the flowers are more or less tinged with pink. The flowering period, however, is much longer and the fruit is far more beautiful than that of any of the Asiatic crabapples. As flowering plants the hawthorns are certainly less beautiful than some of the Japanese cherries, but cherry blossoms last only a few days and the fruits of the Japanese species have no ornamental value. Like many other trees and shrubs of the rose family, Crataegus suffers from the attacks of the San Jose scale, and the leaves of some species are badly disfigured by a leaf miner.—Arnold Arboretum Bulletin.

John Hall, Rochester, N. Y.
Secretary American Association of Nurserymen.

COLUMBUS, O.—The Art Floral Co. is in the hands of a receiver.

BATTLE CREEK, MICH.—S. W. Coggin is erecting a new greenhouse at his range on South avenue.

WILTON, ME.—C. L. Wilkins has been appointed assistant state horticulturist, succeeding Herman Sweetzer, who resigned.

COLLEGE STATION, TEX.—The several committees appointed to promote a state botanical garden and arboretum are called to meet during the Texas Farmers' congress here August 3.

SAN FRANCISCO, CALIF.—The extensive exhibit of gladioli made by Vaughan's Seed Store, Chicago, is beginning to bloom at the exposition and makes one of the most attractive features on the grounds at this time.

SALEM, O.—J. E. McNeelan, receiver of the Garfield avenue greenhouse property of W. A. Cowgill, June 15, sold the property, valued at $8,000, to J. E. Bonsall, former owner, for $5,600. At the same time an injunction was granted at Youngstown by Referee in Bankruptcy Paul J. Jones, receiver in bankruptcy recently named by the federal court, against Mr. McNeelan to prevent the sale or transferral of the property.

PHILADELPHIA, PA.—A tablet has been erected in memory of Robert Morris, financier of the revolution, outside the store of H. A. Dreer, Inc., 714-716 Chestnut street. The site is chosen because it was on this ground Morris planned to erect a residence calculated to surpass in magnificence any building in the land. He laid the foundations, which still are to be seen in the basement of the Dreer and other properties in the row, just before he met financial misfortune, which resulted in his being thrown in the debtors' jail.

Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, June 22.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 7½ cents per box; radishes, 75 cents to $1.00 per dozen bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 30 cents to 40 cents per dozen.

New York, June 22.—Cauliflower, per barrel, $1.25 to $1.50; cucumbers, 40 cents to 50 cents per dozen; mushrooms, 50 cents to $1.75 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 35 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Strawberries as a Market Garden Crop.

While strawberries are strictly not a market garden crop, belonging to the professional fruit-grower, no line can be drawn as a limit. The fruit growers and grain farmers only too often seriously interfere with the market gardeners by producing and marketing heavy crops of vegetables; hence it is excusable if the gardener in turn encroaches upon the fruit business. The all important point is the selling campaign, and we wish to say that in the month of June it is easier to sell nice red strawberries than green bunched onions, with the cost of producing in favor of the strawberries. Right now we are marketing fine strawberries at 15 cents per quart as fast as we can get hold of them, while radishes bring 10 cents per dozen bunches, onions the same; beets, 15 cents; spinach, 25 cents per bushel and lettuce 2 cents per lb., with slow sales. The moral is obvious. We have had a cool, dry month of May, which favored a tremendous set of fruit and now we have copious showers, too many, which help to swell the fruit and develop the last berry. We do not remember ever having seen a heavier crop. As regards varieties, we grow Bubach, Senator Dunlap, Warfield, Sample and Haverland. We have for years esteemed Warfield highly and with Senator Dunlap as a mate, there is not much more to be desired. These two look alike in the box, and as one is a perfect blossom and the other imperfect and both fine croppers they head the list. The showers we are having are an object lesson of what could be done in a dry season by mechanical watering. While we were prepared to irrigate, we will not need to now.

The one big point we wish to impress upon the prospective strawberry grower is that each year we lay the foundation for next year's crop by good culture. Our fine crop this year is the result, to a great extent, of last year's efforts. We have just closed the most successful pansy season we ever had and are now able to immediately claim the attention by offering fine strawberries; in turn we hope to offer greenhouse tomatoes the moment the strawberries are gone, etc.

MARKETMAN.

Madison, N. J.

The rose show held June 17, under the auspices of the Morris County Gardeners' and Florists' Society was a great success, both in excellence and number of the exhibits and in point of attendance. There were no cash prizes, but exhibitors responded freely however. There were many fine exhibits and competition was close. A feature of the show was an illustrated lecture in the evening by Arthur Herrington, his subject being, "The Rose," and it was greatly appreciated by the audience.

In addition to the rose entries, excellent displays of sweet peas, peonies, fuchsias, delphiniums, cattleyas, etc., were made. Splendid exhibits of fruits and vegetables were also a feature. Prominent among the exhibitors who received awards were the following: Wm. Duckham, David Francis, Mrs. C. H. Stout, Robert Tyson, Emil Gruber, Chas. Barbour, Robert Francis, Mrs. Elwood Brant, John Barker and Ernest Wild.

H. T.

Providence, R. I.

BUSINESS CONTINUES GOOD.

Business held up during the past week. Orders for graduations continue, and June weddings are greatly helping the florist business. The so-called business depression seemingly has no effect upon Cupid, who seems to be just as busy as in former years. Roses are in fine shape and are moving well. The cuts are large, but owing to the rapid sales, are not accumulating to any extent. Carnations are also in large supply, but are not being used as fast as the roses. Peonies are still with us, and are of good quality. Sweet peas are still in good supply and finding ready sale. Lilies are becoming a drug on the market, although they are fine stock. The retailers have been busy with decorations for churches and residences and all find plenty to do.

Matthew Macnair is now building the water scene that embellishes his windows in his Broad street store during the summer months. The scene will be larger and better than ever before.

Walter A. Kelton has withdrawn from the Quality Flower Store, of Pawtucket. The business is now being conducted by J. W. Seamans alone.

H. A. T.

Newark, N. J.

Kimmerle & Minder, 488 South Orange avenue, have now a fine three-story business building on the front of their property, and are preparing to open the corner store, which is finely situated for business, as a first-class retail store. In the growing end of the business they have seasonable stock in a fine lot of large hydrangeas in tubs that have just flowered.

May's Flower Shop, 265 South Orange avenue, seems prosperous. This store is conducted by a lady who seems to have the artistic temperament.

McLaughlin & Murphy, 181 Clinton avenue, were found busy with funeral work, and had no complaint about business.

The Broad street retailers, who are progressive men, are keeping up their business to the usual high standard.

Considering the fact that there is complaint, from various localities, of dullness in the business the florists of Newark seem to be reasonably prosperous.

A. F. F.

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Cold Storage Stock

	No. in case	Per 100	Per 1000
Giganteum, 7- 9 inch,	100	**$6.00**	. . .
Giganteum, 7- 9 inch,	300	. . .	**$53.00**
Giganteum, 8-10 inch,	225	. . .	**75.00**
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Valley, (best grade)			**16.00**
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Also a few cases extra LILIUM FORMOSUM, 8 to 10-inch, for immediate planting.			**75.00**

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Size of pots.		Per 100	1000
2¼ in.	**Althernantheras,** red and yel.	$2.25	$20.00
2¼ in.	**Ageratums,** white, light and dark blue	2.25	20 00
2½ in.	**Asp. Plumosus** or **Hatcheri**	3.00	25.00
4 in.	**Asp. Plumosus** or **Hatcheri**	7.50	70 00
2½ in.	**Asp. Sprengeri,** large plants	2.50	22.50
4 in.	**Asp. Sprengeri,** large plants	6.50	60.00
3 and 3½ in.	**Cannas,** King Humbert	5.00	45.00
3 and 3½ in.	**Cannas,** Brandywine, Crimson Bedder, Crozy, 20 vars.	4.50	40.00
2½ in.	**Centaurea,** Dusty Miller	2.25	20.00
2½ in.	**Coleus,** Golden Bedder, Verschaffeltii, or 15 vars. mixed	2.50	22.50
2½ in.	**Cupheas,** Cigar Plants	2.25	20.00
	Dracaena Indivisa, 4, 5 in., $10.00, and $20.00 per 100.		
2¼ in.	**Fuchsias,** dbl. and sgl., 12 vars.	2.75	25.00
4 in.	**Fuchsias,** dbl. and sgl., 12 vars.	7.50	70.00
2¼ in.	**Geraniums,** Nutt, Ricard, Poitevine Buchner, etc.	2.25	20.00
3½ and 4 in.	**Geraniums,** Nutt, Ricard, Poitevine, Buchner, etc.	7.00	65.00
2¼ in.	**Heliotropes,** white, light and dark blue	2.75	25.00
4 in.	**Heliotropes,** white, light and dark blue	7.50	70.00
2¼ in.	**Petunias,** sgl., mixed vars.	2.50	22.50
3½ in.	**Petunias,** dbl., 15 vars., mixed	6.50	60.00
2½ in.	**Salvias,** Bonfire and Splendens.	2.50	22.50
3 in.	**Salvias,** Bonfire and Splendens.	5.00	45.00
2½ in.	**Verbenas,** very choice mixed or separate colors, in bud	2.25	20.00

—Correspondence solicited.—

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Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and **Whitmani Ferns;** 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
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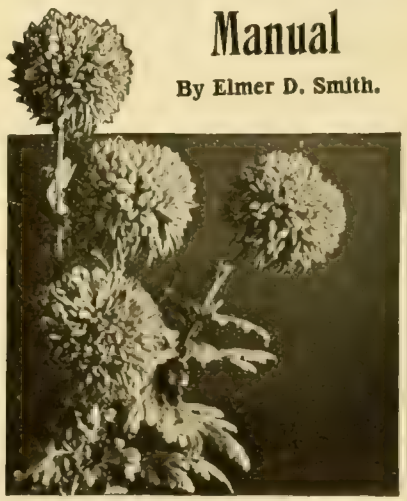

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	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00
6-in. pot	5 to 6	34 to 36	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
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	Each
7-in. tub, 18 in. high, 24 in. spread	$2.00

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2½-in. pot	4	8 to 10		$1.50
4-in. pot	5 to 6	15	$0.40	4.50
6-in. pot	6 to 7	24	1.00	12.00
6-in. pot	6 to 7	28 to 36	1.50	18.00
	Leaves	In. high	Each	Per doz
9-in. cedar tub	6 to 7	42 to 45	$4.00	$48.00
9-in. cedar tub	6 to 7	45 to 48, very heavy	5.00	
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	Each
9-in. tub, 5 ft. spread	each, $5.00

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WANTED.

Hydrangeas

in bloom. Write size and price.

A. LANGE, 25 E. Madison St. Chicago

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BIG WEDDING DEMAND.

Trade the past week was very lively. June weddings were numerous, and there was a large amount of funeral work in demand. The high school commencement dance called for a number of corsages and hand bouquets, and the commencement exercises of several acedemies kept the florists hustling. The quality of the cut stock is very good. The weather is exceedingly cool, with a great deal of sunshine, which is very favorable for improving the quality of the flowers. Carnations are still of good size and are to be reckoned with, as they bring good returns. Roses are still in good shape and Easter lilies, as well as callas are coming in in good quantities. Peonies are past their best on account of the heavy rains recently. Orchids and lily of the valley are in good demand for weddings. Some good snapdragons are still on the market.

NOTES.

S. Hudson, orchid expert with W. J. and M. S. Vesey, is expecting the arrival of a large shipment of dendrobiums soon. He is cutting some splendid cattleyas. The other stock at the Vesey greenhouses is in good shape. A number of rose houses are being planted at present with Ophelia, Sunburst, Shawyer and Russell roses.

At the Bushing-Busch wedding, June 16, beautiful house decorations were executed by the Flick Floral Co. Quantities of huckleberry foliage were used, and standards of Easter lilies and snapdragon and hampers of golden iris combined to make a very artistic decoration.

The Frank Knecht Co. is devoting several houses to Shawyer roses this year. In several of the houses the rose stock will be carried over. They are cutting some good Easter lilies, and their carnations are still holding their own.

The Doswell Floral Co. has been busy with commencement orders the past week. At the greenhouses the force is busy planting the rose houses.

The Bradley Flower Store reports a rushing week between the June weddings, commencements and a large amount of funeral work. H. K.

DETROIT, MICH.—The Caughey-Jassman Co. has been incorporated with a capital stock of $100,000. It will do a wholesale and retail seed business.

Forcing Roses
STRONG GRAFTED STOCK

		Per 100	Per 1000
Hoosier Beauty,	3-inch - -	$30.00	$275.00
Mrs. Aaron Ward,	3-inch strong -	10.00	95.00
Mrs. Aaron Ward,	4-inch strong -	15.00	120.00
Killarney,	4-inch strong -	12.00	100.00
American Beauty, Own Root, 3½-inch	-	10.00	95.00
Killarney Brilliant, 4-inch	- - - -	12.00	110.00
Prince de Arenberg, 4-inch	- - - -	12.00	110.00

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Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, $2.50 each. Poehlmann Bros. Co., Morton Grove, Ill.

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ASPARAGUS PLUMOSUS NANUS
Out of 2¼-in. pots,
$3.00 per 100; $25.00 per 1,000.
ASPARAGUS SPRENGERI
Out of 3-in. pots,
$5.00 per 100; $45.00 per 1,000.
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PITTSBURGH CUT FLOWER CO.,
116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS NANUS, strong, healthy plants from 3-inch pots, $4.50 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, $12.50 per 100; 2-inch, $3; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, $2.50 per 100; $20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus Plumosus, 2¼-in., $2 per 100; $18 per 1,000. Cash. Geo. Connors, So. Market St., Galion, Ohio.

Asparagus plumosus, 3-inch, nice bushy plants, $5 per 100. Cash please. Edgar Easterday, Nokomis, Ill.

ASPARAGUS PLUMOSUS.
Seedlings, 90c per 100; 2½-in., $3; 3-in., $5.
I. L. PILLSBURY, Galesburg, Ill.

Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus plumosus, 2-in. pots, $2 per 100; Sprengeri, $2 per 100; $17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

ASTERS.

ASTERS. Vick's finest cut flower varieties, from Vick's seed, assorted kinds, 2¼-inch pots, $1.50 per 100; $12.50 per 1,000. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

ASTERS: Astermum, Royal, Crego and Late Branching, transplanted, $3 per 1,000; 2-in., $1.25 per 100. Harry L. Doege, Glen Ellyn, Ill.

BAY TREES.

Bay trees, standards and pyramids; all sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Bedding plants: Alternantheras, alyssum, ageratum, begonias, Cobaea scandens, Coleus, Caladiums, dusty miller, rose geraniums, lobelias, marigold, primulas, Phlox Drummondi, petunias, salvias, smilax, Torenia Fournieri, verbenas, wandering Jew. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding plants: Alternantheras, ageratum, asparagus, cannas, centaureas, coleus, cupheas, dracaenas, fuchsias, geraniums, heliotropes, pansies, petunias, salvias, verbenas. Alonza J. Bryan, Washington, New Jersey.

Bedding stock: Fuchsias, alyssum, swainsona, achryanthes, lobelia, salvia, ageratum, begonias, sage, lantanas, pompon chrysanthemums, parlor ivy, lemon verbenas, geraniums, coleus, alternantheras, 2-inch pots, $2 per 100; $18.50 per 1,000; $175 per 10,000; 3-inch pots, $3 per 100; $25 per 1,000; $225 per 10,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Glory of Cincinnati, 2½-inch ready for 4-inch, $18 per 100; $1.50 per 1,000. Begonia Melior, 2½-in., $25 per 100. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Begonia Gloire de Lorraine, 3-inch, $18 per 100; $170 per 1,000. Glory of Cincinnati, 2-inch, $18 per 100; $150 per 1,000; 3-inch, $20 per 100; $175 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia, Glory of Cincinnati, 2¼-inch, fine plants, $15 per 100; $140 per 1,000. Lorraine, $12 per 100. Chatelaine, 2¼-inch, $5 per 100. Xmas Red, 2¼-inch, $6 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES, pyramids, choice trees 18 to 24 ins., 75c each; $7.50 per doz. Prompt shipment assured. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Freesias, California grown, mammoth, ⅝-in. and up, $1 per 100; $8 per 1,000; choice, ½ to ¾-in., 65c per 100; $5 per 1,000; 1st quality, ⅜-in. to ½-in., 45c per 100; $3 per 1,000. Vaughan's Improved Purity, ⅝-in. and up, $2.25 per 100; $18 per 1,000; ½-in. to ⅝-in., $1.75 per 100; $15 per 1,000; ⅜-in. to ½-in., $1.50 per 100; $12 per 1,000. Purity, ⅝-in. and up, $2 per 100; $18 per 1,000; ½-in. to ⅝-in., $1.60 per 100; $13 per 1,000; ⅜-in. to ½-in., $1.25 per 100; $10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, cold storage stock: Giganteum, 7-9-inch, 100 to case, $6 per 100; 7-9-inch, 300 to case, $53 per 1,000; 8-10-inch, 225 to case, $75 per 1,000; 9-10-inch, 200 to case, $90 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Freesia Purity and calla bulbs. Santa Cruz Bulb and Plant Co., 21 Pacific Ave., Santa Cruz, Calif.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, extra strong plants, 3-inch, $5 per 100; 4-inch, $8 per 100; $75 per 1,000; King Humbert, Richard Wallace, Souv. de A. Crozy, Pennsylvania, Mme. Berat, Pres. Meyers, Gladiator, Egandale, Venus, David Harum, Jean Tissot, Mrs. Kate Gray, Queen Charlotte. Poehlmann Bros. Co., Morton Grove, Ill.

CANNAS, 100 Louisiana, 100 A. Bouvier, 200 Crimson Bedder, 100 J. W. Elliott, 250 Allemania, 100 Pres. Cleveland, 100 L. Patry, 200 J. D. Eisele, 250 D. Harum, 100 New York, 400 Pres. McKinley, 100 Duke of Marlboro, 200 Chicago, 150 Chas. Henderson, 150 J. D. Eisele, 250 good red. Fine stock from 3-inch pots, $4 per 100. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

Cannas, assorted varieties, 3-inch pots, $3 per 100; $25 per 1,000. King Humbert, $4 per 100; $30 per 1,000. Gustav Gumpers, Mt. Blanc, Improved, Mrs. A. Conard, Rosea Gigantea, Wm. Saunders, $6 per 100; $50 per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Cannas, King Humbert, 3-inch, $5 per 100; 4-inch, $7 per 100. Florence Vaughan, 3-inch, $4 per 100; 4-inch, $6 per 100. Express, 3-inch, $5 per 100; 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

CANNAS, extra strong Chas. Henderson, Florence Vaughan, King Humbert, Richard Wallace, Hiawatha, 4-inch pots, $4.50 per 100. Willis H. Baldwin, Conshohocken, Pa.

CANNAS, good varieties, strong plants in 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

WE ARE ENTERING ORDERS FOR FIELD-GROWN CARNATION PLANTS, FOR LATER DELIVERY.
WILL MAKE EXCEPTIONALLY LOW PRICES ON ORDERS PLACED NOW.
PRICES WILL BE SENT UPON RECEIPT OF YOUR INQUIRY.
CAN SUPPLY THE BEST COMMERCIAL VARIETIES.
PITTSBURGH CUT FLOWER CO., GROWERS,
121 7th St., Pittsburgh, Pa.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

Chrysanthemums, from 2¼-inch pots: Smith's Ideal and Oconto, $6 per 100. Chieftain, Mary E. Meyer, Chadwick, Improved, Harvard, W. H. Chadwick, $4 per 100. Chrysolora, C. Touset, Donatello, Arlette Dubois, October Frost, Pacific Supreme, Smith's Advance, Yellow Frost, Col. D. Appleton, Bonnaffon, $3 per 100. Pompons: Golden Climax, Golden Harvest, Golden West, $4 per 100; Clorinda, Iva, La Purite, Lillian Doty, Minta, Nio, Quinola, $3 per 100. Anemones: Azelda, $6 per 100; Garza, $3 per 100. Singles: Josephine, Ladysmith, Little Barbee, Mensa, Mrs. Wm. Buckingham, Rob Roy, $3 per 100. Elmer D. Smith & Co., Adrian, Mich.

FROM OUT-DOOR STOCK PLANTS.
$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

FROM OUT-DOOR STOCK PLANTS.
ROOTED CUTTINGS ONLY—Immediate delivery—October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Bonnaffon, yellow	2.00
Chas. Razer, white	2.00
Dr. Enguehard, pink	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

CUT BACK PLANTS.

Well established in soil. Fine stock. Order early.

	Per 100
Salomon Gold	$4.00
Chrysolora	2.00
Ramapo	2.00
Robt. Halliday	2.00
Col. D. Appleton	2.00
Nagoya	2.00
Enguehard	2.00
Intensity	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Aglol, variegated	2.00
H. Hicks, brown	2.00
Mrs. Beu	2.00
Baby Margaret	2.00
Klondyke	2.00

CUT BACK POMPONS.

Diana	$2.00
Mensa	2.00
Quinola	2.00
Baby	2.00
Pretoria	2.00
Aglol	2.00
Tiber	2.00
H. Hicks	2.00
Golden Climax	2.00
Overbrook	2.00
Mrs. Astor	2.00
Excelsior	2.00
Sabey	2.00
Zenobia	2.00
Mrs. Cubit	2.00
Mary Richardson	2.00
E. D. Godfrey	2.00
Emile	2.00
Ladysmith	2.00

WIETOR BROS.,
162 N. Wabash Avenue, Chicago, Ill.

CHRYSANTHEMUMS ROOTED CUTTINGS.

For Immediate Delivery.

WHITE	Per 100	Per 1000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Virginia Poehlmann	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
YELLOW.		
Chrysolora	$2.00	$15.00
Ramapo	2.00	15.00
Golden Salomon	3.50	30.00
PINK.		
Amorita	$2.00	$15.00
McNiece	2.50	20.00
Chieftain	3.50	30.00

CHRYSANTHEMUMS FROM 2½-IN. POTS.

	Per 100	Per 1000
Smith's Advance	$2.50	$20.00
October Frost	2.50	20.00
Lynwood Hall	2.50	20.00

All first-class guaranteed stock.
J. D. THOMPSON CARNATION CO.,
Joliet, Ill.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Extra strong, well grown 2½-in. stock.

Unaka, early pink	$3.00 per 100
Lady Harriett, early pink	4.00 per 100
W. R. Brooke, late pink	3.00 per 100
Maud Dean, late pink	3.00 per 100
Patty, late pink	3.00 per 100
Pink Frick, late pink	3.00 per 100
Smith's Advance, early white	3.00 per 100
Polly Rose, early white	3.00 per 100
Early Snow, early white	3.00 per 100
Chas. Razer, midseason white	3.00 per 100
White Bonnaffon, midseason white	3.00 per 100
White Chadwick, late white	3.00 per 100
December Gem, late white	3.00 per 100
White Frick, late white	3.00 per 100
Comoleta, early yellow	3.00 per 100
Col. Appleton, midseason yellow	3.00 per 100
Ramapo, midseason yellow	4.00 per 100
Roman Gold, late yellow	4.00 per 100
Major Bonnaffon, late yellow	3.00 per 100
Wm. Duckham, midseason pink	$3.00 per 100
Chrysolora, early yellow	3.00 per 100
Golden Wedding, late yellow	4.00 per 100

POMPONS AND SINGLES.

The best varieties for commercial use.
Out 2½-in. pots, $3.00 per 100.
Baby, yellow, late;
Zenobia, yellow, early;
Irene Cragg, early white;
Marie Masse, early pink;
White Quintus, early white;
H. M. Smith, midseason pink;
Diana, white, midseason white;
Golden Star, late yellow;
Clorinda, late brown;
Newberry, late white.
Klondyke, yellow;
Mrs. F. Beu, bronze;
Garza, white;
L. Dondo, pink;
Mary Richardson, bronze;
John Gossweiler, bronze;

PITTSBURGH CUT FLOWER CO.,
116-118 7th St., Pittsburgh, Pa.

Chrysanthemums, rooted cuttings out of soil, also cut back plants; good stock; Nagoya, Dr. Enguehard, Robt. Halliday, Smith's Advance, $1.25 per 100. Pompons: Mrs. F. Beu, Diana, Pretoria, Zenobia, Emile, Yellow Baby, $1.25 per 100; $11 per 1,000. Cash please. JAMES PSENICKA, Gross Point, Ill.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2½-inch pots, $3 per 100; $25 per 1000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemum Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COBÆA, 3-inch, staked, $5 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS.

COLEUS, Golden Bedder, Firebrand and other best bedding sorts, $1.50 per 100; $12.50 per 1,000; strong 2-inch pot plants, not tall or leggy. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

COLEUS, 2-inch, mixed, $2 per 100; $18 per 1,000; 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

COLEUS, good assortment, 2½-inch pots, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

CROTONS.

Crotons, 3-in., 25c; 4-in., 35c; 5-in., 50 to 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

Cyclamen, pure white, white with red eye, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, dark red, Rosy Morn, brilliant red and bright red, 3-in., $8 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

CYCLAMEN.

Best strain of colors. Xmas Red, Wonder of Wandsbek (best salmon), Rose of Marienthal, Glowing Dark Red, White with Red Eye, Pure White. Strong plants out of 2¼-in. pots, $5 per 100 or $40 per 1,000. Satisfaction guaranteed. Cash with order, please.
J. H. FIESSER,
709-741 Hamilton Ave., North Bergen, N. J.

Cyclamen, large flowering, twice transplanted, shipped in paper pots, 3-inch, extra strong, $10 per 100; 3-inch, strong, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Cyclamen giganteum, 3-inch, ready for shift, $10 per 100; $90 per 1,000. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Cyclamen Gig., Wandsbek type, finest in existence, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $8 per 100; $75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

CYCLAMEN, nice 2½-in. large flowering; separate colors, including salmon pink, 5c. Harry L. Doege, Glen Ellyn, Ill.

Cyclamen, strong, 2½-inch, $6 per 100; 3-inch, $8 per 100. Vaughan's Seed Store, Chicago and New York.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracæna indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACÆNAS, good large bushy plants, 5 and 6-inch pots, $25 per 100. ELI CROSS, Grand Rapids, Mich.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

EVERGREENS.

WHITE PINES.

Magnificent specimens, several times transplanted; 10-12 ft., $9 each; 12-15 ft., $11.50 each; 15-18 ft., $15 each. All balled and burlapped. Strictly nursery grown.
D. HILL NURSERY CO., INC.,
Evergreen Specialists.
Box 404. DUNDEE, ILL.

FERNS.

100,000 good strong 2-in. FERNS: Boston, $3.50 per 100; $30 per 1,000. Springfieldii, 2½-in., $4 per 100; $35 per 1,000. Boston, Roosevelt, Springfieldii and Whitmani, 3-in., $8 per 100. Boston, 4-in., $1.50 per doz., $12 per per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.
THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers
SPRINGFIELD. OHIO.

California's well known, and most beautiful fern, "Five Finger;" strong stock, fronds 5-in. to 14-in. tall, $40 per 1,000; $20 per 500; $7 per 100. Woodwardia ferns same size and same price as "Five Finger." Prompt shipment. Ferns cash. T. E. HOFFMAN, Los Gatos, Calif.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Boston ferns, 4-inch, $10 per 100; 5-in., $20 per 100; 6-in., $40 per 100. Cash please. Edgar Easterday, Nokomis, Ill.

Boston ferns, 6-inch, 40c in pot. H. W. Allersma, Grand Rapids, Mich.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

GARDENIAS.

GARDENIA VEITCHII—Fine stock, 4-inch pots, $12.50 per 100; $100 per 1,000.
ROSE HILL NURSERIES, New Rochelle, N. Y.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GERANIUMS.

GERANIUMS, S. A. Nutt, Mrs. Buchner, Gen. Grant, R. C., $8 per 1000; $1 per 100. S. A. Nutt, 2-in., $1.80 per 100. Mme. Salleroi, 2-in., $1.50 per 100. Harry L. Doege, Glen Ellyn, Ill.

GERANIUMS, Nutt, Grant, Perkins, Viaud, La Favorite, 4-inch, $7 per 100. Variegated, Nutt, 2½-inch, $5 per 100. Silver leaf, 2-inch, $2 per 100. Rose geraniums, 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and other varieties, 4-inch, $8 per 100. M. C. Gunterberg, 158 N. Wabash Ave., Chicago.

25,000 S. A. NUTT, strong cuttings, well rooted, $1.25 per 100; $10 per 1,000. STOCK PLANTS, $5 per 100. Cash. THE W. T. BUCKLEY CO., Springfield, Ill.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, 3½-in. pots, $7 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Geranium S. A. Nutt, 4-inch, in bloom, 8c cash. H. W. Allersma, Grand Rapids, Mich.

GLADIOLUS.

GLADIOLI.

I can still supply America 1st size at $7 per 1,000 and 2nd size at $5 per 1,000; 250 at thousand rate.
E. E. STEWART BROOKLYN, MICH.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag. Perpetuated moss, $3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag; perpetuated moss, $3.50 per bag. E. A. Beaven, Evergreen, Ala.

HELIOTROPE.

HELIOTROPE, 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

HYDRANGEAS, Otaksa in bloom, from 25c to $3 each. Small plants, 3-inch pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

ENGLISH IVY, 20 to 30 ins. $3; from pots, 12 to 15 ins., $4 per 100. CHAS. FROST, Kenilworth, N. J.

GERMAN IVY, rooted cuttings, 60c per 100; $5 per 1,000. C. L. Van Meter, Monticello, Iowa.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

English ivy strong stock, 20c to 35c each. Poehlmann Bros. Co., Morton Grove, Ill.

HARDY ENGLISH IVY, 2½-inch, $2 per 100. WILLIS H. BALDWIN, Conshohocken, Pa.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

LILY OF THE VALLEY.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $8:50 for 500; $4.50 for 250; $2 per 100. Florists' Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

UMBRELLA plants, strong 3 to 5-inch pots, $10 to $25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

KENTIA BELMOREANA.
Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	8.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....$	0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-Up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28 ..$	1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high.	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high.	12.00

Very strong specimens. 15-inch tubs, 7 plants. $15.00, $18.00 and $25.00.
POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Palms, Kentia Balmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PALMS FROM SEED PANS.

	Per 100	Per 500
Washingtonia Filifera	$1.00	$ 4.00
Washingtonia Robusta	4.00	15.00
Chamerops Excelsa	1.00	4.00

C. S. TAIT, BRUNSWICK, GA.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PENNISETUMS.

Pennisetum, choice stock 2-inch pots, $3 per 100. JOSEPH BANCROFT & SONS, Inc., Cedar Falls, Iowa.

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crousse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work, 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

PETUNIAS, double mixed, 2-inch, $3 per 100; single, 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

POINSETTIAS.

POINSETTIA HEADQUARTERS.

True type, all top cuttings, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $7 per 100. Booked orders in advance for summer delivery. ERNEST ROBER, Wilmette, Ill.

Poinsettias, shipped in paper pots, $6 per 100; $50 per 1,000. Vaughan's Seed Store, Chicago and New York.

PRIMULAS.

Primula obconica grandiflora and Gig.; Primula Malacoides, transplanted seedlings ready to pot, $2 per 100; $18 per 1,000. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA, Miller's Giant, free flowering fine 2-inch, $2.50; 3-inch, $4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

RESURRECTION PLANTS.

Resurrection Plants—Cacti and Cacti Seeds. Wholesale and Retail. Get our rates. El Paso Curio Novelty Company, Box 378, El Paso, Texas.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Richmond, 2½-inch	3.00	25.00
Hadley, 2-inch	5.00	40.00
Killarney Brilliant, 2-inch	7.00	60.00
Milady, 2-inch	5.00	
Sunburst, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO.

FORCING ROSES.
Strong Grafted Stock.

	Per 100	Per 1000
Hoosier Beauty, 3-inch	$30.00	$275.00
Mrs. Aaron Ward, 3-inch, strong.	10.00	95.00
Mrs. Aaron Ward, 4-inch, strong.	15.00	120.00
Killarney, 4-inch, strong	12.00	100.00
American Beauty, own root, 3½-inch	10.00	95.00
Killarney Brilliant, 4-inch	12.00	110.00
Prince de Arenberg, 4-inch	12.00	110.00

Samples Sent on Application.
VAUGHAN'S SEED STORE,
CHICAGO, NEW YORK

Winter flowering roses, 3½ and 4-inch pots. Ophelia, Francis Scott Key, Mme. Edmond Rostand and Crimson Queen, $20 per 100. Mrs. George Shawyer, Killarney Brilliant, Sunburst, Prince E. C. d'Arenberg, Lady Hillingdon, Mrs. Aaron Ward, Killarney Queen, Richmond, White Killarney, $15 per 100. All of the above are grafted plants, with the exception of Francis Scott Key, Mme. Edmond Rostand and Sunburst—which are own root stock. F. R. Pierson Co., Tarrytown, N. Y.

OWN ROOT ROSE PLANTS.

	100	1,000
White Killarney, 3-inch	$7.00	$60.00
Richmond, 2½-inch	6.00	50.00

BENCH PLANTS.
Pink and White Killarney, one, two and three years old, $50 per 1,000.
A. T. PYFER & CO.
30 East Randolph St., Chicago, Ill.

Roses, 2,500 fine plants of the best bedding sorts grown for the catalogue trade. Stock kept dormant last winter, and is in splendid shape for out-door blooming; assorted kinds, our selection, 3-inch pots, $5 per 100; 3½-inch pots, $6 per 100 to close. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

OWN ROOT ROSE PLANTS.

	Per 100
3,000 Pink Killarney, 3½-in.	$6.00
1,000 Richmond, 3½-in.	6.00

HOERBER BROS.,
162 N. Wabash Ave., Chicago, Ill.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

ROSES.

GUARANTEED STRONG, HEALTHY PLANTS. ORDER QUICK.

	100	1,000
2,500 Pink Killarney, 2½-inch.....	$4.00	$35.00
1,500 White Killarney, 2½-inch....	4.00	35.00
1,000 Richmond, 3-inch	5.00	40.00

ADAM ZENDER,
6638 Ridge Avenue, Chicago, Ill.

Surplus stock of Mrs. Shawyer, White Killarney, Maryland and Richmond, 2½-in., $30 per 1000. L. B. Coddington, Murray Hill, N. J.

ROSE PLANTS, Kaiserins, My Maryland and other varieties, 3-inch pots, $6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

SALVIAS, 2½-inch, strong plants in bud and bloom, $2 per 100. Willis H. Baldwin, Conshohocken, Pa.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

Salvia splendens, 3½-in., $5 per 100. Leonard Cousins, Jr., Concord Junction, Mass.

Salvias, 4-inch, $7 per 100. Nick Reding, 6731 Ridge Ave., Chicago.

SEEDS.

SEEDS.

Amaryllis Hippeastrum, hand hybridized from very choice flowers, per 1000, $7.50. Larger lots a matter of correspondence.
C. S. TAIT, BRUNSWICK, GA.

Seeds, growers of choice varieties of peas and beans. John H. Allan Seed Co., Sheboygan, Wis.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent corn. The C. Herbert Coy Seed Co., Valley, Neb.

Pansy seed, giant flowering, oz., $4. Jos. H. Cunningham, Delaware, Ohio.

SMILAX.

SMILAX PLANTS, 2-inch pots, $2 per 100. HENRY SMITH, Grand Rapids, Mich.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

CELERY PLANTS, Golden Self-Blanching (French strain), fine plants, ready now, $2 per 1,000, cash. Special prices on large lots. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express 75c per 500; $1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

PLANTS. Postage and express prepaid. Celery, cabbage, beet, mangel, 100, 30c; 500, 75c; 1,000, $1.25; 10,000, $10. GLICK SEED & PLANT FARM, Smoketown, Pa.

Celery, nice strong outdoor plants, Gol. Self-Blanch. (French Strain). Columbia, Pascal, $1.50 per 1,000. Kehl Bros., R. D. 3, Canton, O.

VERBENAS.

VERBENAS, 2½-inch, in bud and bloom, 2c. Willis Baldwin, Conshohocken, Pa.

VERBENAS, transplanted, $1 per 100; $8 per 1,000; 2½-inch, $2.50 per 100. ERNEST ROBER, Wilmette, Ill.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, $12.50 per 100; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 4-inch, strong, 10 to 15 leads, 12 to 18 inches long, $10 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Variegata, 2½-inch, $3; 3-inch, $6; 4-in., $12 per 100. A. Henderson & Co., 369 River St., Chicago.

2000 choice 2¼-inch Vinca Variegata, $2.50 per 100, $25 per 1,000. W. A. Mitchell & Co., St. Joseph, Mo.

VINCA VINES, green and variegated, good strong vines, 3 and 4-inch pots, $8 per 100. ELI CROSS Grand Rapids, Mich.

Vincas, variegated, 4-inch, $10 to $12 per 100. Nick Reding, 6731 Ridge Ave., Chicago.

VINCA VARIEGATA 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.
MICHIGAN CUT FLOWER EXCHANGE.
38-40 Broadway, Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimates on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphis, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Fertilizers, bone meal, sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Model Extension Carnation Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Pexto Pruning Shears. Write for booklet. The Peck, Stow & Wilcox Co., Southington, Conn., and Cleveland, Ohio.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Continuous ring Carnation Supports, suit every bench. The Carnation Support Co., Connersville, Ind.

"Clipper" seed cleaners for cleaning and grading all kinds of seeds. A. T. Ferrell & Co., Saginaw, Mich.

Choice red cypress greenhouse material and tanks. Write for our prices. Alfred Struck & Co., Inc., 571 Garden St., Louisville, Ky.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

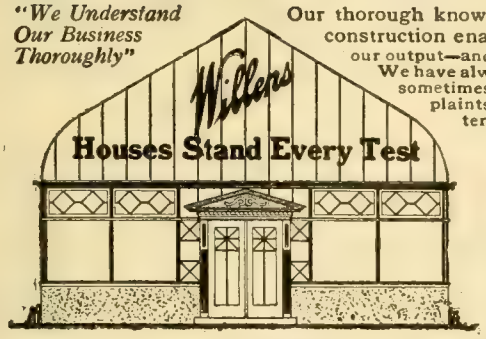
Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy works, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Save 10% to 20% on Greenhouses

"We Understand Our Business Thoroughly"



Our thorough knowledge of the finer points in greenhouse construction enables us to save that much on the cost of our output—and we are giving you the benefit of this saving. We have always given 100 cents value for every dollar—sometimes more. As we have never yet had any complaints, we lose nothing by guaranteeing our material against defects.

Willens Personal Service

Every bit of the work is personally directed by one of the Willens'. If we do the erecting, one of the Willens' personally supervises the work. Careful attention is paid to the minutest details, each of which is conducive to longer life and better greenhouse service. If you have never tried us or are dissatisfied in your past dealings with others, begin now to benefit by our service and material. Write us today.

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Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

Yours very truly,
L. Buckendorf,
Norfolk, Neb.

Willens Construction Co.

1529 S. Spaulding Avenue — LONG DISTANCE TELEPHONES: HARRISON 7073 — LAWNDALE 757 — Chicago, Illinois

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The name that assures "the most for the money" in

GREENHOUSES

Write for Bulletin No. 47 and you will see why.

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Choice Red Cypress Greenhouse Material and Tanks

Write for our prices.

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Everything for the Greenhouse

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Points the way to economy of fuel.

BEGIN NOW to find out about the "Morehead" system. Send right away for the "Morehead" book for florists. In it you will find an easily understood discussion of the boiler and condensation question from the practical standpoint of the Grower of Flowers. Write for this help TODAY.

MOREHEAD MFG. CO., Dept. "N" DETROIT, MICH. 304

Model Extension Carnation Support.

Made with two or three circles. Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes — Write for prices before ordering elsewhere. Prompt shipment guaranteed

Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N.Y.

The Clipper There are three things that destroy your lawns—Dandelions, Buck Plantain, and Crab Grass. In one season the Clipper will drive them all out. Your dealer should have them—if he has not, drop us a line, and we will send circulars and prices.

Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Dundee Lake, N. J.

Dundee Lake has quite a colony of florists, and though there are no large ranges a variety of stock is grown.

Charles Schilling & Son have several good houses and seem to be doing a good business.

Max Fuernning, in addition to other stock, is now cutting sweet peas, grown in the open.

At Starke's Dundee Lake greenhouses we found a great variety of pot plants and flowers for cutting.

P. De Manno, who has previously grown vegetables, is now planting chrysanthemums, and intends to go into cut flower growing. A. F. F.

DENVER, COLO.—J. A. Valentine, of the Park Floral Co., will celebrate another birthday anniversary June 26.

Established 1765 FOR "POT LUCK" USE Incorporated 1904

HEWS STANDARD POTS

POT MAKERS FOR A CENTURY AND A HALF. AND RED EARTHENWARE SPECIALTIES. WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass. WAREHOUSES: Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates
Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000	1¾-in., crate,	$6.00	456	4½-in., crate,	$5.24
1500	2 "	4.88	320	5 "	4.51
1500	2¼ "	5.25	210	5½ "	3.78
1500	2½ "	6.00	144	6 "	3.16
1000	3 "	5.00	120	7 "	4.20
800	3½ "	5.80	60	8 "	3.00
500	4 "	4.50			

HILFINGER BROS. POTTERY, Fort Edwards, NEW YORK.

August Rolker & Sons, 51 Barclay St., New York City Agents.

Our Specialty: Long Distance and Export trade.

Syracuse Red Pots
Standard Pots
Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.

SYRACUSE, - - N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per dozen by express; Sample dozen by mail, $1.25.

I. N. KRAMER & SON, Cedar Rapids, Ia.

Mention the American Florist when writing

Those Red Pots

"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'F'Y

HARRY BALSLEY, Rep. Detroit, Mich. 490 Howard St.

Mention the American Florist when writing

RED POTS

STANDARD AZALEAS PANS

HARLEY POTTERY CO., NASHVILLE, TENN.

Mention the American Florist when writing

RED POTS

that you will be proud to have on your benches, is the kind we have to offer. We use nothing but the best material and skilled labor and offer you a first-class pot at a popular price. All goods are carefully selected and packed, thus insuring full count upon opening your crates; isn't that worth considering?

We also have a full line of **Azalea Pots, Hanging Baskets** and other goods used by Florists—ask for catalogue.

We also make the famous **"Moss Aztec" Ware.**

The Peters & Reed Pottery Co.

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New York Office, 25 W. BROADWAY.

Waterproof, Don't Break, Cost Little.

NEPONSET
Flower and Vegetable Waterproof
Paper Pots

Vaughan's Seed Store, Agents, CHICAGO and NEW YORK.

Shippers may use them and save their customers many dollars in express charges.

The WHILLDIN POTTERY COMPANY
FLOWER POTS

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WAREHOUSE IN LONG ISLAND CITY, N. Y.

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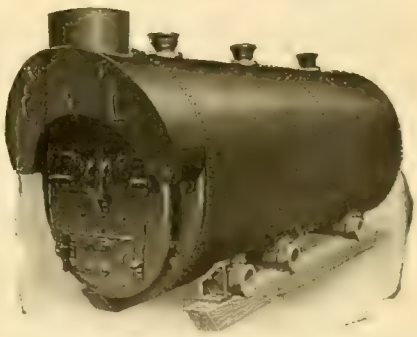

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

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AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I., July 15-16, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at Minneapolis, Minn., August 24-27, 1915. THOS. WALLIS, Chicago, President; BELLETT LAWSON, JR., Elmwood Cemetery Chicago, Ill., Secretary-Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition, New York, June, 1916. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

Pansies And Their Culture.

Pansy Improvements.

There are few plants that grow that are more popular than pansies; they are favorites with all and every year there is an increased demand for the plants. The only thing against them is, that owing to our very hot and dry summers, their season of beauty is so short, but even this short season can be extended considerably by care and cultivation. The specialists are devoting a lot of time to the improvement of the various types and strains, and when we consider the many fine sorts that we now have, it would seem that so far as beautiful colorings and blends are concerned, the acme of perfection has nearly been attained. The flowers are being steadily improved in size, so that nearly all of the beautiful colors are to be found among the giant types, and the care that is being taken in the selection of the self colors, makes it reasonably sure that when the choicest seed is obtained a large percentage of the plants will come true to color. The beautiful colors among the orchid flowered and the light pink or mauve shades are increasing in numbers each year and the same can be said about the curled or ruffled varieties. The season of flowering is also being extended, giving us the new early flowering strains for greenhouse culture and the improved giant flowering types that are considerably later than the others.

Types and Strains.

There are so many beautiful types that a lover of these flowers has a hard task to select a preference, but most customers seem to select the giant flowers of the Trimardeau type, Adonis, Comet, Lord Beaconsfield, Peacock and King of the Blacks, being among the favorites.

The Cassier superb strain of five blotched are also great favorites, especially the beautiful colorings of red and brown.

The Bugnot strains are also a favorite with us, as are the curled or ruffled varieties.

As a selection of varieties we would choose the following:

Lord Beaconsfield, light lavender and purple; Adonis, light blue, with white center; Madam Perret, shades of pink; Aurora, white; Emperor William, dark navy blue; Cardinal, Golden Queen, and the self yellow, white and black types.

Care of Seed Beds.

The seed beds must be shaded in some way, and the handiest method we have found is to make light wooden frames the size of the ordinary hot-bed sash and cover with fine muslin; these can be raised easily to give air as the seed germinates and can be removed without trouble when it becomes necessary to water the beds. The seed beds should be kept damp, but not over wet, neither should they be allowed to become dust dry.

As soon as the seed germinates and the young plants begin to appear the shading should be gradually dispensed with, excepting during the middle of very hot days, when a lath shade should take the place of the cloth, being careful that there is not any cause for close, humid conditions inside the frames.

As quickly as the young plants attain size enough to safely handle, the work of transplanting should be pushed forward without delay. It is very important that the plants get well established in their winter quarters before the cold weather commences. Well established plants will carry over winter without any trouble, but there is danger of the plants being worked up by frost if they are very small and not well rooted in the beds.

There should not be any coddling with pansies; the cold frames, with sash for covering, is all that is necessary for their winter quarters. It is best to let the frames remain open long enough for the beds to get frozen before putting on the sash. They will then remain in a firm condition all winter, but standing water in the frames from heavy rains must be guarded against. When the beds have not been well frozen up before the snow covers up the frames, the field mice give us a great deal of trouble by rooting through the beds and work-

ing up the plants. As soon as the very cold weather lets up early in the spring and the frost gets out of the beds the surface should be loosened up and all the weeds removed and every encouragement given the plants to make growth under the most natural conditions.

Summer Treatment.

Unfortunately pansies are not good hot weather plants, and if not watched carefully, quickly play out, but if the flowers are removed before they have a chance to seed, and the plants are given plenty of space, reasonable success can be obtained. Partial shade is necessary, but they will not do at all under dense shade. Pansies are also a little particular as to soil. The very best bed of summer pansies it has been my pleasure to see, was a bed where road sweepings and a liberal amount of well-rotted leaves had been used in the compost, thus insuring a moist condition at the roots all the time. This bed, with careful attention looked well until the fall.

General Culture.

The demand for cut flowers and plants of pansies makes it necessary that the up-to-date grower follow three different methods of culture. First, the summer sown stock for early spring planting; second, the winter culture for cut flowers or pans of plants in bloom; third, winter sown plants for late flowering and summer culture.

August 15-20 is the best time for sowing the seed for the early spring plants and those for winter flowering. Make up the seed beds in the outdoor frames, first loosening up and pulverizing the soil and adding a liberal amount of well-rotted manure and fresh, clean, sharp sand to well lighten it up; then be sure the bed is made even, with a slight slope to the front of the frame, so that there will not be any danger of one part of the seed bed getting wetter than the other. Before sowing the seed press the surface of the bed firmly with a flat tamper, after which it will be ready to sow the seed.

One of the most important points to bear in mind when undertaking this work is not to sow the seed too thick because of the danger of the plants damping off before they are large enough to transplant. It is much better to use an extra frame if necessary than it is to sow thickly. Scatter the seed thinly over the bed, then cover lightly with fine, sifted soil, pressing it down firmly; afterwards watering it in carefully through a fine sprinkler so as not to disturb the seed or the fine soil covering.

Spring and Summer Flowers.

The seed for this purpose should be sown in flats early in January and placed on a shelf near the light, and as the seed germinates and the plants become large enough for transplanting, this part of the work should be attended to, transplanting in shallow flats, setting the flats on shelves near the light, and as quickly as the weather conditions will permit (the latter part of March or early in April) the plants should be planted about four inches apart in a cold frame, using a live, light soil with a liberal amount of well-rotted manure mixed through it. With the usual attention to the care of watering and airing, these plants will be in fine bloom by the middle of May and make the best stock for summer flowering.

Culture for Winter Bloom.

The necessary requirements for a good supply of pansy flowers during the winter months are a light house, where a low temperature can be maintained and other conditions similar to that which is necessary for the culture of violets. Select the best of the fall transplanted plants, planting them into the benches during October or November six by six inches apart and treat the same as violets, giving particular attention to maintaining a low, even temperature and keeping the plants free of insects. For flowering plants in pans or pots, it is best to carry some plants in flats, so that they can be placed on shelves, and as the buds and flowers appear, potted up ready for sale. Pansy plants for winter culture require a live soil, but overfeeding will cause the plants to make heavy foliage at the expense of fine flowers.

SUMMER GARDEN DECORATION AT SCOTTISH RITE TEMPLE.
By Chas. P. Mueller, Wichita, Kan.

WEST HOBOKEN, N. J.—Three new greenhouses are to be erected by William Gullicksen in addition to his present range.

UTICA, N. Y.—Fire caused slight damage to the stock and premises of Martin's Flower Shop, at 39 Genesee street, June 15.

SUMMER GARDEN DECORATION AT SCOTTISH RITE TEMPLE.
By Chas. P. Mueller, Wichita, Kan.

SUMMER GARDEN DECORATION AT SCOTTISH RITE TEMPLE.
By Chas. P. Mueller, Wichita, Kan.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Washington's Retail Stores.

The national capital is indeed a beautiful city. The magnificent public buildings, the elegant private residences of its men of wealth, its wide streets and avenues, lined on both sides with handsome trees, the many monuments to national heroes, commemorative of deeds of valor, Arlington's great city of the dead, Rock Creek park, and a thousand and one other attractions, help to make Washington in many respects the first city in the land. The inhabitants living in such surroundings demand something in keeping with their cultivated tastes. Flowers appeal to them, their refining influence being essential to the every day life of the greater part of the people there.

To meet this demand, there are a number of first class cut flower stores, some of them quite pretentious, with their show windows filled with a wealth of bloom showing considerable art in their arrangement. That of the Messrs. Gude Brothers on F street is perhaps the largest, with a floor space 28x198 feet. There are two large show windows, which at the time of our visit—June 2—were nicely decorated, the color scheme in one being yellow, with yellow roses and coreopsis in gilt baskets and vases; the other side pink, with large and small baskets arranged principally with roses. Along the walls in the store were palms and ferns and many vases of peonies, then in their prime. The large flower case across the store, about seventy-five feet from the front, contained quantities of cut flowers; a number of vases were filled with Radiance roses, which are popular here. In front of the case is a large table or counter, in which are placed vases of roses from the case for inspection and for putting up boxes of cut flowers. A customers' card case and desk occupies the front end. In the rear of the flower case is the work room, where most of the making up is done; it is very commodious. Still farther back is a large greenhouse, underneath which there is space for motor cars, of which the firm has a battery of seven. They can be loaded here safe from the weather. The clerical force for this business numbers 30 persons, which includes the staff of their wholesale business of considerable volume, all of which is conducted under the same roof. Wm. F. Gude is superintendent of the store, while his brother Adolph manages over three hundred thousand feet of glass, and considering the quantity grown, turns out a splendid grade of stock.

In J. H. Small & Sons' handsome store, a feature was the windows decorated with silvered southern smilax. This had been prepared and used for a silver wedding anniversary, an idea that could be profitably employed by many of the trade.

Quite expensive corner stores are occupied by a number of the trade.

Blackistone's at 14th and H streets, is all show windows on both streets, and keeps them well and artistically filled with choice salable flowers. A decorative feature was a large gilt eagle made of separate leaves of the leucothoe spray for the neck, breast and small wing feathers, while the large pinions were of small cycas leaves. The head was carved from plaster of Paris. It stands with outspread wings about three feet across, is very well proportioned, and makes an attractive feature to the store. A half-story balcony affords storage and a place for display of baskets, the railing being lined with them; also choice made up magnolia wreaths.

Another conspicuous corner store is that of George Shaffer, at 15th and I streets. Like Blackistone's his front on both streets is deep show windows kept well filled with the choice of the market. A feature was two large pieces of Fungii rosettes about one foot in diameter, which appeared to be growing from cork bark. A decorated balcony was also a feature here.

Marche & Co.'s store, 14th and H streets, is also all windows, which presented a very showy appearance. Some splendid peonies were headliners here.

The Washington Floral Co. have a commodious store at 14th and G streets, and appear well satisfied with the business. Roy Harper, a "Philadelphia boy," is manager here.

George H. Cooke's fine store on Connecticut avenue is up-to-date in every respect, and caters to the first class trade that reside in the magnificent residences of that section of the city.

In the always busy store of Fred Cramer on F street, there was a great show of stocks; bedding plants were featured, a large assortment being carried in the large greenhouse in the rear and an enticing display made on the pavement in front of the store. A low priced business is the feature of this store, the motto being many sales and small profiits. A large stock of made up magnolia wreaths is always on hand, those for cemetery decoration being made up with artificial waxed roses, carnations and sweet peas. Mr. Cramer is a great believer in printer's ink, and in some of his special sales has turned a wonderful lot of stock.

O. A. C. Oehmler, a graduate of the Gude establishment, has a nice shop on 14th street. A half-story balcony furnishes additional room, and on the railing is a good display space for baskets and made-up wreaths, etc. Turtles in a water pool in one window had prominent politicians' names on their backs, and attracted considerable attention.

There is the large J. R. Freeman store; also Mayberry's, and a number of other stores which do quite a business, as well as the market stands, where a large trade is done. The heavy rain handicaped traveling, so that the ground was not fully covered, but enough was seen to show that the business is in the hands of live men, who are up-to-date and compare well with their brothers in other large cities. K.

Racine Floral Co.'s New Store.

The Racine Floral Co.'s new store at Racine, Wis., is one of the prettiest and most conveniently arranged retail establishments in the state. The new building was completed last December at a cost of $13,000. It is three stories high and the main floor is devoted to the store proper with the basement equipped for a work and store room and the remaining two floors are used for business offices. The entire structure was built along modern lines and to give one a little idea how well the scheme was carried out, all the waste is thrown into a little chute directly back of the counter and drops into a fireplace at the bottom of the chimney and not into the boiler proper. Each story has a separate fireplace in the chimney and this is one of the cleverest ideas that any one ever had the pleasure to find in a retail store. The Kerner Incinerator Co., Milwaukee, Wis., have applied for a patent on the new equipment and any one intending to build a new place would do well to investigate it. The color scheme of the entire store is carried out in the old iron gray effect and taken all in all the proprietors have every reason to feel proud of their new establishment and the conservatory that adjoins it. R. E. Miller and wife, the proprietors, have been engaged in business here for the past six years and have been very successful, which is due chiefly to the fact that they have both attended strictly to business at all times.

Funeral Designs by H. G. Eyres.

The accompanying illustration shows six floral pieces designed by H. G. Eyres, 13 North Pearl street, Albany, N. Y., for the funeral of Patrick J. McArdle, a prominent citizen and business man of that city, who died May 9, 1915.

The large cross in the center of the group is seven feet high, and is of lily of the valley and cattleyas, with American Beauty roses adorning the base. The standing heart is of Milady roses, the standing wreath of carnations and the other wreath of Killarney roses.

R. D.

FLORISTS' PALMS.

Seasonable Requirements.

At this season the stock should be growing on nicely, the spring potting being completed and the houses cleaned up in most establishments by the middle of June, the exception being found in those that do a late shipping business, which sometimes prevents the annual clean-up from being accomplished before July 1. So cool a spring as that we are just completing naturally means that some artificial heat has been needed to keep the stock in condition and to dry up unnecessary moisture at night, for a drop in temperature of 25 to 30 degrees at night, such as has not been infrequent this season, requires a little fire heat to counteract it.

Syringing and watering are best attended to before noon, so long as the weather stays cool, thus giving the foliage a chance to dry off, but during the hot and dry periods that usually come with July, syringing may well be done later in the day, and at whatever time this work may be done the operation should be thorough, throwing the spray both under and over the foliage, for it is not unusual to find red spiders on the upper surface of palm leaves when the syringing has been carelessly done. Red spider, as every grower knows, will succumb to water properly and forcibly applied, but thrips are not easy to overcome with that treatment alone, and usually require nicotine in some form to dislodge them.

The various scale insects have to be treated with soap solutions, and it is owing to this fact that various soaps that contain more or less nicotine are found useful to the palm grower, being applied either as a dip or a spray, such preparations having more or less effect against the numerous insects that are likely to appear from time to time. It is sometimes hard to tell where an attack of insects originated, but it is within the experience of many palm growers to see scale appear on the stem and first leaf of a seedling palm, the source of infection having been insect-infested seed, and the young insects having fastened themselves upon the first growth from the seed. Such cases may not be common, but nevertheless, are not easy to combat, for the insects get a good start before they are noticed, and some of them are readily overlooked that are located near the surface of the soil.

Shading is one of the essentials in palm growing at this season, but is frequently overdone, successive coats of the shading material being applied until a sort of twilight gloom is seen in the houses. This practice produces a long-stemmed and soft growth that does not stand up very well when the plants are sent out, and therefore cannot be recommended. Give a sufficient shade to prevent burning by means of defective glass, and to keep the temperature within reasonable bounds, but allow sufficient light to keep the plants in good, serviceable condition.

Of the many shading materials that may be used upon the glass, whitewash is the cheapest in first cost, but is also one of the most injurious to the paint and putty, and for this reason the majority of growers use preparations of white lead and naphtha, or else whiting and kerosene with enough linseed oil to make it hold to the glass until the autumn, an old but satisfactory formula for the latter being as follows: Six pounds of whiting, one gill of linseed oil and two gallons of kerosene, this mixture being thoroughly stirred up and kept stirred during the time of application. If a light shading is required the mixture may be applied with a spray pump or syringe, but if an even coat is desired it is better to put it on with a whitewash brush.

During the spring and summer months is the time that palm seeds are received from the importers, but owing to the war and the consequent irregularity of shipments from abroad it will no doubt be somewhat uncertain as to the arrival of such stock, and those who

RACINE FLORAL CO.'S NEW STORE, RACINE, WIS.

FUNERAL DESIGNS BY H. G. EYRES, 13 NORTH PEARL STREET, ALBANY, N. Y. (SEE TEXT).

have been unable to prepare for such a condition beforehand may find themselves short of young stock for next season, the experience of last season with kentia seeds being very likely to be repeated, when the long delays in shipping were the cause of serious loss to the purchasers of such seeds.

Under the most favorable conditions kentia seeds have a long voyage from the South Pacific to the American consumer, and unless they are carefully packed are quite liable to heat in the cases, and thus to lower the percentage of germination much below the normal and in addition to this the seeds are seldom selected as to their maturity at the time of picking, these various items being all to the disadvantage of the ultimate consumer. Seeds of Cocos Weddelliana being usually of South American origin, are not so long in transit, and properly packed by the shipper are more likely to arrive in good condition. The same conditions may be said to apply to Areca lutescens, such stock being sent from Brazil. The latter seed, however, is not a very good keeper, and when dried out too much in transit seldom germinates satisfactorily. A fairly satisfactory method of testing the quality of many palm seeds is to empty a given number of the seeds into a pail of water and then to count the seeds that float, the floaters being seldom of much value, being either immature or else too much dried out to germinate.

But under any circumstances, palm seeds should not be allowed to lie around after their arrival, but should be planted in rather light and open soil, kept moist and given heat enough to maintain 65 to 70 degrees at night.

In handling young palms in 3-inch pots and upward it is a frequent practice, and a very good one, to put enough coal ashes or sand on the bench to allow the pots to be plunged half their depth in that medium, thus allowing the plants to be syringed forcibly without danger of knocking them over, for to produce shapely and stocky plants it is necessary to space them out to some extent on the bench. The larger plants will also have been spaced out at the time of repotting, and if they are set over from time to time and turned around in order to keep the stems erect, the individual plants will not only be better, but the batch as a whole will prove more attractive to a prospective buyer.

W. H. TAPLIN.

American Sweet Pea Society.

In last week's issue we published a full account of this exposition by our San Francisco representative and now take pleasure in supplementing his report with notes by the manager of the show. President Morse, of the American Sweet Pea Society, commenting on the show, says: "We had a wonderful show which lasted three days. On Friday the exposition officials recognized the occasion and designated the day as 'Sweet Pea Day,' sending Commissioner Chas. Vogelsang, who, in a neat speech presented the president with a bronze plaque in commemoration of the event. They also furnished a brass band of 40 pieces and gave us every attention. Papers were read by F. G. Cuthbertson and Mrs. Scannavina, president of the State Floral Society. The show was extremely popular and thousands of people visited it, packing the aisles from morning until 10 o'clock at night on each of the three days. I doubt if a more successful show was ever held in California. Nothing but sweet peas were shown and Mr. Cuthbertson's notes report the classes and winners very accurately."

MANAGER CUTHBERTSON'S NOTES.

The flower show of the American Sweet Pea Society was successfully opened, June 11, in magnificent weather, at the Palace of Horticulture, Panama-Pacific exposition. The management had to change the date hurriedly twice on account of the weather and it says much for the enthusiasm of the California growers that such a show was attained. The vestibule of the Palace of Horticulture was filled to overflowing with magnificent sweet pea blossoms. Perhaps the greatest feature of the show was the floral designs, which reflected great credit on the local florists.

During the afternoon Commissioner Voglesang, representing the president of the exposition, presented L. L. Morse, president of the American Sweet Pea Society, with a bronze plaque. President Morse replied and expressed his pleasure at being able to hold such an exhibition at the Panama-Pacific exposition. During the afternoon the show was thronged with visitors and from all accounts, the California sweet pea show has come to stay.

The judges for the gardeners and amateur classes were: Fred H. Howard, of Howard & Smith, nurserymen, Los Angeles, Calif.; Emory E. Smith, of Emery & Smith, San Francisco, Calif.; John McLaren, superintendent

of parks, San Francisco. The decorative classes were judged by G. A. Dennison, chief of horticulture, Panama-Pacific exposition. Following are the prizes awarded:

Championship of California—This was won by David Bassett, gardener for Louis Stern, Menlo Park, Calif., with well grown examples of Elfrida Pearson, Illuminator, Margaret Atlee, King Edward Spencer, New Margaret Madison, Nubian, King White and Mrs. Cuthbertson. The flowers showed high culture and were excellent in size and form. The second prize went to Mrs. R. Greig, Berkeley, Calif., whose blossoms were very nice examples, but not so well grown as the first prize lot. The third prize went to Mrs. R. P. Reed, San Francisco, Calif., who showed nice clean flowers. The competition in this class was very keen and the judges were given considerable work to arrive at their decision. This was the "star" class of the exhibition.

Class 2—The prize for this class was donated by W. Atlee Burpee & Co., Philadelphia, Pa., for the finest 12 vases of Spencer sweet peas in 12 distinct varieties to include at least three of the following: Burpee's Florence Nightingale, King White, Orchid, Wedgwood, Illuminator, Mrs. Routzahn. Unfortunately there was only one entrant for this class, but the flowers were deserving of the first prize awarded. This went to Emile Ralston, San Jose, Calif.

Class 3—For six vases Spencer sweet peas, prizes donated by Peter Henderson & Co., New York. E. A. Richards, of Berkeley, Calif., carried off first prize, with nice, clean, well-grown Mrs. Cuthbertson, New Margaret Madison, King White, Nubian, Margaret Atlee and King Edward Spencer. This was one of the cleanest looking displays at the exhibition. The second prize was won by S. M. Spaulding, Menlo Park, Calif., with very fair examples. The third prize was awarded Joe Penicka, Stanford University, Calif., with good flowers, but stems rather short.

Class 4—For the best vase of lavender Spencer sweet peas, prizes donated by the American Sweet Pea Society. S. M. Spaulding carried off first prize, with good examples of Asta Ohn. The competition in this class was extremely keen. Roy L. Donley, Berkeley, Calif., was a close second, with fine flowers.

Class 5—For best vase of pink Spencer sweet peas, prizes donated by Waldo Rohnert, Gilroy, Calif. David Bassett won first prize with a splendid vase of Elfrida Pearson. Mrs. T. Sachau, San Leandro, Calif., was a close second with a delightful example of New Miriam Beaver.

Class 6—Open to all, prizes donated by Waldo Rohnert, Gilroy, Calif. Roy L. Donley carried off first prize with a good vase of King White, as the best vase of white Spencer. Emile Ralston was a close second, also with a vase of King White.

Class 10—For the best vase of any grandiflora sweet pea, mixed included. The competition was not at all keen in this class and was found to be the only grandiflora sweet pea exhibit in the show. The first prize was won by John Smith, of Berkeley, Calif. The second prize was awarded E. F. Delger, Menlo Park, Calif.

Class 12—For cup presented by the Braslan Seed Growers Co., San Jose, Calif. David Bassett was again winner with a magnificent setting. Rosabelle and Mrs. C. W. Breadmore were especially fine.

Class 13—For six vases Spencer sweet peas, for the silver medal of the American Sweet Pea Society. Roy L. Donley won first honors with well grown Margaret Madison, Elfrida Pearson, Sunproof Crimson, Illuminator, King White and Margaret Atlee. Mrs. Annie Jennings, Menlo Park, Calif., carried off the second prize with splendid examples, in which Stirling Stent was especially fine.

Class 14—For the best vase of bicolor sweet peas. The prize was carried off by John Smith with a good vase of Loyalty. Had the judges been strict, do not think this variety should have been considered a "bicolor," and in view of the strong competition Mr. Smith should be considered fortunate.

Class 15—For best vase of red Spencer sweet peas. The first prize was won by Mrs. T. Sachau with well grown King Edward Spencer.

Class 16—For best vase of pink Spencer sweet peas. This prize was won by John Smith with a splendid bunch of Mrs. Hugh Dickson.

Class 17—For best vase of cream Spencer sweet peas. The prize was awarded Mrs. T. Sachau with good examples of Margaret Atlee.

Class 18—For best vase of Spencer sweet peas in the exhibition. The prize was again awarded to John Smith.

Class 19—For the most gracefully arranged vase of sweet peas, mixed colors. The prize was won by Miss Evelyn McLean, San Francisco, Calif., with a very pleasing and dainty combination of New Margaret Madison and New Miriam Beaver. In this display no foliage was used outside of a few sprays of sweet peas. The competition in this class was very keen and the exhibits attracted a great deal of attention during the afternoon.

Class 20—For the best display of sweet peas arranged on tabling 3x6 feet, for prize donated by G. A. Dennison, chief of horticulture, brought forth a fine display. The honor was carried off by the Lynch Nursery Co., Menlo Park, Calif., who had a grand lot of flowers, all fine, fresh colors.

Class 23—The president's prize, a handsome silver cup. There were four entries for the president's cup and all were highly meritorious. The prize was awarded to the Francis Floral Co., San Francisco, Calif., for a jeweled bridal parasol design. The design stood 10 feet high and each section of the parasol was a different color of Spencer sweet peas. The design was certainly unique, attractive and skillfully carried out. The other designs were all deserving of high praise and were as follows:

Pelicano, Rossi & Co., San Francisco, Calif., exhibited a design representing "Liberty Bell," standing about 5 feet 6 inches high and worked in white Spencer, Helen Lewis, King Edward Spencer and Constance Oliver.

Frank R. Clark, of the Blossom Shop, showed a very handsome and original design representing the Tower of Jewels at the Panama-Pacific exposition. Mr. Clark deserves high commendation for his work and the judges had great difficulty in passing up his exhibit.

Mrs. R. E. Darbee, San Francisco, Calif., exhibited a piece covering about 50 square feet, representing the Horn of Plenty. This, too, was a very high-class piece of work and Mrs. Darbee is to be congratulated on her splendid effort.

Class 24—In the class open to seed growers and seedsmen, C. C. Morse & Co., San Francisco, Calif., put up a magnificent collection, covering 200 square feet and representing 200 varieties of Spencer sweet peas. The display was the best ever seen on the coast and perhaps the finest ever put up in America. New Miriam Beaver occupied the center of the exhibit and showed off to splendid advantage against the black velvet background. Countess Spencer and Margaret Atlee made the two corner posts for the display and both were finely shown. The new Morse variety, Scintillator, a cream ground Aurora, aroused great interest. The jury recommended that an award of merit be given to this variety.

To add interest to their exhibit Morse & Co. showed a small vase of the old original blue and purple sweet pea, then to represent a stage further advanced, a vase of grandifloras and a vase of Giant Spencers, cut from their exposition garden, having stems 25 inches long and large, beautiful blossoms. The exhibit was awarded the gold medal of the British National Sweet Pea Society and was recommended by the jury of awards for a medal of honor from the exposition.

W. Atlee Burpee & Co., Philadelphia, Pa., were awarded the silver medal, presented by the British National Sweet Pea Society, for their splendid display, covering 100 square feet. The

OFFICERS AND EXHIBITORS OF AMERICAN SWEET PEA SOCIETY'S SHOW, SAN FRANCISCO, CALIF., JUNE 11-13.

varieties were all well grown and nicely set up by Mr. Ellings, of the Lynch Nursery Co., Menlo Park, Calif. The center portion of the exhibit was entirely given over to the Burpee magnificent novelty, Fiery Cross, and which attracted a tremendous amount of attention all day on account of its brilliant color. The jury of the Panama-Pacific exposition recommended that a gold medal be awarded W. Atlee Burpee & Co. for their exhibit. The collection included about fifty of their leading novelties and especially fine vases of Margaret Atlee, Thomas Stevenson, Helen Grosvenor, King Manuel, Stirling Stent and King Edward Spencer. Messrs. Burpee & Co. are to be congratulated on the spirit they showed in arranging for this exhibition at so great a distance from Philadelphia. An award of merit was voted for Fiery Cross.

The L. D. Waller Seed Co., Guadaloupe, Calif., put up a very fine exhibit. In spite of the long distance which the flowers had to travel, they arrived at the show in fine condition, thanks to excellent packing. Mr. Waller was present in person to set them up, and the flowers in arrangement did him every credit. The silver gilt medal awarded was well deserved.

Waldo Rohnert, Gilroy, Calif., exhibited a collection of 50 varieties, standard sorts, but the flowers were not as fresh as Mr. Waller's.

Ant. C. Zvolanek, Lompoc, Calif., showed a collection of early flowering Spencers and general Spencers, gathered from his exhibit in the gardens of the Panama-Pacific exposition. The varieties of early flowering Spencers were very attractive.

Cleveland Fall Show.

That the Cleveland Florists' Club works as a unit and believes in supporting financially things that the club decides to do, was thoroughly demonstrated last week when the committee in charge of the Cleveland flower show started to raise the guarantee fund necessary to back their show. June 15 was decided upon by the committee, as the day to put on their well thought out campaign. As a result of this day's work of five teams of five men a total of about $7,000 was reported that evening and additional amounts have come in during the past few days, increasing the total to $7,500, which is $1,500 more than was necessary to raise. The Ohio Horticultural Society subscribed one-half of the guarantee, making the total of $12,000.

The official floor plan of the flower show was mailed to prospective exhibitors a few days ago. The arrangement of trade displays is a very good one, as they are distributed along the four walls of the building. Because of the fact that there are no balconies in the Coliseum, all of the spaces are good ones. The committee in charge anticipate a good representation of principal manufacturers and dealers in supplies because of the large number of applications they have had during the first few days since the floor plan was sent out. That this show is going to be one of national importance, and that the attendance of growers from all portions of the country will be large, is an assured fact according to the general talk among those who know. The dates settled upon are November 10-14. GEORGE BATE,
Chairman Publicity Committee.

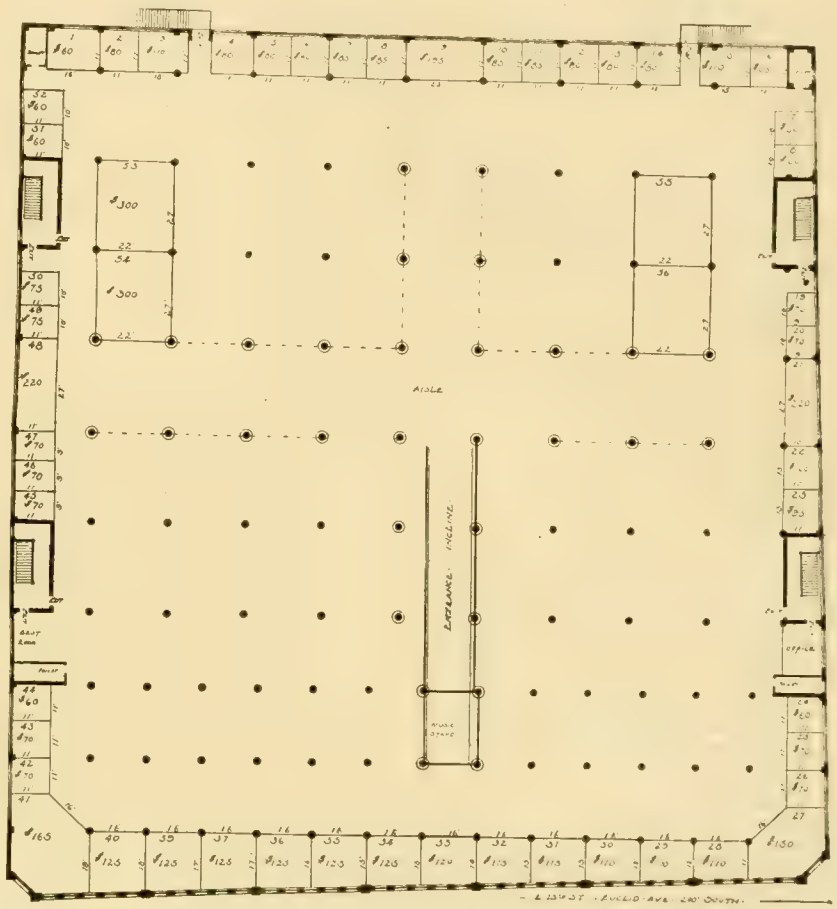
Rochester Flower Show.

Rochester, N. Y., is arranging for an elaborate flower show to be held August 30 to September 11. It is to be held under the auspices of the Rochester exposition, declared to be the biggest municipal exposition in the United States, which is now in its eighth year, and is attended annually by upward of 250,000 people. This is the first year of the flower show, and if it meets with the same success as have the other departments of the exposition, the Rochester flower show will soon be recognized as a national event.

The exposition includes many of the best features to be found at big state fairs and is attended by people from all over the country. Co-operating with the management of the exposition is a committee of five members of the Rochester Florists' Association, which has an enviable record for the artistic nature of its flower shows. The members of the committee are George B. Hart, chairman, who is the president of the local Florists' Association; Charles H. Vick, of James Vick's Sons; Harry E. Bates, of Lord & Burnham Co.; Fernando J. Keller, of J. B. Keller's Sons, and A. H. Salter, of Salter Brothers. Until last year, Mr. Vick was superintendent of the flower show at the New York state fair at Syracuse, and is well known to growers and florists everywhere. This year he is devoting his entire energy to the Rochester flower show.

It is the hope of the committee to make Rochester the meeting place for the grower and the florist, the seedsman and the importer. As an inducement for the big growers and seedsmen to exhibit their plants, flowers and other products at Rochester, the committee makes the very attractive proposition of free space for all exhibitors. There is to be absolutely no charge of any kind for space or entry fees.

One of the best buildings at Exposition park, which is owned by the municipality, has been assigned to the flower show. It contains upward of 20,000 square feet of unobstructed floor space, with high skylight roof, well equipped with water and sewer outlets; in fact, having been constructed specially for exhibition purposes, it is provided with every convenience, and those who go to Rochester will undoubtedly find it to be the most ideally adapted hall for a flower show that they have yet encountered.



CLEVELAND FLOWER SHOW OFFICIAL FLOOR PLAN.

Not only does the committee purpose to exert every effort to have the biggest growers in the country make exhibits, but they also intend to see that the retail florists and others interested in the trade go to Rochester. It is believed that the Rochester show will furnish a splendid opportunity for business, bringing the growers and retailers together to get acquainted.

The city of Rochester has a population of 250,000, with another three-quarters of a million within a radius of 50 miles. With this immense population and with the personal invitations to be sent out to the florists of all the eastern states, there will undoubtedly be a big attendance. Not only the interests which appeal to the growers directly, but also to their families, will be an extra inducement to visit the

Rochester show. The exposition's motto is "entertaining, educational and inspirational." Its horse show is second to none in the country. The best known stables in the country exhibit their blue ribbon horses. The Art Loan exhibit brings together oil paintings and water colors by the famous artists of America. The display of fruits and vegetables is unrivaled in this country. The central location of the city, with its numerous railroads, affords excellent facilities for easy access; its excellent park system, its beautiful drives, its fine residential sections, with their lawns, shrubbery and planting, will attract growers both private and commercial, as well as the trade in general.

Texas State Florists' Association.

Houston, Tex.—After a canvass of the florists of Houston, I find that all but two will be in attendance at Ft. Worth.—Paul M. Carroll.

San Antonio, Tex.—I have talked to the florists of San Antonio. They are all enthusiastic about the Ft. Worth convention—90 per cent of them will be on hand.—F. C. Suchy.

Austin, Tex.—I phoned all the florists of Austin; every one to a single man says he is planning to go to the convention.—Chas. Alff, Jr.

Waco, Tex.—I hope there will be no big business in Waco, during convention week, for every florist, and most of the employees, are planning big on the convention.—T. J. Wolfe.

Sherman, Tex.—Florists of this city and nurserymen will be at the convention with bells on.—A. F. Koehle.

Galveston, Tex.—Galveston florists are going to lock up shop, July 6-7, for they certainly expect to attend the Ft. Worth convention.—Mrs. M. A. Hansen.

Alvin, Tex.—Alvin is a small town, but, believe me, we will make a large showing at the Ft. Worth convention. I think every florist is going.—Mrs. J. W. Carlisle.

Corsicana, Tex.—The florists of this city are anticipating a fine time at Ft. Worth.—Wm. Clowe.

Denison, Tex.—Denison florists will be in Ft. Worth during the convention.—Miss Allie Bird.

Dallas, Tex.—The Dallas Florists' Club will go to the convention in a special interurban car. I know of no one who expects to stay at home. I will bring four employes besides myself.—Otto Lange.

El Paso, Tex.—It is a long jump from El Paso to Ft. Worth, but we feel the trip and expense worth while. Count on a good delegation from El Paso.—Patten Floral Co.

Ft. Worth, Tex.—Everything is in readiness for the convention. I have had notice of shipments of many exhibits. Convention hall is in shape and ready for staging. The Florists' Club has completed all details. The Chamber of Commerce and merchants of the city are going to co-operate to the fullest extent. Everything looks bright for a grand time.—W. J. Baker.

Boston.

PRICES BELOW NORMAL IN ALL LINES.

Aside from the demand for roses, business in every line was far below normal during the past week. As a rule the public-school graduations and other June functions have created a demand for flowers, but since flowers have been forbidden at these graduations, the sale has greatly decreased. Harvard "class day," which was held June 22, also was rather a disappointment to growers. Dark red flowers usually brought good figures, but carnations brought only $1 to $1.50 per 100 and roses were not affected to any great degree over the prices of the whole week. The prices on roses ranged from $1.50 to $16 per 100, the demand being for the shorter stemmed grades. Hadley, Russell, Ophelia and Wards were the leaders. Carnations moved slowly at from 75 cents per 100 to $2 per 100 on extra fancy stock. Outdoor sweet peas have become more plentiful, 35 cents and 50 cents per 100 being realized for them. There is a large quantity of outdoor bachelor buttons being shipped to the markets and prices are very poor, 25 cents per 100 being about the best figure for the average stock. Quite an amount of herbaceous novelties are being marketed, but the demand seems to be very light.

June 28.—Business is exceptionally quiet. Prices on every line have droped and the growers who were able to completely dispose of their stocks considered themselves fortunate as the markets are unusually devoid of buyers.

NOTES.

Frank Dolansky, Lynn, Mass., is cutting some very fine Cattleya Dowiana as well as C. Gaskelliana and C. Mossiæ. His gardenias are also of very fine quality. His retail store at Lynn is still doing very well after a prosperous winter.

Maurice August, proprietor of the Dudley Street Flower Stand, married Miss T. Levy of Dorchester, Sunday, June 27. The couple have gone to New York for a short honeymoon.

John Barr, South Natick, Mass., purchased a new six cylinder Chalmers motor car. He is very much pleased with it and will spend his summer touring Massachusetts.

The Boston Flower Exchange and The Boston Co-operative Flower Market will close at 12 o'clock noon on Saturdays during July and August.

Joseph Sloan will leave Boston, July 5, for Roland Park, N. H., where he will spend his vacation after a very strenuous season's business.

W. C. Ward, East Milton, Mass., has retired from business and is offering his place for sale. F. L. W.

Pittsburgh.

MARKET ABSOLUTELY FLAT.

The market may now be considered as being absolutely "flat" here in this city, and we may say that business has left us for good for the remainder of the summer. With all the June weddings and commencements now over, we have nothing in particular to look forward to until fall, excepting the usual amount of funeral work. The hot spell, which we experienced last April, advanced the state of carnation plants so much that for this reason, together with the hot sun, the blooms have become very small and dry, and a few more weeks will probably finish the season for them. Roses, too, are far below their usual standard, and the cool nights have caused quite an amount of mildew to settle on the foliage of the plants. In spite of this, roses are now bringing much better returns than they have for the past few months. American Beauties, with some growers, are off crop for the summer months. Outdoor sweet peas are seen quite often, and some of the stock is really excellent, and can hardly be improved upon. Gladioli are plentiful and good. Lilies and lily of the valley continue to be as scarce as ever. Outdoor stock, such as coreopsis, larkspur, delphinium and candytuft are in evidence, and find fair sales. Local ferns of good quality are being handled, and this brings the price down considerably on them. The supply of green goods is ample, and Southern plumosus is very good.

NOTES.

J. C. Sisley has left the employ of The McCallum Company after three years of service as a salesman, and is now preparing to enter the retail business, having purchased one-half interest in Spragg's Flower Shop, Washington, Pa., which has been operated for the past few years under the management of B. W. Spragg. Mr. Sisley is very enthusiastic over the new venture, and is very well acquainted in the new territory. He and Mr. Spragg will give their undivided attention to the store, and the trade anticipates and wishes a "burning success" for them.

We regret to announce the death of Mrs. C. L. Adgate, of Niles, Ohio, which occurred June 24. A summons to her son, Ross, who was then in Oil City, brought him home just ten minutes after her death. The funeral was held Saturday afternoon in the Warren cemetery.

M. Kronis has returned from a business trip to Chicago. He reports his new stand in the Ft. Wayne depot as doing very satisfactorily.

George McCallum is spending the week-end, July 4-6, on the shores of Conneaut lake.

Karl Koenig, of Millvale, passed away from an attack of pneumonia last week. G. M.

Buffalo.

FLORISTS PREPARE FOR SUMMER REST.

Trade during the past month has been as good as in previous years when the times were supposed to have been better. The volume of business was larger, but the individual orders were in a great many instances smaller. School commencements, weddings and other functions kept nearly all busy. The supply of stock was equal to all demands and the quality good. Roses, such as Killarney, Maryland, Taft and Ward were fine, Milady and Francis Scott Key were exceptional, and the grade of American Beauties splendid. Some exceptionally elaborate funeral work has been called for lately, where orchids, lily of the valley and American Beauties were most in demand. Flowers for school commencements were mostly bunches or loose flowers sent to the graduates' homes, very few baskets being used. Business has about ended in the greenhouses, where the season has been good, but with some unfortunate features where the refilling was necessitated of many vases in the cemeteries which were frozen by the unusual and severe frost in May, many being compelled to buy new stock to duplicate their orders.

NOTES.

S. A. Anderson has repainted the exterior of his store, 440 Main street, pure white with green trimmings being the color now. Signs and all similar features are carried out the same. Pretty boxes of ferns are placed on each window ledge, which makes the place one of the most attractive on Main street. The fire kindled in the hearts of the young couple at Anderson's, and the warbling of the birdies about a wedding in June was true to the signs and Wednesday, June 23, Miss Edith Christy and Carl Butz were joined in the holy bonds of matrimony. The marriage took place at the home of the bride in North Tonawanda, where after their honeymoon, which they are spending in the vicinity of Portage, N. Y., and Letchworth Park, they will occupy their new home in North Tonawanda. Who says the U. S. is not neutral more particularly with the florists, when this wedding was a union of Germany and England. America does not recognize allies or any other people—just Americans. The best wishes are extended to Mr. and Mrs. Butz and may their surroundings through life be like a shoe store—nothing but little boots (Butz).

BISON.

Cleveland.

GLUT PASSES AND MARKET IMPROVES.

It seems as if the worst of the glut has passed. There are still plenty of flowers, however, of every variety and for all occasions. Carnations have dwindled in size until they are rather small compared to a few weeks ago, but they meet with a fair demand at prices much the same as previously reported. Roses are in fair supply and the call for Ophelia, Russell and Milady is good. American Beauties also are in good demand. Lily of the valley sold well and the supply was better than last week. Candidum lilies are on the market and meet with a good call. Larkspur, with three and four foot stems, in both light and dark blue shades, are popular. This stock is exceptionally good value. Phlox is also good stock. Easter lilies still arrive, both short and long stems. Storage peonies are in fair demand. Sweet peas are plentiful.

NOTES.

Thousands of people are visiting the rose gardens at Wade park. It is one of the most useful adjuncts to the efforts being made in this city to educate citizens along horticultural lines and to stimulate a love for choice flowers. There are about 3,000 plants and nearly fifty varieties, all labeled so that visitors may recognize each bloom.

The Ohio Floral Co. gave away, as souvenirs, about 5,000 carnations during "carnival week," on the west side. The crowds became so bold they even robbed the ice box of fancy stock and it was with difficulty that the place was saved from being wrecked, reports Mr. Hogan.

Interest in the flower show this fall is growing, and all florists are requested to attend the next meeting of the florists' club, Monday, July 12 (note the date), to hear reports of the various committees on the show and also the coming picnic.

Geo. W. Smith had his three boys, Don, Gene and Jack, at the Emergency hospital this week, to have tonsils and adenoids removed. All three showed pluck and nerve, both before and after the operation. All are doing nicely.

J. Rupp, of the J. C. Moninger Co., greenhouse manufacturers, Chicago, accompanied by his two daughters, spent several days in this city the past week. It was both a business and pleasure trip, and was a success both ways.

One west side retailer furnished about 4,000 carnations to the People's bank, the oldest bank on the west side, during "carnival week." The bank officials passed them out to visitors.

Knoble Bros. won second prize for the best decorated auto during the parade at the carnival. Peonies and American Beauties were used throughout the decoration.

The picnic of the local florists' club will take place next month at Willough Beach. Watch these columns for definite date and list of prizes.

Al Barber, of the Jones-Russell Co., has been "under the weather" the past week. He is much improved now and back on the job.

C. B. Wilhelmy, 3610 West 25th street, is rebuilding several of his greenhouses. C. F. B.

Columbus, O.

TRADE FINISHES SIX BUSY MONTHS.

The local florist trade enters the "dead" season with little to complain of on the first half of the year. Following a very slight depression after the holidays, every special period from St. Valentine's to the close of the June wedding activity has seen a volume of business equal to, if not exceeding, the corresponding dates last year. Bedding, particularly, surpassed all expectations. It was felt that the florist trade has made a marked advance in popular attention. Funeral work and incidental cut-flower building are about all that the average florist expects for the next two months or more. A few of the more fashionable concerns, however, are making effort by attractive window displays and otherwise, to stimulate demand for gladioli, asters, sweet williams and other hardy perennials. The public is showing a tendency to turn to this class of plants as a relief from what has been the familiar features of florists' stocks during recent months. Carnations are selling at 50 cents per dozen, with some week-end bargains at the rate of three dozen for $1. Ophelia, Killarney and Rhea Reid roses bring from $1 to $1.50 per dozen.

NOTES.

The Munk Floral Company is re-arranging and redecorating its retail department, at 19 South High street, When improvements are finished this enterprising company will have very handsome quarters. Betterments are also to be made at its plant at King and Queen avenues. One of the older and small greenhouses is to be replaced with a new one, for the growing of geraniums and similar stock. The dimensions will be 22x175 feet.

T. J. Ludwig will add a nursery department to his retail florist business. Premises are being acquired for heeling in evergreens and for propagating different kinds of perennials. A new service established by this store is that of taking care of lawns, in the way of cutting grass, trimming hedges and planting.

J. M. McKellar, manager of the retail store of the Fifth Avenue Floral Company, is able to be out again after a week's illness. C. C. J.

Cincinnati.

SUMMER LULL IS ON.

The market is decidedly quiet and has taken on an early summer appearance. The supply of stock is heavy and in excess of actual needs. The rose cut is very large. Killarneys do not amount to very much, but most of the other varieties are of a pretty good quality, when the season of the year is taken into consideration. Lilies are plentiful and good. Gladioli have a pretty fair market. The call for lily of the valley and orchids has slackened greatly. The outdoor sweet pea receipts are heavy and fine in quality. Shasta daisies are now in the market. The supply of greens is ample and can easily take care of present needs.

NOTES.

C. J. Ohmer, formerly of this city and now of West Palm Beach, Fla., Mrs. Ohmer and their son, Jim, motored into this city on Monday in their Overland. They are guests of Mr. and Mrs. E. G. Gillett.

The annual meeting of the Cincinnati Florists' Society will be held at Max Rudolph's home, College Hill, July 12.

Chas. H. Hoffmeister spent the middle of this week in Louisville on business on behalf of some of his clients.

Mr. and Mrs. P. J. Olinger have as their guest, Mrs. Olinger's sister, Miss Margaret Weiland of Evanston, Ill.

C. E. Critchell has been getting some very fine smilax from the Rosebank Co.

Geo. Klotter has been cutting some excellent cornflower asters. H.

CANTON, ILL.—Plans are being prepared for a greenhouse, 50 x 125 feet, for Sylvester Grimsley, which will be used for pot plants and cut flowers.

OBITUARY.

Thomas Foulds.

After two years of failing health, the veteran gardener, Thos. Foulds, passed away at his home in Amherst, Mass., Friday, June 18, at the age of 69. He was born in England and received his early gardening training in that country. He came to America about 1867 and for a time he lived in the west, but came to Philadelphia to be head gardener, first for Chas. H. Rogers and a few years later for the late William M. Singerly. About the year 1884 he started in the florists' business for himself at Gwynedd, Pa., and built up a very successful business. About eight or nine years ago he sold his business and came to Northampton, Mass., where for a time he had charge of the grounds of the Peoples Institute. Finally he assumed charge of the Leonard estate, Amherst, Mass., which position he held until his death.

He was a true gardener, always faithful to his employers, and with an intense love for his profession. He was the originator of the well known Major Bonnaffon chrysanthemum. The grounds under his care always reflected a master's hand, and the plants and flowers seemed to thrive with unusual vigor. Indeed, the flowers he loved so well seemed to have reflected their sweetness and beauty into his own nature and character; kindly, quiet and unassuming, with the dignified bearing of the perfect gentleman.

He was twice married, and leaves a widow, two daughters and three sons. The funeral was held in Grace Episcopal church, Amherst, and was largely attended by the townspeople of Amherst, the Oddfellows and Rebekahs, of which he was a member, and the florists and gardeners in this section of Massachusetts. His life and character was an inspiration to all who had the privilege of knowing him. E. J. C.

Lawrence A. Casper.

Lawrence A. Casper, for 45 years one of the best known citizens of Council Bluffs, Ia., and the founder of the greenhouses in that city that were later taken over by the late J. F. Wilcox, now known as J. F. Wilcox & Sons, Inc., and have grown to be one of the most important industries of the city, died June 19 from heart failure, at the age of 71 years.

Mr. Casper retired from active control of the greenhouse industry that he had been instrumental in establishing over 20 years ago, and had since devoted his attention to his private interests, as he owned a great deal of real estate. He had been ailing more or less for five years past, and this winter has been confined almost entirely to his home. He was confined to his bed for the past two weeks.

He located in Council Bluffs in 1870, and it was about 1872 that he started the first greenhouse in that section. The late J. F. Wilcox became associated with him about nine years later, and the greenhouse assumed a commercial importance that its founder had not anticipated. The two worked together in the growing industry for many years, but about 1892 Mr. Casper retired from active participation in the business, which was still further developed by Mr. Wilcox up to the time of his death, when it was taken in charge by his sons.

Mr. Casper was always known for his kindly disposition and had an unlimited number of friends. He had good words and a liberal heart for all he met and was known for his honesty and fair dealings in his business affairs.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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IN a Norwich, England, newspaper of 1765 there are two advertisements of flower shows, very quaint reading.

ONE grower says the high express rates are responsible for the unprofitable condition of the bedding plant business.

H. PLATH, of the San Francisco S. A. F. convention garden committee, reports planting completed and the garden in fine growing condition.

Personal.

H. Bayersdorfer and wife writing from Yokohama, Japan, June 6, say they had a most enjoyable outward trip.

Hail at West Grove, Pa.

In a recent hail storm at West Grove, the Dingee & Conard Co. sustained a loss of 5,000 square feet and the losses of the Conard & Jones Co. and other greenhouse men were approximately heavy.

Newport Sweet Pea Show Postponed.

The Newport exhibition of the American Sweet Pea Society, scheduled for July 8-9, has been postponed to July 15-16 on account of the lateness of the season. The final premium list is ready for distribution and copies may be had on application to Secretary Harry A. Bunyard, 40 West Twenty-eighth street, New York.

Holiday Mail.

Chicago post office officials advise that regular deliveries will be discontinued between Saturday afternoon, July 3, and Tuesday morning, July 6, and it is probable that similar conditions will prevail in other large cities. Therefore, to insure prompt attention during this non-delivery period cut flower orders should be mailed under special delivery stamp or telegraphed.

S. S. Butterfield, Attorney-at-Law.

S. S. Butterfield, formerly representative of THE AMERICAN FLORIST at New York, and now occupying a similar position on our publication in Oklahoma, graduated from the law school of LaSalle University, Chicago, about a month ago and was recently admitted to practice in Oklahoma upon passing the state bar examinations at the age of 56 years. Mr. Butterfield came to this country from England in 1885. He is best known in Oklahoma as the organizer and first secretary of the Oklahoma State Florists' Association and as an officer and speaker of the state civic association. Many speeches before the last named organization and articles in The Oklahoman under the title of "The Flower Garden" have stamped him as one of the city's most tireless workers for civic improvements.

Society of American Florists.

CONVENTION ANNOUNCEMENT.

The attention of the members of the society, and of the trade at large, is now quite naturally diverted to the thirty-first annual convention, to be held in San Francisco, Calif., August 17-19 next. Reports received from the transportation committees of the various local organizations throughout the country indicate that the attendance at the convention will be considerably larger than was at first anticipated.

President Welch expects that the delegation from Boston and the east will be large enough to fill a car. The New York delegation as already booked numbers fifteen, and in all probability this booking will be at least doubled. These bookings are, of course, exclusive of the attendance of those whose duties will require them to be in San Francisco in advance of the convention dates. The glowing reports concerning the horticultural features of the great exposition in progress in San Francisco, as presented by Chas. H. Totty and others who have returned from the coast, will undoubtedly influence many in their decision to attend the convention, so that a good average general attendance is confidently expected.

Floor plans of the Memorial Auditorium, where the business sessions of the convention and the trade exhibition are to be held, have been sent to all members. These plans show the spaces allotted to exhibitors, and the great adaptability of the building for exhibition purposes. While exhibitors from the east, owing to distance and high transportation charges, will not occupy such generous display spaces as they have done at other exhibitions, the following have contracted for liberal areas and will make fine displays: H. Bayersdorfer & Co. and M. Rice Co., Philadelphia, Pa.; The John A. Evans Co. and The Advance Co., Richmond, Ind.

The secretary will be in San Francisco considerably in advance of the convention, and will cheerfully care for and arrange exhibits sent by exhibitors who are unable to attend the exhibition personally. The only request he makes is that such exhibitors communicate with him at once. After July 15 all communications should be addressed to him in care of Daniel MacRorie, vice-president of the Society of American Florists, 430 Phelan building, San Francisco, Calif. Any commission entrusted to him will be executed to the best of his ability while in the convention city.

THE WELCH PRIZE.

Vice-President Daniel MacRorie is the only one to comply with the rules and regulations governing the President Welch prize offered for the member sending in the greatest number of applications for members before July 1. Mr. MacRorie has already sent in almost one hundred names, and reports that he will complete the hundred by July 1.

THE S. A. F. BADGE.

The S. A. F. annual badge button has been sent to all members who have remitted for the 1915 assessment. There are a few life members' buttons still available for those entitled to them, and will be sent upon receipt of 75 cents. It would be a convenience to the secretary if the members who have not already done so will send in their 1915 assessment at once. The receipts to date for dues compare favorably with those of other years.

The printed 1915 annual report has also been distributed, and a copy should be in the hands of every member in good standing.

DEPARTMENT OF PLANT REGISTRATION.

Frank D. Pelicano, 119 Gutenberg street, San Francisco, Calif., submits for registration the following new violets:

Anne Evans—This is a double violet and is a sport from Swanley White, with flowers very much larger than the present variety. The color is porcelain blue, shaded with lavender, about the shade of a Czar Peter hyacinth. The plant is strong and healthy, making quantities of fine foliage.

Quaker Lady—This is a seedling from a cross between Single White and California violet. The flowers are single and about the same size as Giant violet. A fine strong healthy grower. The color is lavender, shaded with delft blue, a shade darker than the Palma violet.

Any person objecting to the registration or to the use of the proposed names is requested to communicate with the secretary at once. Failing to receive objection to the registration, the same will be made three weeks from this date. JOHN YOUNG, Sec'y.

June 22, 1915.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—By good saleslady and designer; can furnish the best of references. Address Key 527, care American Florist.

Situation Wanted—Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address
Key 529, care American Florist.

Situation Wanted—Specialist in roses carnations, 'mums, pot plants and general greenhouse stock; also first-class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address
Key 525, care American Florist.

Situation Wanted—By young man, first-class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative ability and ambitions. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower, principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish, American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—Saleslady and designer for Chicago loop store. Address
Key 521, care American Florist.

Help Wanted—Man that can do painting and glazing; several months' work. Address immediately, T. L. METCALFE, Hopkinsville Ky.

Help Wanted—A grower with commercial experience, married man, small family. Salary $700.00 to $800.00 per year and quarters.
A. T. ERWIN, Iowa State College, Ames, Ia.

Help Wanted—Two single young men to grow chrysanthemums and other pot plants. Must understand the business thoroughly, and take charge. State salary and experience.
METAIRIE RIDGE NURSERY CO., LTD.,
New Orleans, La.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

For Sale—By July 15, 1915, to close up an estate, a greenhouse stock of plants now located at Danville, Illinois. For particulars address
MRS. H. P. PHELPS, Princeton, Ill.

For Sale or Lease—Eight greenhouses, five acres of land; an old established retail business; an excellent proposition for young hustlers.
JOHN N. BOMMERSBACH, Decatur, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Retail flower business. Good opportunity for live wire, either lady or gentleman. Increased 50% over last year. Low rent. Best flower town in country. Address
Key 528, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale—Greenhouses, near Chicago, 14,000 feet under glass; on Aurora, Elgin Electric R. R. 3½ acres, 10-room house and barn, cost $16,000, will take $9,500. Was taken in trade. Present owner not familiar with the business; therefore will sell at bargain on reasonable terms.
A. J. WOODCOCK, Wilmette, Ill.

For Sale—Greenhouse with office; about 5000 square feet of glass, nearly new; including 5 room house; with 215 feet front by 175 feet deep. Well stocked; near 5 cemeteries where most of the stock is sold. Electric cars pass the office every ten minutes. Heated by hot water system. Reason for selling; owner retiring. Address
2248 S. Meridian St., Indianapolis, Ind.

For Sale—Greenhouses: 13,000 ft. of glass; Moninger houses. Well stocked with a general line; best location in state; a good paying plant; liberal terms; retiring from business; a splendid opportunity. For particulars address
Key 531, care American Florist.

For Sale—A beautiful retail florists store. Dandy location. City central west, main street. No other store within a mile. One block from large school for girls. $200.00 ice box. On account of death, selling cheap for cash. Low rent. Address Key 532, care American Florist.

FOR SALE

The Polland Floral Co. greenhouse and properties of Cedar Rapids, Iowa. Appraised at $5,053.00, will be sold at public sale July 6th 1915, at 10 a. m. on the premises. Successful bidder to put up certified check of $1,000.00. Finest new greenhouses, best location. For particulars write
W. J. GRUNEWALD, Receiver,
209 A Avenue West, Cedar Rapids, Iowa.

FOR SALE.

Floral and landscape gardening business on Massachusetts South Shore, catering to high-class summer population of 5000. Greenhouses comprising over 15000 sq. ft. glass; 2 acres land; large modern house; 2 minutes from station. $5000 cash, balance easy terms. Good chance for live man to extend business. Established 20 years. Apply
Scituate Greenhouses, Scituate, Mass.

Boiler Bargain

2 No. 100 Oil City firebox boilers, capacity 4000 ft steam or 6000 ft. water. 2 years old, as good as new. These boilers need no brickwork. Will sell them cheap. **E. J. RYAN,**
545 W. Lake St., Chicago.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

FOR SALE
MAIL ORDER SEED BUSINESS

A large Eastern **MAIL ORDER SEED HOUSE** will sell their entire business, consisting of mailing list of over **350,000 Live Names,** Seed Stock, Printing Matter, Catalogue Cuts and full office and seed equipment. FIRM is INCORPORATED and established number of years. Doing business throughout the UNITED STATES, CANADA and FOREIGN COUNTRIES.

Ill health and private business are reasons for selling.

Business can be removed from present city if necessary.

Any man, men or firm interested in an old established Seed Business, and with sufficient capital, should interest themselves in this business, which can be bought for less than half what it cost to bring it to its present condition. FIRM will CORRESPOND WITH AND SEE PARTIES ONLY who show a desire to purchase such a business. Never a better time to enter the Mail Order Business than now. ADDRESS KEY 530, CARE AMERICAN FLORIST.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

American Florist Co., 440 S. Dearborn St., Chicago

San Francisco.

DEMAND UNUSUALLY GOOD.

It is a pleasure to be able to report that most of the florists report business during the past week as very good. It is rather unusual at this time of the year to hear this, but it is a fact, nevertheless. School graduations, weddings, etc., are using up their usual quota of flowers and the great number of national conventions of all kinds that are being held here this year are all having more or less decorations done. Of course, all this extra decorating helps to keep the market fairly well cleaned up on all kinds of stock. All good roses coming in are holding up very well in price, but offerings of the poorer grade do not move very rapidly. Carnations are very plentiful, but good stock is somewhat scarce. This is owing to the warm weather. Gladioli are becoming more plentiful every day, as are dahlias. The quality of the latter is not of the best as yet. Sweet peas of the grandiflora type are plentiful and very cheap, but good Spencers are in steady demand and at good prices. Out-door rambler roses are about over. Cattleyas are not so plentiful as they were a week ago, and whatever arrives is disposed of rapidly. There are plenty of outside annuals to be had, but this stock is chiefly used up on decorations. Owing to the large amount of decorative work, the stores are called upon to do, greens of all kinds are in good demand. The supply is ample for all requirements. Smilax is still hanging on and there are plenty of asparagus and adiantums. Pot plants of all kinds are moving slowly, and are being used principally in decorations.

NOTES.

The big event of the week was the arrival of the American Seed Trade Association which took place Monday, June 21. President Lester L. Morse is also chairman of the reception committee. He was assisted by the following prominent seed growers: Waldo Rohnert, Gilroy; E. C. Pieper, San Jose, and L. M. Kimberlain, Santa Clara. On the morning of June 21 the members were taken on a three-hour sightseeing tour and in the evening attended a reception at the home of President Morse on Green street. The first business session of the thirty-third annual meeting took place Tuesday, June 22, at the Inside Inn on the exposition grounds. Nearly all the delegates were present. The speakers included Professor H. E. Van Norman, dean of the California State Farm School, Davis, Calif.; Professor John W. Gilmore, agricultural commissioner, University of California; E. C. Johnson, Portland, Ore.; L. C. Routzhan, Arroyo Grande, Calif.; Mark L. Germain, Los Angeles. Among the subjects were: "Value of Technical Training to a Seedsman," "Horticulture in the Hawaiian Islands," "Seed Growing in the Northwest," and "Flower Seeds in California." The annual banquet was very elaborate and was held at the Commercial Club. Wednesday the members attended the ceremony of the presentation of the exposition bronze plaque to the association. The early part of the week will be spent here and during the latter part the members will make a tour of inspection of the large seed growing establishments in Santa Clara and San Benito counties.

The thirteenth annual meeting of the Pacific Coast Association of Nurserymen and the fifth annual meeting of the California Association of Nurserymen will be held in this city August 12-14. The executive committee has an interesting programme under preparation, and arranged to have the first half of the three days' session under the auspices of the Pacific Coast association, and the remaining time under the California association. All members in attendance will meet together and freely participate in the deliberations of both associations. Monday, August 16, is nurserymen's day, when special courtesies will be extended by the exposition management. August 17-19 is the annual meeting of the American Rose Society, and August 17-20 is the meeting date of the Society of American Florists and Ornamental Horticulturists. On August 23-25 the American Pomological Society will meet at Berkeley. These meetings are sure to draw a large attendance on the part of those interested in their respective branches of horticulture from all over the United States, and their interests are mutual with those of nurserymen. President John Vallance of Oakland is a busy man these days perfecting arrangements for these nurserymen's conventions.

Chas. H. Chambers, Fresno, Calif.

The daily papers of this city have been contributing pretty generous space to the chrysanthemum show to be held this fall. We are very glad to see this, and as we all know we cannot get too much of it. Judicious advertising of flower shows is a splendid thing, as witness the attendance at the sweet pea show at the exposition. The writer has been told that it has been estimated that the attendance at the sweet pea exhibition was near the hundred thousand mark and from personal observation this is about correct.

W. H. Ebel, of Sacramento, exhibited the W. Atlee Burpee & Co.'s prize-winning collection of Spencer sweet peas at his store in that city, June 24. He used the daily papers in advertising the display and his store was thronged all day by a very enthusiastic crowd of sweet pea lovers. Every variety was correctly labeled and many of the novelties, not yet in commerce, were displayed. Mr. Ebel is to be congratulated upon his energetic move.

The Art Floral Co. was very busy this week with a very large decoration at the Columbia theater. The undertaking was so large that the entire force had to be put on under the supervision of Manager Vincent Matraia. Mr. Matraia motored down the peninsula last week making a call at all the leading growing establishments. He says trade is very good and is well satisfied with the outlook.

Howard Earl, of W. Atlee Burpee & Co., who came to see the sweet pea show, has been visiting the seed growers in this vicinity. Mr. Earl is representing the Burpee interests at the seedsmen's convention. After the convention Mr. Earl will go south to Floradale Farms to inspect the sweet pea prospects at the famous California seed ranch.

Frank Pelicano is sending some grand gladioli in from his nursery. His dahlias are also in splendid shape and he will no doubt be heard from at the fall show at the exposition grounds. These two flowers are Mr. Pelicano's special favorites and there does not seem to be anyone in this locality that can grow them to the perfection that he does.

It is with the deepest regret that I have to announce the death of Mrs. B. M. Joseph, wife of the prominent Grant avenue florist. Mrs. Joseph had been ill about a month and her passing is a matter of sincere regret. Mr. Joseph has the sympathy of the entire trade in his bereavement.

The Misses Hannon, on Polk street, are making a specialty of the Countess Spencer sweet pea and always have a large display on hand. They report decorative work for the exposition buildings as very brisk.

Angelo J. Rossi, of Pelicano, Rossi & Co., has been honored by Mayor Rolph in being selected as one of the committee that will receive the famous Liberty bell upon its arrival in this city from Philadelphia.

Martin Elder, of the Lord & Burnham Co., who has been here for some weeks for his health, expects to leave in a few days for Pittsburg. His health has greatly improved during his stay in this city. G. N.

Pasadena, Calif.

CLUB OUTING.

The Pasadena Horticulture Society held its annual outing Sunday, June 20, at Eagle Rock park. The Los Angeles Horticultural Society was invited and attended about 100 strong. Lunch was served promptly at 12 o'clock noon. Everybody seemed to have enough to eat and drink, except a few who came late. The crowd was considerably larger than expected; otherwise, even the late ones would have had plenty. The old saying "a minute ahead is better than a second behind" should always be carried in mind when going to picnics. After lunch Messrs Shields, president of the Pasadena society; Braunton, Houghton, Richards, Dieterich and Felgate, gave short impromtu speaches which were all loudly applauded. The band composed of about 40 pieces, which came over with the Pasadena boys, played many of the leading pieces and held the audience in absolute silence. Victor Clemence, of Pasadena, favored with a vocal selection, "I Love You California." Sports entertained well both members and visitors—Racing, jumping, indoor and outside baseball. Los Angeles played Pasadena in a full game, the score being tied, called at the end of the ninth, on account of darkness.

NOTES.

Charles A. Chambers, noted in horticultural circles, who for the past twelve years was the secretary and treasurer of the Fresno Nursery Company, Fresno, has sold out his interest to Frank H. Wilson, president of the company. Mr. Chambers, who has been at the wheel since he was fourteen years old, is taking his first real vacation and is spending some time at the San Diego exposition. Before affiliating himself with the Fresno Nursery Company, he was with the Fancher Creek Nurseries of Fresno, for 11 years. Twenty-three years in two nurseries in the same town is a record to be proud of.

Seedsmen—Florists—Nurserymen: FREE Exhibition Space Is Offered to All at the

ROCHESTER EXPOSITION and FLOWER SHOW

One-quarter million people visited Exposition last year

Greatest permanent Municipal Exposition in the country

View of Exposition Park, Rochester, N. Y.

Modern steel and concrete buildings especially adapted to floral exhibitions—20,000 square feet of unobstructed floor space—Concrete Floors—Water—Light—Power—Skylight Truss Roof—Buildings tastefully decorated. Here is where florist and grower, seedsman and importer, can meet and get better acquainted.

YOU CAN'T AFFORD TO MISS THIS OPPORTUNITY—IT'S THE BEST ADVERTISING YOU CAN GET

For full particulars address FLOWER COMMITTEE, ROCHESTER EXPOSITION, 309 Powers Bldg., Rochester, N. Y.

Flower Show Committee
GEO. B. HART CHAS. H. VICK
A. H. SALTER H. E. BATES
F. J. KELLER

Aug. 30 to Sept. 11 12 Days and Nights 10 a. m. to 11 p. m.

While on his vacation during idle moments, he is writing special articles, along nursery lines, including soils, root development, irrigation, pruning, propagating, growing and selling. Before locating, Mr. Chambers is engaged to exploit some lands below New Orleans, from a practical standpoint.

Swanson & Larson are the latest nurserymen to join the rank and file, and have opened up a nursery at Pasadena avenue and Avenue 33, Los Angeles. Being young and full of optimism, there is no doubt as to their success.

G. E. Elster, formerly of Roeding & Wood Nursery, Los Angeles, is now with the Armstrong Nurseries, at Ontario, Calif. His many friends in Los Angeles wish him all the success possible in his new venture.

HAL S. KRUCKEBERG.

Kansas City.

BIG FUNERAL AND WEDDING CALL.

The past week found the market well supplied with stock, especially in gladioli, which were excellent in quality, and lilies are becoming more plentiful and better stock. Roses are very good considering the season and are very low in price. Good sweet peas are also coming in now, but carnations are falling off in quality. The past week has been very good for funeral work, and it seems this city is full of brides, there are so many calls for wedding decorations. Nearly all of the growers are busy planting their houses with chrysanthemums, carnations, etc., and doing what repairing is needed.

NOTES.

Miss Mamie Klein of Arthur Newell's store force, is spending her summer vacation at the Panama-American exposition and also along the coast at different points. She will return about August 1. Mr. Newell says business has been very good for this time of the year, both in local and out of town orders. He had a bank opening out of town which took a good many American Beauties and other stock.

W. J. Barnes had a good week in funeral work, which used up a good supply of stock. He is still having plenty of wedding decorations. The chrysanthemums are all planted and he is making ready for the carnations. Mr. Barnes made the trip to Jefferson City June 24 with the delegation of Masons to lay the corner stone of the state capitol.

Wm. Foith is now the sole owner of his greenhouse, having bought out all other interests. He has all his chrysanthemums planted and is busy taking care of his carnations, of which he has 20,000 planted out in the field. He is making the repairs that are needed around the greenhouses.

Mr. Stevens, formerly of the firm of Stevens and Larkin, bought out all other interests in the greenhouses. He has finished planting his chrysanthemums, which are in excellent shape.

T. J. Noll & Co. report a good week, both in local and shipping trade. They are certainly receiving some gladioli, which are very fine. They still have plenty of roses.

Samuel Murray reports a very fine week, having had a good deal of funeral work and was kept very busy with decorations which are taking plenty of stock.

Patrick Larkin has closed his store for about two months to make repairs, and the help are taking their vacation while it is being done.

S. Bryson Ayres & Co. are cutting some very fine gladioli which are hard to equal. They are also cutting some extra good sweet peas.

E. J. B.

Milwaukee.

Otto Grunwaldt, Jr., says that Grunwaldt Bros., who have taken over Nic Zweifel's greenhouses at North Milwaukee, will continue the business under the firm name of the Greenwood Carnation Co. They expect to maintain the same high standard of quality as Mr. Zweifel did and to accomplish this they have retained Leon Thorpe, the efficient grower who had complete charge of the place while Mr. Zweifel was touring Europe. John Jacobs, who has been with Mr. Zweifel for some time, will also remain in the employ of this firm, so the trade will hardly notice any difference in the cut carnations and young stock grown on the place. They have some very fine young stock to start with and expect to bench some of it in a few days, providing weather conditions will permit. They will make a specialty of growing rooted cuttings, devoting a few thousand stock plants for this purpose. There are at present 16 varieties grown on the place, including a few of the newer varieties, such as Matchless, Champion, Alice, Good Cheer and a few others, so one may expect to hear more from this enterprising firm in the future.

John Kruchten and C. L. Scherer, of the John Kruchten Co., Chicago, visited the Holton & Hunkel Co. greenhouses June 24.

Harry Balsley, the Detroit, Mich., flower pot man, was a visitor this week.

DAVENPORT, IA.—The formal opening of the Forber & Bird's new flower store at 313 Brady street was held June 19. The store is very complete in its appointments and was beautifully decorated with palms, ferns, and flowering plants. Floral souvenirs were given to all visitors.

POEHLMAN
72-74 E. Randolph St.,

SUMMER FLOWERS

Excellent Stock --- Specially Grown for Summer Months.

BEAUTIES--VALLEY--ORCHIDS--EASTER LILIES
RUSSELL-HOOSIER BEAUTY-OPHELIA-HADLEY.

A large crop of SMILAX ready to cut, long heavy strings for decorating.

CURRENT PRICE LIST. In effect July 4.

ROSES

AMERICAN BEAUTIES.

	Per doz.
Special	$3.00
36 inches long	2.50
30 inches long	2.00
20 to 24 inches long	1.50

Short, per 100, $4.00, $6.00, and $8.00.

MRS. CHAS. RUSSELL.

	Per doz.
40 to 48 inches long	$ 2.50
30 to 36 inches long	2.00
24 inches long	1.50
18 to 20 inches	per 100, $8.00
Short	per 100, 3.00 to 4.00 to 6.00

State lengths when ordering Russell and Beauties

RICHMOND, MILADY, SUNBURST, BULGARIA, KILLARNEY BRILLIANT, KILLARNEY QUEEN.

	Per 100
Extra long	$10.00
Long	$6.00 to 8.00
Medium	4.00 to 5.00
Short	2.00 to 3.00

	Per 100
OPHELIA	$4.00 to $6.00 to $10.00
HADLEY	4.00 to 6.00 to 10.00
HOOSIER BEAUTY	4.00 to 6.00 to 10.00

KILLARNEY, WHITE KILLARNEY, WARD.

	Per 100
Extra long	$8.00
Long	6.00
Medium	4.00
Short	2 00 to 3.00

CECILE BRUNNER or SWEETHEART ROSE
Per 100 ..... $2.00

When ordering Roses, state grade mentioning either short, medium or long. Not responsible for errors when grade desired is not specified.

Extra special roses charged accordingly.

CATTLEYAS ..... **per doz., $4.00 to $5.00**
GARDENIAS ..... **per 100, 2.00 to 3.00**

LILY OF THE VALLEY.

	Per 100
Fancy	$4.00
2nd	3.00
3rd	2.00

CARNATIONS, fancy, per 100,
Medium ..... "
Split ..... "

MISCELLANEOUS CUT FLOWER

Sweet peas (common)	$0.75 to
Sweet peas (Spencer)	
Lilies	10.00 to
Peonies	4.00 to
Daisies	1.00 to
Field Daisies	per 1000, 1.00 to
Gladioli	4.00 to

MISCELLANEOUS GREEN GOOD

Mexican Ivy	
Smilax	doz. $2.00
Sprengeri and Asparagus Sprays	$2.00 to
Adiantum	1.00 to
Galax (bronze)	per 1,000
Ferns, new crop	per 1,000

Florists' Supplies
SPECIAL 40% JULY DISCOUN

On all orders for wire designs amounting to $10.00 or over.
We will deliver the goods.

12 Bales of Moss - - - $10.0
Magnolia Leaves, per box - 1 2
Cycas Leaves, assorted sizes, 12 to 44 in., per 100 **7.0**

New Catalog Now Ready

Write for one. A postal will do. Bigger and better than ever.

N BROS. CO.

g Distance Phone, Randolph 35. **CHICAGO, ILL.**

Bedding Plants.

You can get what you need here so send us your order right away and we will ship the stock whenever you say so.

	100	1000
itum, Blue Dwarf, 4 in	$ 8.00	
ilas, Luminosa and Vernon for dding, 2¼ in	2.50	
n	5.00	
ia, Chatelaine, 2¼ in	3.50	
in	8.00	
n	15.00	
a Scandens, 4 in., 1.50 per doz.		
iums, Fancy Leaved (Summer livery) 5 and 6 in. pots. 35c, 50c, c, $1.00 and $1.50 each.		
Miller, for border, 2¼ in	2.50	$23.00
Geraniums, strong, 3 in	5.00	
n	8.00	
as, for Bedding & Hang. Baskets.		
as, Speciosa, Crystal Palace and dding Queen. 2¼ in	2.50	22.00
a, Cathleen Mallard (double)	3.00	

	100	1000
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in	$3.00	
3 in	5.00	
Petunias, single fringed, all colors, 3 in.	5.00	
4 in	8.00	
Salvia, Bonfire and Zurich, from cuttings, 3 in	5.00	
4 in	8.00	
Smilax, strong new stock, 2¼ in	2.50	$23.00
3 in	6.00	50.00
Torenia Fourneri. Blue, 2½ in	2.50	
3 in	5.00	
Verbenas, all colors, 2¼ in	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**

Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 35c each. 5 in. at 50c to 75c each.

Pandanus Veitchi, highly colored, 4-in., 50c; 5-in., 75c; 7-in., $1.50; 8-in.. $2.00; 10-in., $4.00 each.

Araucarias, Robusta Compacta, large plants, $2.50 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

	per 100	per 1000
Asparagus Plumosus, 2¼ in	$ 3.50	$30.00
3 in	7.00	65.00
4 in	12.00	115.00

Sprengeri and Boston Hanging Baskets for July. $1.00, $2.00 and $3.00 each.

WESTERN PALM HEADQUARTERS

Largest Supply of Choice Kentias we have ever offered. Both single and made-up. Write for sizes and prices.

Grafted and Own Root Rose Plants

tern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-inch, at $100.00 per 1000.

Killarney, Hadley, Shawyer, Cecile Brunner, ney Brilliant, Bulgarie
Mrs. Chas. Russell, $130.00 per 1000.

Own Root, 2½-inch, at $55.00 per 1000.

rie, Hadley, Milady, Richmond

Grafted, 3½-inch, at $140.00 per 1000.

Killarney Brilliant, Hadley, Milady, Bulgarie, Cecile Brunner

Own Root, 3½-inch, at $90.00 per 1000.

Pink Killarney, Hadley, Milady, Cecile Brunner, Bulgarie, d'Arenberg

ld Grown Carnations, as long as they last, $6.00 per 100; $55.00 per 1000.

CHRYSANTHEMUMS.

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
Marvella French, late white	$8 00	$70 00
Pauline Anderson, late yellow	8 00	70 00

h these varieties scored 94 points by judges e Chrysanthemum Society of America, at go, and both scored 95 points by the judges e Minnesota State Florists' Association, at apolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
Elise Papworth	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Lynnwood Hall	2 50	22 00	3 00	27 00
Smith's Ideal	2 50	.....	3 00	.....
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
Virginia Poehlmann	2 50			
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Chrysolora	$2 50	$22 00	$3 00	$27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Eaton	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

SUMMER ROSES.

We make a specialty of growing roses best adapted to hot weather and recommend the Rhea Reid, Ophelia, Sunburst, Richmond and New Beauties.

FANCY LILIES.

75 cents per dozen; or, if ordered in lots of 50 or more, at the rate of $5.00 per 100.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems	$3.00
Extra long stems, seconds	1.00
30 in. stems	2.00
18-24 in. stems, New Beauties	$1.00 to 1.50
Shorter lengths	per 100, $3.00 to $6.00

Russell	Per doz.
Extra long	$1.50
Good medium	$0.75 to 1.00
Short	.50

Ophelia, Rhea Reid, Bulgarie and Shawyer	Per 100
Extra long	$6.00 to $8.00
Medium	4.00 to 6.00
Short	3.00

Cecile Brunner.....per bunch, 25c

White and Pink Killarney and Richmond	Per 100
Long	$6.00
Medium	$4.00 to 5.00
Short	3.00

Yellow Roses, Hillingdon and Sunburst	
Long	$ 6.00 to 8.00
Medium	4.00 to 5.00
Short	3.00

Carnations	Per 100
Red, White and Pink, extra fancy	2.00
Choice EASTER LILIES.....75c per doz.	5.00
LILY OF THE VALLEY	3.00 to 4.00
ASPARAGUS SPRAYS and SPRENGERI	3.00
FERNS, new Wisconsin.....1000, $1.50	
ADIANTUM	1.00
GALAX, bronze and green.....per 1000, $1.00	

ROSES in lots of 500 or more at the rate of $20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during June, July and August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

BUSINESS QUITE GOOD.

Business was quite good this week, especially Thursday, Friday and Saturday, June 24-25-26, when the market cleaned up pretty well, but at rather low prices. The cause of the clean-up was due principally to the large number of school closings which called for a large quantity of stock and the many weddings which took place. Trade the opening of this week was fair, but there is plenty of stock at this writing to go around in practically all lines. American Beauty roses of fine quality are among the offerings and the same holds good for Mrs. Chas. Russell, which continue to clean up well at good prices notwithstanding the large supply of stock in general that is being offered. Richmond roses are arriving in fine condition and the same holds good for My Maryland and Ophelia. A few Hoosier Beauty are being offered but clean up quickly at good prices. Sunburst are in good supply, as are roses in general, but they are cleaning up well at fairly good summer prices. Carnations are still seen in good supply and are keeping up well in quality. Peonies continue to be a factor in the market but the end of the supply is near, although a few of the local growers are still cutting a limited number. Sweet peas are seen in large quantities and the same may be said of orchids, lilies and lily of the valley. The first outdoor gladioli and asters made their appearance in the market this week and while the supply of asters is limited, gladioli are in large supply and are not selling any too well. Large shipments of gladioli from the south and the local out-door gladioli has affected the price of greenhouse grown stock, consequently fancy stock in this line is obtainable at very reasonable prices.

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
58 East Randolph Street
CHICAGO

FERNS

BEST AND CHEAPEST
ANY QUANTITY

LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

While business is not rushing it is holding up pretty well and everyone seems to be satisfied with the demand the past week. Nearly all the wholesale stores are closing at 5 p. m. and will continue to do so during July, August and September. The out-of-town florists who buy in this market would do well to remember that there will be no mail delivery from Saturday noon until Tuesday morning, July 6, so should either send any important mail special delivery, or telegraph rush orders during this period, otherwise they are likely to be disappointed in not receiving their stock.

NOTES.

Wm. Bufe, for some years employed by A. Lange, and at one time in business on his own account on Wentworth avenue, dropped dead on the street, June 24. Mr. Bufe had been in poor health for some considerable time. The body was taken to the Central Undertaking Rooms, where funeral services were conducted by Rev. George L. Scherger, with music by Mrs. R. J. Mohr, Sunday, June 27. The remains were interred at Mt. Greenwood cemetery, Mr. Lange and his employes taking charge of the funeral. A wife in such serious condition that she had to be taken to an asylum and six small children in very poor circumstances survive. The children have been placed in charge of the juvenile court. Fellow employes and many of the wholesale florists contributed a profusion of flowers.

Mrs. C. E. De Wever of Olivette, Mo., and two children are visiting friends in this city.

Jack Byers has accepted a position as salesman with W. H. Kidwell & Son.

HOME GROWN
PEONIES
Best Obtainable.
Everything in Cut Flowers and Greens.
O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

NICE CROPS OF ROSES

SUNBURST-MARYLAND-RUSSELL

Also choice American Beauty, Ophelia, Killarney, White Killarney, Milady and Richmond. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower. **Current Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$3 00
36-inch stems	2 50
30-inch stems	2 00
24-inch stems	1 50
15 to 20-inch stems	1 00
Short	$0.50 to 75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Per 100
Extra select	$7 00
Select	6 00
Medium	5 00
Short	$3 00 to 4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$1 50
Select	1 00
Medium	75
Short	50

	Per 100
ROSES, our selection	**$3.00**
Carnations	**$1.00 to $3.00**
Harrisii	10 00 to 12 50
Peonies	4 00 to 8 00
Valley	3 00 to 4 00
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$2 00
	25

2,000,000 Feet of Modern Glass

BEAUTIES-ROSES

PEONIES-LILIES
CARNATIONS-VALLEY-ORCHIDS
GREENS-ETC.

Strictly Fresh Stock---Grown Especially For Summer Use.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

George L. Stillman and wife of Westerly, R. I., passed through the city this week on their way to San Francisco, Calif., where they will take in the sights of the Panama-Pacific exposition. They were the guests of Dwight L. Harris of the Pulverized Manure Co., June 23, when they inspected the Union Stock Yards.

More than $6,000 was realized for the Frances Willard Hospital by the sale of flowers on the streets June 23, by over 100 girls, when the honor of making the greatest number of sales went to Miss Margaret Phelan, 238 North Latrobe avenue, and to Miss Emma Dowdall, 160 North Latrobe avenue.

The Chicago Florists' Club picnic committee, which met at the Bismarck Hotel, Wednesday, June 30, reports that the annual picnic will be held at St. Paul Park, Morton Grove, Sunday, July 23.

The monthly meeting of the Chicago Florists' Club will be held at the Hotel Bismarck, Thursday, July 8.

A. H. Schneider, of Oak Park, has placed an order with the John C. Monginger Co. for four new greenhouses, 34x150 feet.

USE **Budlong's** Blue Ribbon Valley.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
BEAUTIES-ROSES-CARNATIONS

The firm of Percy Jones will store at least eight million ferns in addition to what have already been sold on contract, and, judging from the many orders that have been booked, it seems to indicate that the western florists have long been waiting for some one to do this whom they could depend upon. H. Van Gelder, president of the firm, believes that the Michigan and Wisconsin ferns will store as well as eastern stock, for he tried it last year and stock taken out of storage on June 15 compared most favorably with the eastern picked ferns that were placed in the same storage room and at the same time. Every box of ferns will be inspected before it is placed in storage and carefully looked over when taken out, so as to give the customer the best value possible at all times throughout the season.

The Pulverized Manure Co., 32 Union Stock Yards, has had a wonderfully good season, according to Dwight L. Harris, notwithstanding the shortage of supply due to the government quarantine in the local yards. The city plant, St. Louis, Mo., and Kansas City, Mo., plants are now running in full blast, consequently the firm has a large supply of their products in stock. The quarantine in some sections of the local yards has been lifted and the remaining sections are gradually being cleaned, but it will be some time before the ban will be removed from the entire place.

Wietor Bros. report a brisk demand for chrysanthemum cuttings and plants and every mail brings in more orders. N. J. Wietor calls attention to the way carnations are keeping up in quality this summer, which is surprising compared to other years. N. J. Wietor is undecided just how and where he is going to spend his vacation but it is a ten-to-one-shot that he and John Sinner, Herbert Griffin and all the other members of the "Piker's Club" will hold a grand reunion in the wilds of Wisconsin in the near future.

Frank Johnson and Ed Galavan, of the A. L. Randall Co., and wives have returned from a most delightful 2,500 mile automobile trip to the coast where stops were made at all the principal cities. Frank McCabe left this week for Ft. Worth, where he will represent his firm at the second annual convention of the Texas State Florists' Association.

Practically all the local wholesale houses are now closing every day at 5 p. m. and will continue to do so during the balance of July, August and September. From present indications it does not appear as if any of the stores will close on Sundays, as the proprietors feel that this would greatly interfere with their shipping trade.

L. R. Bohannon, of the Bohannon Floral Co., left for Fremont, Mich., in his automobile this week to spend the summer. Mrs. Stuart is in charge at the store and as soon as her business partner returns she and her husband, N. I. Stuart, who operates the Flower Market, 6 East Monroe street, will auto to Toronto, Can.

John Kruchten and C. L. Sherer, of the John Kruchten Co., have returned from a delightful visit at Milwaukee, Wis. They visited the Holton & Hunkel Co.'s greenhouses while they were in the Cream City and found everything in splendid condition, particularly the Mrs. Chas. Russell, Ophelia and Hoosier Beauty roses.

PEONIES
$3.00 to $6.00 per 100.
Fancy home grown stock and positively the best value that you can get anywhere at $3.00 to $6.00 per 100. Strictly fresh and not cold storage stock.
ROSES---CARNATIONS
Orchids, Valley, Sweet Peas, Lilies and everything else that you need in Cut Flowers. Play Safe—Order Here.
CHICAGO FLOWER GROWERS' ASSOCIATION
Wholesale Growers of Cut Flowers and Plants
176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Erne & Klingel are showing some exceptionally fine Richmond roses at their store this week that are attracting much favorable attention. School closings last week called for a large supply of stock and everything was pretty well cleaned up the latter part of last week, is the report at this house.

A. T. Pyfer says that trade was very good last week at A. T. Pyfer & Co.'s store, with a grand clean-up in all lines, due principally to the many school closings. This firm is handling a nice supply of roses from the Pyfer & Olsem range at Wilmette, where Peter Olsem is in charge.

Paul Blome & Co. report a good season at their North Clark street retail store with a brisk demand for Mrs. Chas. Russell roses. The new rose Hoosier Beauty is making a hit with their customers and the proprietors predict a brilliant future for this variety.

Fred Dietsch and family will auto to Madison, Wis., this week to spend the Fourth. The rush of business at A. Dietsch Co.'s plant is keeping him busy, but he cannot resist the temptation to take his Oldsmobile out for a little exercise once in awhile.

At George Reinberg's store, where Robert Northam is in charge, one misses the American Beauty rose which was formerly grown in quantity at the Reinberg greenhouses, but discarded recently to make room for Mrs. Chas. Russell and Ophelia.

Weiland & Risch are well pleased with the growth of their new pink rose, Champ Weiland, at the greenhouses, and will have something extraordinarily fine to offer in a new variety next season.

Mrs. Frank Potocki, who has been engaged in the florist business at 3039 Milwaukee avenue, moved this week to better quarters at 1140 West Chicago avenue.

The annual meeting of the stockholders of the Chicago Flower Growers' Association will be held at 176 North Michigan avenue, Tuesday, July 6, when everyone is urgently requested to be present.

USE Budlong's Blue Ribbon Valley.

R. E. Kurowski, vice-president of the John C. Moninger Co., is building a new home at Wilmette, which will be ready for occupancy soon.

Mrs. Joseph Labo, of Joliet, visited the local market this week. She reports business good, with a clean-up in bedding plants.

Chas. H. Fisk, 1581 Ogden avenue, and family will leave soon on an automobile trip to New York in his new Cadillac "eight."

O. A. Tonner is showing a good supply of choice home grown peonies and expects to have some to offer for several weeks yet.

Harry Garland is now engaged in the florist business at White Cloud, Mich., where he is operating a range of greenhouses.

H. B. Kennicott and R. R. Brenton, of Kennicott Bros. Co., will spend July 4 by motoring to some secluded spot in Michigan.

Fred A. Kanst, of the south park system, is enjoying his usual vacation trips to his summer home at Paw Paw, Mich.

George C. Weiland, of Evanston, is thinking quite seriously of buying a new Overland.

W. J. Smyth and family are spending the summer at their country home at Antioch.

Miss Margaret Weiland of Evanston is visiting friends and relatives at Cincinnati, O.

C. S. Claussen says that A. P. Bonvallet cut his first outdoor gladioli this week.

Mrs. J. A. Budlong is spending the summer at her home at Lake Geneva, Wis.

Fancy Roses

Free From Mildew—the Kind That Give Satisfaction.

HIGH GRADE VALLEY--HARISSI--SMILAX

BESIDES ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits

Joseph Ziska, with Joseph Ziska & Sons, will spend his vacation in the east this year instead of the golden west, as nearly everyone else seems to be doing. There must be some pretty big attraction to induce him to go east when everybody else is talking about the wonderful sights at the Panama-Pacific exposition. 'Nuff sed.

Peter Reinberg is cutting heavily in My Maryland and Mrs. Chas. Russell roses which are meeting with good sale at the store according to Felix Reichling, who says that they are the two best sellers on the Reinberg list. This firm acknowledges a most pleasant visit from Mr. Sands, of Jackson, Tenn.

Harry Manheim of the Hoerber Bros. store force is enjoying his vacation this week. Hoerber Bros. cut their first Mrs. Chas. Russell and Hoosier Beauty roses this week and the quality of the stock was in keeping with their splendid Killarney. Some shipment!

J. F. Farrell had his Flanders truck stolen one day last week, but recovered it after notifying the police, who found it abandoned in an alley near Thirty-second street. Mr. Farrell and family will spend their vacation at Hudson Lake, Ind., this summer.

George Stiles, with the Stiles Co., Oklahoma City, Okla., was here on a business trip this week. Mr. Stiles, who has quite a little garden of his own, says that the wheat and corn crop in his vicinity are going to be unusually large this year.

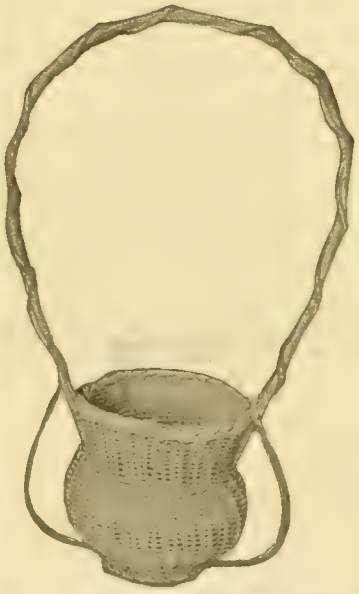
A. L. Vaughan and family made a little automobile trip to Cedar Lake, Ind., June 27, and report having had a delightful time. A. L. Vaughan & Co. are showing a good supply of American Beauty roses of fine quality at the store.

Gale Fanning, of the Zech & Mann force, is visiting relatives at Jacksonville. Gale is greatly missed at the store by the customers, for he is a second Charlie Chaplin and a good cure for the blues.

The E. C. Amling Co. received the first out-door asters of the season this week from Gus Swanson of Elmhurst. Al. Lehman will be the first of this store's force to enjoy his vacation, leaving on July 3.

Harry Balsley, with the Detroit Flower Pot Manufactory, Detroit, Mich., returning from a western trip called on the trade here last week, leaving June 26 to spend Sunday at home.

BASKET BARGAIN



ASSORTMENT

25

Small Cut Flower Baskets Including Liners

$7.50

This assortment of 25 small cut flower baskets for $7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue

CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

W. H. Kidwell and wife are spending the summer at Lilly Point Villa, Michigan, where his right hand assistant A. Ferrero, otherwise known as "Huskie" will join him this week.

Fred Krauss of the E. F. Winterson Co., is spending his vacation at Jacksonville, Fla., according to Louis Winterson, who received a postal from him this week.

L. Hoeckner, of the Peter Reinberg store force, has sold his flower booth concession at Riverview Park, which he has conducted for a great many years.

Kyle & Foerster have had a brisk demand for peonies since the season opened and their usual fine supply of stock to furnish their customers with.

H. E. Lozier and wife of Des Moines, Ia., visited friends here last week and then left for Wisconsin to spend several days fishing at Minocqua.

W. G. Miller, of Peru, Ind., is taking the rest cure here. He is stopping at a private hotel at the corner of Clark and La Salle streets.

William Wienhoeber, with the Ernst Wienhoeber Floral Co., and wife leave on July 3 for several weeks visit in Wisconsin.

Miller & Musser are receiving a good supply of local grown out-door American Beauty gladioli this week.

Leo Romansky has accepted a position as foreman at F. F. Scheel's greenhouses at Shermerville.

Mrs. August Poehlmann entertained the Dorothy Meadow Drama Club at Morton Grove this week.

George Hidenrich, of the Bassett & Washburn force, is the proud father of a baby girl.

The Batavia Greenhouse Co. is cutting peonies yet, but the end of the crop is near.

Mrs. H. A. Simpson will spend July 4 at Rockford.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

Hot Weather Flowers.

Fancy Peonies—Roses—Carnations—Gladioli
Lilies—Valley and Greens. Strictly Fresh
Stock at Reasonable Prices. Order Here.

Poehlmann Bros. Co. is having a tremendous call for the new rose Hoosier Beauty, which promises to be a winner. The flowers they are cutting are carried on stems fully four feet long and the velvety finish to the petals seem to appeal to the better class of trade for they are willing to pay $1.50 to $2.00 per dozen, which is a good figure considering the general market conditions. Otto W. Frese thinks that the rose Mrs. Chas. Russell is the best in commerce today and boosts it every opportunity he gets. Tim Waters and his assistants have started to take stock in the supply department and are well along with the work. This firm's new catalog is nearly ready for mailing and will be sent free to anyone in the trade upon receipt of a postal. E. C. Pruner is representing the firm at the Texas State Florists' convention at Fort Worth, where they have a large exhibit.

C. P. Rogers, manager and one of the members of the firm of Johnson Bros. & Alexander, who operate a store at 108 South State street and another at 77 West Washington street, reports business as very satisfactory. One order last week called for 600 corsage bouquets of sweet peas, which were delivered to the Midway Gardens when the delegates to the International convention of the Associated Advertising Clubs of the World were entertained at luncheon last week. Miss Anna Sigmund, formerly with the Madison Floral Co., is in charge at the Washington street store.

C. L. Washburn, of Bassett & Washburn, and wife will leave this week for a visit with relatives in California. They celebrated another wedding anniversary this week with an informal dinner at the South Shore Country Club and everyone present held a most delightful time. Joe Einweck, who has charge of the American Beauty roses at the Bassett & Washburn store, leaves this week for San Francisco, Calif., to see the Panama-Pacific exposition.

A meeting of the executive committee of the Horticultural Society will be held at the Art Institute Friday, July 2, at 3 p. m., to discuss fall flower show matters, plans for which are making excellent progress. The show will be held at the Coliseum, November 9-14, inclusive. For copies of the preliminary premium list, which will soon be ready, address N. P. Miller, secretary, 179-183 North Wabash avenue, Chicago.

John Poehlmann, Jr., who graduated with high honors from the Culver Military Academy, at Culver, Ind., in June, is traveling for this institution, and so far has enrolled a large number of new students for the next term. When he finishes this work he will assist his father in the cut flower department at Poehlmann Bros. Co.'s store.

J. C. Craig has been in the retail business here since 1874, and his trade is flourishing, thanks to the ability of his sons, Joseph A., Arthur and Herbert, who are associated with him in business. Mr. Craig visits the market occasionally and when asked how he is feeling, he usually replies, "I am having a pleasant time on easy street."

Reinhart Scheel, florist of River Forest, and Mrs. Mathilda Klingenmaier, of Chicago, were married at Crown Point, Ind., June 28.

Miss Schrieber, Bassett & Washburn's charming stenographer, is sweet sixteen today.

Visitor: E. S. Dodson, Urbana.

Minneapolis, Minn.

GOOD DEMAND REPORTED.

Business the past week has been very good, with plenty of funeral and weddings scattered very evenly with the trade. Roses are holding up well at from two to eight cents, with sales averaging from four to six cents. Carnation sales dropped off on account of the abundance of peonies in the market. Carnations sold from $6 to $25 per thousand, with the average at 2 cents each; peonies from $2.50 a thousand to $30 for fancy stock; sweet peas, 50 cents to $1.00 per hundred, with the end of the crop in sight owing to warm weather. Some fine larkspur has made its appearance and finds ready sale.

NOTES.

The Minneapolis base ball team played at Glencoe Sunday, June 27, and met defeat, 4 to 0. Batteries were: Minneapolis, Miller & Beck; Glencoe, Lambert & Donaghue; strike outs—Miller, 16; Lambert, 11. Hits—7 off Miller; 14 off Lambert. Errors—Minnneapolis, 2; Glencoe, 1.

At the last meeting of the florists of Twin Cities before adjournment for the summer, the Minneapolis boys extended thanks for courtesies shown us by Messrs. Holm, Hanson and others of St. Paul.

Mr. Metcalf, of A. L. Randall Co., Chicago, spent a week in this city and reports he had a nice trade.

The Twin City florists will hold their picnic at Spring Grove, Lake Minnetonka, Tuesday, July 20, and invite all members of the craft to attend.

The committee appointed to arrange for the picnic held a meeting June 28 and A. C. Rice was elected treasurer of the finance committee.

Will Brothers have finished planting asters and carnations. Their sweet peas are coming fine. They expect them in about July 15.

Oscar Amundson gave away in front of his store Saturday, June 26, 2,000 peonies, which he would not sell at 15 or 20 cents a dozen.

Wm. D. Desmond, Chris. Eisele and Cal Rice left July 2 for a trip to the northwest, Winnipeg being the first stopping point.

The meeting of the executive committee in St. Paul, Wednesday, June 30, finishes all arrangements for the picnic.

C. G. Anderson has leased a flat on Lake street and expects to move his family from Morton Grove, Ill., next week.

Hugh Will and Ralph Latham have returned from their trip to the lakes.

W. C. Drake has sold his greenhouses at 3004 Fourth avenue South to Mr. Wast. T. C. R.

Providence, R. I.

HAIL STORM DOES MUCH DAMAGE.

Market conditions have been very good the past week, all stock cleaning up well. The peony season is now over, and gladioli are coming in better than ever and sell very well. Roses are shortening up at this writing, but are good. Carnations are going back very rapidly but some white varieties are still very good. The weather the past week has been cloudy and with a shower every day, and finally ending up with a violent thunder storm, June 26, that turned into a hail storm, and did considerable damage to the greenhouses in the eastern part of the state. The hail in some sections was as big as small hens' eggs and covered the ground as though it was snow.

NOTES.

The greenhouses of F. A. Ballow, of Barrington, R. I., were considerably damaged by the hail storm, June 26, doing much damage to his crop. As far as is now known the storm did little damage to any of the greenhouses in or near Providence.

Albert Holscher of Pocassett, has finished cutting his sweet peas and has planted the houses with chrysanthemums. H. A. T.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 6784

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

WEILAND & RISCH

GROWERS AND SHIPPERS

SHIPMENTS EVERYWHERE — CUT FLOWERS — IMMEDIATE DELIVERIES

154 NO. WABASH AVE. CHICAGO

PHONE CENTRAL 879

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

174-6 N. Wabash Ave.,
CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing.

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

Mention the American Florist when writing.

A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing.

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

USE Budlong's Blue Ribbon Valley.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 162 N. Wabash Ave., CHICAGO

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	$3 00
" " 36-in.	2 50
" " 30-in.	2 00
" " 24 in.	1 50
" " 20-in.	1 00
" " 15-in.	75
" " 12-in.	50
" Mrs. Chas. Russell	1 00@ 2 50
	Per 100
" Hoosier Beauty	4 00@15 00
" Killarney Brilliant	3 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	3 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	3 00@10 00
" Milady	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	3 00@10 00
" Ophelia	3 00@10 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas, per doz.	4 00@ 6 00
Gardenias, per doz.	3 00@ 4 00
Gladioli	2 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Sweet Peas	75@ 1 50
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns	1 50@3 00
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy, per 1000	5 00@6 00
Plumosus Strings, each	60@ 75
Smilax, per doz.	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 35c per lb.	

Totowa, N. J.

Charles W. Thompson has a considerable glass area and grows a variety of stock. His garden is also at this time prolific in hardy flowers. Being near a cemetery, he has a good local trade. Francis Milne, in the same locality, does a similar business, growing a variety of stock and attending to cemetery work.

At the sanitarium of Dr. Millspaugh there is a very fine hardy garden with a great variety of flowering stock. A feature of this garden, which is several acres in extent, is the hedge of honeysuckle, supported by wire, which surrounds it. There is also a small greenhouse. A. F. F.

BRISTOL, TENN.—P. S. Wise, of Fairmont Gardens, reports business as good as can be expected at this time of year.

FIELD GROWN CARNATION PLANTS

PINK	100	1000
Mrs. C. W. Ward	$7.00	$60.00
R. P. Enchantress	6.00	55.00
L. P. Enchantress	6.00	55.00
Enchantress Supreme	8.00	75.00
Dorothy Gordon	7.00	60.00

PINK	100	1000
Winsor	$7.00	$60.00
Peerless	8.00	70.00
Gorgeous	7.00	60.00
Philadelphia	7.00	65.00

WHITE	100	1000
Matchless	$9.00	$80.00
Enchantress	8.00	70.00
Perfection	7.00	60.00
White Wonder	7.00	60.00
Alma Ward	7.00	60.00

RED	100	1000
Champion	$8.00	$70.00
Beacon	7.50	65.00
Victory	7.00	60.00
Comfort	7.00	50.00
Commodore	7.00	60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET FULL TO OVERFLOWING.

Conditions are much the same as a week ago; very much more stock coming in than there is any outlet for. Almost all lines are full to overflowing; even the absence of the peonies, which ruled the market the first two weeks in June, has been but little relief, as the demand declines more rapidly than the supply. Outdoor sweet peas have had a short life; at least this is true of the early ones, which were badly hammered by the heavy rains of last week. Those who planted Spencers are getting their reward, as they are coming from growers in very fine condition. A carte blanche order was given to the Habermehl's for the wedding of a granddaughter of John Wanamaker. It seemed as if everything of merit in all lines was bought for this decoration. The orders were well distributed, all the houses being remembered. One commission dealer furnished 5,000 Easter lilies and others fared almost as well with their specialties. This single function was a great help to the situation. There has been a good demand for good cut rambler roses. Much of the stock this season has been badly infected with mildew, which takes all the life out of the color of the flowers.

FLORISTS' CLUB OUTING.

The annual outing of the florists' club at Schuetzen park, Monday, June 21, was well attended and afforded great pleasure to the two hundred and more persons who attended. The committee very considerately left out the showers that have been so conspicuous heretofore. The baseball game between seedsmen and retailers, versus growers and wholesalers, was very well played. "Tyrus Cobb" Gaul, of the defeated team, was so busy looking the part that he could not see the ball, and his batting average was very low. The rest of the nine with no "star" reputations, lived up to theirs and—lost out. The score was 6 to 4.

In the games, everybody—boys, girls, men and women—had a chance to win a prize. That always strenuous affair, the tug-of-war, was won by Bobby Shocks' team for the first time. John Kuhn's team beat Dennis Connor's in the bowling. The ladies' wheelbarrow event was won by Miss A. C. Huebner; Mrs. W. Smith, second.

Other events were as follows:

Fifty-yard race—Miss Heacock, first; Miss A. Klein, second.

Ladies' potato race—Miss Geschick, first; Miss Adelberger, second.

Girls' race, 14 to 18 years—Miss Adelberger, first; Miss D. Adelberger, second.

Girls' race, under 14 years—Miss G. Wagner, first; Miss H. Theile, second.

Men's wheelbarrow race—A. Strohlein, first; E. Dornheim, second.

Boys' race, 14 to 18 years—S. D. Lawyer, first; C. Pennock, second.

Men's race—C. Pennock, first; J. Strohlein, second.

Men's sack race, 18 years and over—C. Pennock, first; J. Wenz, second.

Fat men's race—R. Shock, first; G. Hampton, second.

A splendid dinner was enjoyed afer the games, good music enlivening the occasion and dancing followed the presentation of the prizes, which were splendid souvenirs.

NOTES.

H. A. Dreer, Inc., have secured permission from the bureau of city real estate to improve one of the large plots in front of convention hall and now have a force of workmen preparing the ground and making attractive flower beds. These will be cared for during the summer and fall, and it is their intention to make a suitable display on this plot during the National Flower Show, which will be held in convention hall next March.

R. C. Hayden, of the Philadelphia Cut Flower Co., has sold out his interest to George Angele, who for sev-

Wholesale Flower Markets

BOSTON, June 30.	Per 100
Roses, Beauty	2 00@20 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	16 00@25 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Carnations	50@ 1 00
" select	1 50@ 2 00

BUFFALO, June 30.	Per 100
Roses, Beauty, special	20 00@25 00
" " fancy	15 00@20 00
" " extra	10 00@12 00
" " No. 1	6 00@10 00
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 7 00
" White Killarney	3 00@ 7 00
" My Maryland	3 00@ 7 00
" Killarney Queen	3 00@ 7 00
" Richmond	3 00@ 7 00
" Sunburst	3 00@ 7 00
" Ward	3 00@ 5 00
" Taft	3 00@ 7 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 00@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	1 00@ 2 00
Peas	50@ 1 00
Gig. Lilies	7 00@10 00
Peas (outdoor) bunch, 5c@10c	
Gladioli (indoor)	4 00@ 6 00
Asparagus Sprengeri 35@ 50	
Ferns per 1000, 2 50	
Smilax	15 00

CINCINNATI, June 30.	
Roses, Beauty, per doz.	$0 75@$3 00
	Per 100
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus, per bch., 25c	
Carnations	1 00
Orchids, per doz	3 00
Sweet Peas	25@ 35
Gladiolus	3 00@ 4 00
Snapdragons	2 00@ 3 00

ST. LOUIS, June 30.	Per 100
Roses, Beauty, medium	10 00@20 00
" short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
" Radiance	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	1 00@ 1 50
Orchids	20 00@35 00
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	6 00
Sweet Peas	20@ 40
Gladioli	2 50@ 3 00
Callas	6 00@ 8 00
Ferns per 1000, 2 00	

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley

SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.

1225 Race St., Philadelphia, Pa.

C. E. CRITCHELL

"The" Wholesale Florist of Cincinnati

32-34-36 East Third St. CINCINNATI, OHIO

Consignments Solicited.

Complete Stock of Florists' Greens and Supplies

Manufacturers and Importers of

Florists' Supplies

THE McCALLUM CO., Cleveland, Ohio Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots.

Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88	$0.50	$0.85
No. 55	.75	1.25
No. 48	1.00	1.50

Envelopes to match (1000 to package), same price as cards.

Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206
448 Milwaukee St., Milwaukee, Wis

WM. C. SMITH
Wholesale Floral Co.

WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

USE Budlong's Blue Ribbon Valley.

eral years has been manager of the concern. Mr. Hayden will devote his entire time to his Highland Rose Co., which has grown to such extent as to require his whole attention. He will sell his products through the Philadelphia Cut Flower Co. as before.

An idea of the value of hydrangea stock thrown on the market through the medium of the department stores to sell at 29 cents each, is shown, when a grower bought a number of the plants, put them in larger pots and sold them to the stores for $1.00 each, the buyers being satisfied that they got good value for their money. K.

Baltimore.

Sam'l Feast & Co. furnished the floral decoration for one of the prettiest June weddings of the season, that of Miss Sara Bell Williams to Gilbert L. Lucas in Old St. Paul's church. The chancel was banked with palms and Easter lilies, and tall standards of peonies and ferns were tied to the pews at the middle aisle. The bride's bouquet of orange blossoms and lilies of the valley was a work of art.

Edwin Seidewitz' force have been rushed to their full capacity this week. Their orders for weddings were exceptionally heavy. They supplied the elaborate decorations of palms, plants and cut flowers for the wedding of Miss Florence Hirschman to Isaac Davis. The greenhouses at Annapolis were damaged considerably by hail during the recent storm.

Wholesale Flower Markets

PHILADELPHIA, June 30.	Per 100
Roses, Beauty, extra	20 00@25 00
" " first	8 00@10 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Snapdragons	3 00@ 5 00
Peonies	3 00@ 6 00
Gladioli	3 00@ 8 00
Mignonette	2 00@ 4 00
Asparagus.....per bunch.	50

PITTSBURGH, June 30.	Per 100
Roses, Beauty, special	15 00
" " fancy	10 00
" " extra	6 00
" " No. 1	3 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00
" Sweetheart	1 00
Carnations	1 50
Cattleyas	50 00
Lilium Giganteum	6 00
Valley	3 00
Adiantum	1 00
Sweet Peas	50
Gladioli	4 00
Asparagus Sprengeri, per bunch,	35@40
" Sprays.....per bunch,	35@40
Snapdragon	4 00

Edward Woodford's loss by the hail storm is quite noticeable and R. Kaiser reports that hail stones "large as a baseball" fell in his vicinity, doing much damage to his range.

The Florist's Exchange reports a good demand for long stem white roses. All cut flowers are in fair demand.

The first asters were cut this week and found ready sale at good prices.

RICE BROTHERS

Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING

Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

MILWAUKEE, June 30.	Per 100
Roses, Beauty, per doz.,	2 00@ 3 00
" Killarney and W. Killarney	2 00@ 8 00
" Ward, Sunburst	2 00@ 6 00
" Mrs. Chas. Russell	5 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	3 00@10 00
Carnations	1 00@ 3 00
Lilies	8 00@10 00
Snapdragon, per bunch, 25c@50c	
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Peonies	2 00@ 4 00
Daisies	50@ 1 00

G. A. Lutz met with a heavy loss by last week's hail storm. Robert Yates' territory also came in the wake of the hailfall. R. J. B.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, **$6.95** 300 Bulbs, $18.00 1200 " 70.00

C. S. & CO. NEW YORK

LILY OF THE VALLEY PIPS.

1000 Pips, $15.00 2500 " 35.00 **$7.95** Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

TRADE SHOWS SLIGHT IMPROVEMENT.

There was an improvement in the condition of business during the past week, to the extent that there was not such a glut, and that stock moved more freely. There was also a slight stiffening in prices. American Beauties are somewhat off crop and good ones are scarce, specials going at the rate of $25 per 100; in fact, special stock of nearly every variety of rose has been in light supply. The best Cattleya orchids have been selling at $20 and $25 per 100. Lilies have done a little better, but that was poor, at $1.50 to $2 per 100. Good carnations got back to $1.50 and $2 per 100, and are likely to go higher while they last, as the finish of the carnations is near at hand. It was in their favor, that the weather of the past week was uniformly cool, night temperature going as low as 53 degrees. The closing of the schools, with their attendant functions, has added some life to the trade and there has been much funeral work.

June 28.—There is fair activity in the market. There is no surplus in any special roses, but enough of inferior grades. Though the cool weather has helped out the carnations, but few good ones are now seen. In fever-few and various similar stocks there is a surplus and an abundant supply of sweet peas. Lilies are doing a little better.

FLORISTS' CLUB NOMINATING COMMITTEE.

President Harry A. Bunyard of the Florists' Club has appointed the following nominating committee to select candidates for office, 1916: Joseph A. Manda, chairman; John Donaldson, Frank H. Traendly, Charles B. Weathered, Walter F. Sheridan, Charles H. Totty, Charles Weber.

NOTES.

Louis Dupuy's range at Whitestone is an interesting place to visit at any time of the year, and while at present the houses are not filled with a great stock of flowering plants, there is much that is interesting and a leading feature is a great stock of the heather, much of it being grown out in the open. It has been said that neat and well kept grounds and surroundings are good advertisements for a florist, and that is true of this place. Evergreens and flowering shrubs, rambler roses, beds and boxes of geraniums and other flowering plants are arranged about the residence with good effect. Ferns, dracænas, camellias, pelargoniums and many other plants are seen in quantity.

A table prepared by experts for the 10 months of the fiscal year ended in April, shows that a heavy decrease has taken place in imports of 21 industries, with an increase in only four. The falling off in fertilizers is noteworthy. For the 10 months noted, the value of importations fell from $20,000,000 to less than half that sum. The importation of fertilizers for April, 1915, compared with April, 1914, show a shortage of about 500 per cent. In addition to the shutting off of the German supply the increased price of Chilian nitrate has checked importations.

It is reported that Charles E. Applegate, a retail florist of Putnam avenue, Brooklyn, with a residence at 426 Grand avenue, recently lost $2,000 worth of his wife's jewelry by leaving it in the pockets of a suit which he had sent to a tailor to be pressed. The tailor denies that the jewelry reached his shop in the suit. It appears that Mr. Applegate had taken the jewelry with the intention of placing it in the safe at his store and forgot to do so.

At the range of the J. M. Keller Co., Whitestone, three new houses, each 27x125 feet, have recently been finished. They are of iron frame with concrete foundations and very substantial. They will be utilized for plant growing. Manager John Appel has been sending out very fine stock of the new white hydrangea. A fine stock of heather, Pandanus Veitchii and other plants were also noted.

Henry Ulrich, Woodside, formerly a carnation grower, has now taken up the growing of Asparagus plumosus nanus. All the boys are calling to see Henry's eagle. It is not "chained to a perch" like the eagle in the old rhyme, but perches on top of a tall iron pole in front of his house, with a weather vane beneath. It looks like a "golden eagle" but is very peaceable.

A. L. Young & Co., 54 West 28th street, have incorporated with a capital stock of $25,000 for the purpose of carrying on a business in floriculture, horticulture and agriculture. The incorporators are A. L. Young and Herman Scommodan of New York and Fred Lightfoot of Rutherford, N. J.

Clark James, a clever young man, formerly employed by C. C. Trepel, who went into the retail business for himself a few months ago, is making a success of it. As the "Mount Morris Florist," he has a store at 66 East 125th street, and another at Mt. Vernon.

A meeting of importers of this city was recently held and a committee appointed to call on Secretary Lansing in Washington in an attempt to devise ways and means to get their goods out of Germany, the obstacle, it appears, being the British fleet.

Miss Annie Ullman, for the past 15 years, cashier and bookkeeper for J. P. Klausner, Columbus avenue and 73d street, was married on June 20 to Maurice Bibro, a merchant of this city.

Richard Vincent, Jr., Whitemarsh, Md., and granddaughter were in the city June 26 and attended the exhibition of the Horticultural Society of New York at Bronx park.

Victor Dorval's Sons, Woodside, have a good general stock, lilies, chrysanthemums, asparagus and a variety of pot plants being noteworthy.

Philip F. Kessler spent the closing days of June in Boston.

A. F. F.

KNOXVILLE, TENN.—The second annual picnic of the Florists' Society was held at Clinch river station, June 25, with numerous festivities and athletic events.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE GROWER AGENT
COMMISSION FLORISTS
55 West 26th St., New York

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Horticultural Society of New York.

The above named society held an exhibition in the Museum building, Bronx park, June 26-27, which was noteworthy on account of the quantity of fine hardy stock displayed. The stock was good, and tastefully arranged. Leading exhibitors were: Bobbink & Atkins, Rutherford, N. J., hardy perennials, polyantha roses, hybrid tea and tea roses, and a collection of delphiniums; William Shillaber, Essex Falls, N. J. (J. P. Sarenson, Gr.), hardy rambler roses, including Tausendschon, Dr. W. Van Fleet, Hiawatha, Silver Moon Everblooming, Flower of Fairfield, Lady Gay, Aberie Roabier, Gardenia, Dorothy Perkins and White Dorothy; John Lewis Childs, Flowerfield, N. Y., yellow Calla Elliottiana, and lilies and irises; Mrs. F. A. Constable, Mamaroneck, N. Y. (James Stuart, Gr.), vases of hybrid perpetual roses; Mrs. W. G. Nichols, Rye, N. Y. (G. N. Sullivan, Gr.), collection of flowers of herbaceous plants; T. A. Havemeyer, Glen Head, N. Y. (A. Labodny, Gr.), collection of flowers of shrubs and trees; Mrs. Benjamin Stern, Roslyn, N. Y. (H. Gold, Gr.), collection of sweet peas; Adrian Iselin, New Rochelle, N. Y. (Joseph Tiernan, Gr.), collection of delphiniums, which were exceptionally fine, also a collection of sweet peas; Mrs. H. Darlington,

OFFICIAL S. A. F. **Shipping Labels**

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones 1664 Madison Square, 1665 **34 W. 28th St., New York**

Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Paul Meconi

Wholesale Florist

55-57 West 26th Street

NEW YORK CITY

Telephone: 3864 Madison Square.

Mamaroneck, N. Y. (P. W. Popp, Gr.), Allamanda Schottii; Lager & Hurrell, Summit, N. J., large plant of Orchid cattleya gigas. A number of prizes were awarded.

Yonkers, N. Y.

With nearly 100,000 population, it is to be supposed that this city should have a good share of the florist business. It is also a wealthy city, or to be more definite, there are many people of wealth who own property and reside within its boundaries. The noted estate, "Greystone," once the home of Samuel J. Tilden, and now owned by Samuel Untermeyer, a noted lawyer, is in Yonkers. There are several hundred acres in this estate and the horticultural features are noteworthy. The glass area is larger than is usually seen on a private place and there is a fine collection of what are generally known as stove plants. At present a fine crop of pot chrysanthemums are being brought forward. On the grounds fine ornamental bedding was noted. T. Hutton, a young Englishman, is now superintendent of this place.

Among the commercial florists we found evidence of activity. At Macdonald's, 2 Main street, we found business very active. Commencement exercises of the schools were held June 29, which made considerable business. A seed business is also carried on.

Frank Knapper has been in business in Yonkers for many years. He formerly had a retail store, but in late years has devoted his attention exclusively to his range on Bellevue avenue, in which he is assisted by his sons.

The Parkhill Florists, 248 South Broadway, have a good store. C. A. Schaefer, formerly well known in the business in New York, now conducts this store.

The Milliot store, 18 North Broadway, does a good business and buys extensively in the New York wholesale market. This firm also owns glass.

The New York Floral Co., of which M. T. Rovatzoo is the leading spirit, has a fine store and a good business.

Mrs. Elizabeth Macheny has conducted a retail store for many years and may be called one of the pioneers of the business in Yonkers.

R. T. Broderick started a retail store at 3 Dock street about a year and a half ago and seems to be prospering.

A. F. F.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, June 30.	Per 100
Roses, Beauty, special	20 00@25 00
" " extra and fancy	10 00@15 00
" " No. 1 and No. 2	3 00@ 5 00
" Alice Stanley	1 00@ 8 00
" Prince d'Arenberg, special	4 00@ 5 00
" Francis Scott Key, special	6 00@ 8 00
" Mrs. Geo. Shawyer, special	3 00@ 4 00
" " " extra	2 00@ 3 00
" " " No. 1 & No. 2	50@ 1 00
" White Killarney; special	4 00@ 5 00
" Killarney, My Maryland... special	4 00@ 5 00
" " No. 1 and No. 2	1 00@ 3 00
" " Queen	1 00@ 5 00
" " Brilliant	1 00@ 6 00
" Aaron Ward	50@ 6 00
" Richmond	50@ 5 00
" Sunburst	50@ 5 00
" Taft	1 00@ 8 00
" Milady	50@ 5 00
" J. L. Mock	50@ 6 00
" Hadley	1 00@ 8 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@ 8 00
Carnations	50@ 1 50
Cattleya Orchids, special	35 00@40 00
" " inferior grades	10 00@15 00
Lilies, Longiflorum and Harrisii	2 50@ 3 00
Lily of the Valley	1 00@ 2 00
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	75@ 1 00
Sweet Peas, per doz. bunches.	25c@75c
Gladiolus.....per doz.,	35c@50c
" America..... " "	50c@75c

United Cut Flower Co., Inc.

WHOLESALERS

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments

GEORGE J. POLYKRANAS, Manager.

Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Mention the American Florist when writing

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones 798 and 799 Madison Square.

Orchids, Roses, Carnations, and all the other best products of the leading growers. Consignments solicited.

Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square.

Mention the American Florist when writing

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

Mention the American Florist when writing

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York

Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade, at Wholesale.

TELEPHONES MADISON SQUARE 1519-5893

119 West 28th Street NEW YORK

Mention the American Florist when writing

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET

NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing

Mention the American Florist when writing

St. Louis.

Summer dullness prevailed the past week, the only outlet being funeral work. The retailers are now preparing for vacations, fixing up and painting their stores. The weather is wretched, continuous rains causing what little transient trade there is to suffer.

NOTES.

The Florists' Retail Association met June 21, at Anschutz garden, 17 members present, Charles C. Young in the chair. A committee of four from St. Louis County Growers' Association was also there. The credit committee reported. It was suggested that books be printed of dead beats, slow pays and other undesirable parties with whom the retailers do not wish to come in contact. Every member of the association should receive one of these books. A committee of four retailers was appointed to confer with the growers' committee in reference to the closing of the wholesale houses Saturday at noon until Monday morning. The majority at the meeting thought the wholesalers should have conferred with the growers and retailers before deciding on early and extended closings. Action was taken on certain schools prohibiting flowers at graduations. The closing of all retail stores was also brought up and laid over for the next meeting. Four new members were elected, Frank Gorly, Joe Windler, W. H. Kruse and Andrew Meyer, Jr. Four applications for membership were also received. A prize was voted upon to be given for one of the events at the annual picnic, July 22.

H. G. Berning was quietly married to Emma Bruening, sister of his late lamented wife, June 29, who was cashier and bookkeeper for several years. It was the late Mrs. Berning's desire and wish that her sister should marry her husband three months after her death. Henry and his wife left for the east and will be gone for three or four weeks. The business will be left in charge of his brother-in-law, Otto Bruening. All his friends wish him good luck and continued prosperity.

At the meeting of the growers, held June 21, at C. A. Kuehne's, to meet the wholesalers, nothing was settled. The wholesalers closed at noon, Saturday, until Monday. They claimed their sales were larger than if they had kept open. The growers requested that they keep open until five o'clock Saturday, but the wholesalers stood pat.

Preparations for the annual picnic, given by the local florists' club, are in the hands of the trustees, who will have everything in shape, July 22.

The daily papers are giving large notices advertising the beauties to be seen at Shaw's Garden, everything being in fine shape.

Carnations are getting smaller and are of very poor quality, also sweet peas are soft and in many instances unsalable.

W. F.

Ft. Wayne.

DULL TRADE FOLLOWS SUMMER'S ARRIVAL.

Trade was quieter last week than any previous week in June, owing to the passing of commencement time and the bedding season. Weddings, however, were quite numerous, and the dedication of the Lincoln highway, June 21, was the occasion for the use of cut flowers in great quantities. Stock has held out well all spring up until now, when the hot weather is really just beginning. Roses are good, but not as plentiful as they have been. Carnations from the local stock are quite small, and prices have dropped. The old crops of sweet peas are getting small, but the new crops look promising. Lily of the valley has sold well. Gladioli are in large supply and fine quality.

NOTES.

The dedication of the Lincoln highway, June 21, created a big demand for the florists. There were one thousand machines in the parade, many of which were decorated with natural flowers. Vice-President Marshall was the guest of honor. The parade started from this city and went along the Lincoln highway to New Haven, Ind. The New Haven Floral Co. had their grounds elaborately decorated and presented thousands of cut flowers to the participants of the parade. Frank Knecht's new touring car was decorated with Easter lilies and many roses. Messrs. Herman and Leitz of the New Haven Floral Co. are busy planting their houses of chrysanthemums and Killarney rose plants.

The Flick Floral Company furnished the decorations and one hundred corsages for the guests at a luncheon bridge at the Country club given by Mrs. Max Fisher, June 22. Snapdragons, sweet peas and Shawyer roses were used.

Edgar Wenninghoff is showing some good geraniums and other bedding stock in his down town store. He reports a splendid season.

The Doswell Floral Co. are showing some attractive window displays. Their greenhouse force is busy planting the young stock.

H. K.

Ridgewood, N. J.

Frederick C. Schweinfurth is one of the most expert rose growers that ships to the New York market. As a young man he served an apprenticeship with the late Ernest G. Asmus, of West Hoboken, whose name was for years synonymous with good rose growing.

A. V. D. Snyder, who is also a seedsman and agent for Bowker's fertilizers, has three large houses with a large stock of chrysanthemums coming on.

A. Thurston's Sons are erecting a new house of considerable dimensions to replace an old one, and will be well prepared for next season.

It is stated that the John Bingham estate is now out of business as florists.

A. F. F.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

1333 W. 35th St., CHICAGO, ILL.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

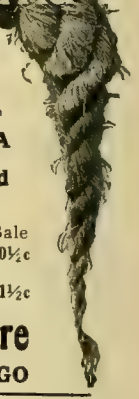
Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

Mention the American Florist when writing

Vaughan's Raffia



Imported by us direct from

Madagascar, WEST AFRICA

We offer two grades both good value, viz.:

	Price per pound. 10 lbs.	25 lbs.	100 lbs.	Bale
REGULAR	17c	15c	12½c	10½c
FLORISTS' SPECIAL	19c	17c	13½c	11½c

Vaughan's Seed Store
NEW YORK CHICAGO

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) $2.50 per case

Fancy Ferns	per 1000, $1.25
Dagger Ferns	per 1000, 1.00
Natural Moss	per bag, 1.75
Perpetuated Moss	per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

LYRATA $2.50 Per Case

Fancy Ferns	$1 25 per 1000
Dagger Ferns	1 00 per 1000
Natural Moss	1 75 per Bag
Perpetuated Moss	3 50 per Bag

Caldwell the Woodsman Co.
Everything in Southern Evergreens.
EVERGREEN, ALABAMA

GALAX--LEUCOTHOE

New crop now ready. We are situated in the heart of the Galax section and can furnish you the very best stock. If you cannot get our stock from your jobber write us for prices We can make it to your advantage to deal with us. Demand our greens and you are assured of the best the market affords at all times.

MT. MITCHELL DECORATIVE EVERGREEN CO., MARION, N. C.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

Seattle, Washington.

Hollywood Gardens

Flowers for all Occasions.

1536 Second Avenue.

Members of Florists' Telegraph Delivery.

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. **T. J. JOHNSTON & CO.** 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. WASHINGTON, D. C., Cor. 15th & H. Sts.

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

Friedman

.:.:.FLOWERS.:.:.

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Adires4, DARDSFLOR.**

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery

—OF—

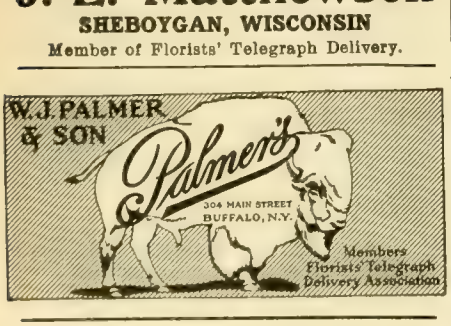
"HOME GROWN FLOWERS"

Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

New York.

MAX SCHLING

No. 22 West 59th Street

Adjoining Plaza Hotel.

Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palez, Paul M., Little Rock, Ark.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
Young & Nugent, New York.

Detroit, Mich.

John Breitmeyer's Sons

Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

Members of Florists' Telegraph Delivery

Mention the American Florist when writing

St. Paul, Minn.

L. L. MAY & CO.

Order Your Flowers for delivery in this section from the

LEADING FLORISTS OF THE NORTHWEST

Mention the American Florist when writing

WASHINGTON D. C.

—

Gudes'

Members of Florists' Telegraph Delivery Ass'n.

Kansas City, Mo.

Samuel Murray,

1017 Grand Avenue

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing

Denver, Colo.

The Park Floral Co.

J. A. VALENTINE. President

Members of Florists' Telegraph Delivery.

Mention the American Florist when writing

Trade Directory

OF THE

United States and Canada

Price $3.00 Postpaid.

American Florist Co.,

440 S. Dearborn St.,
CHICAGO.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

Mention the American Florist when writing.

PHILADELPHIA and VICINITY.

The London Flower Shop, Ltd.

1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

Pittsburgh, Pa.

A. W. Smith Co.

KEENAN BLDG.

Largest Floral Establishment in America. Established 1874. Incorporated 1909

Mention the American Florist when writing.

New York.

G. E. M. STUMPP

761 Fifth Avenue

Member Florists' Telegraph Delivery Association

Mention the American Florist when writing

THE J. M. GASSER COMPANY,

CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackistone.

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

WHOLESALE AND RETAIL.

Members of Florists' Telegraph Delivery.

Trade Directory

Price $3.00 Postpaid.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO

Telephone 2656 Established 1880

M. WEILAND

FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

Albany, N. Y.—Eyres, 11 N. Pearl St.
Atlanta, Ga.—Atlanta Floral Co., 41 Peachtree.
Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Little Rock, Ark.—Paul M. Palez.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia.—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. B. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Vancouver, B. C.—Brown Bros. & Co.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

New York. Established 1849

David Clarke's Sons

2139-2141 Broadway, cor. 75th St.

Orders By Telegraph Promptly Filled

Phones, 1552-1553 Columbus

Mention the American Florist when writing

San Francisco

Podesta & Baldocchi

224 Grant Avenue

Prompt and careful attention to orders from out-of-town florists.

Mention the American Florist when writing

Kansas City, Mo.

A. Newell

FLORIST

Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

Cleveland, O.

The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

NORTHERN OHIO.

Mention the American Florist when writing

St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

Ostertag Bros.

The Largest Retail Supply House in the West.

Jefferson and Washington Ave.

Albany, N. Y.

EYRES,

Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

11 NORTH PEARL STREET

Mention the American Florist when writing

Toronto, Can.

Canada's best known and most reliable florist.

Only the Best Dunlop's

96 Yonge Street.

We deliver anywhere in Canada and guarantee safe arrival.

Mention the American Florist when writing

THOS. F. GALVIN INC.

NEW YORK 561 Fifth Ave. Vanderbilt Hotel

BOSTON 1 Park Street 799 Boylston Street

Deliveries to Steamers and all Eastern Points.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist

2221-2223 W. Madison St. CHICAGO.

All orders carefully filled under the supervision of

GEORGE ASMUS, Mgr.

Wire, Write or Phone West 822

Member Florists' Telegraph Delivery.

Rochester, N. Y.

J. B. KELLER SONS,

FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

Members Florists' Telegraph Delivery.

Cleveland, O., and Vicinity.

Bramley & Son

1181 E. 71st St.

The Largest Growers of Flowers in City

Little Rock, Ark.

PAUL M. PALEZ,

FLORIST,

409 MAIN STREET.

All orders carefully filled and delivered to all parts of the city, Arkansas and the Southwest.

Mention the American Florist when writing

Toledo, O.

Mrs. J. B. Freeman

(Successor to Geo. A. Heinl)

336 Superior St,, Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders

Member of The Florists' Telegraph Delivey.

Mention the American Florist when writing

DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries to Superior, Wis.

DULUTH, MINN.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

TERRE HAUTE, IND.

THINK OF **HEINL'S**

New York.

MYER, FLORIST, 609-611 Madison Ave

Phone 5297 Plaza.

Member of The Florists' Telegraph Delivery.

Memphis, Tenn.

The Flower Shop The Leading Florists

69 MADISON AVENUE

KANSAS CITY, MISSOURI.

ROCK'S FLOWERS

Members Florists Telegraph Delivery Ass'n

Mention the American Florist when writing

C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice

Trade discounts. First-class stock.

Mention the American Florist when writing

GEORGE RYE

"Some Florist"

16 N. 6th St., **Ft. Smith, Ark**

Mention the American Florist when writing

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

C. Frauenfelder FLORIST

3343 W. MADISON ST.

NEAR GARFIELD PARK

CHICAGO

DENTON FLORAL CO., DENTON, TEX.

S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist

1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON

TORONTO, CANADA

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

Members of Florists' Telegraph Delivery.

Funeral Emblems Cut Flowers

Brown Bros. & Co.,

Ltd.

FLORISTS, NURSERYMEN AND SEEDSMEN

Bulbs Seeds

48 Hastings St., E.,

Vancouver, B. C.

NASHVILLE, TENN.

JOY FLORAL COMPANY

Members Florists' Telegraph Delivery Ass'n.

PHILIPS BROS, 938 Broad St.

NEWARK N. J.

Artistic Floral Work and Long Stem Beauties Our Specialty.

Los Angeles, Calif.

Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery

VAUGHAN'S

Pansy 3 Mixtures

"Cut Flower"

	Per Trade Pkt.	⅛ oz.	Oz.	¼ lb.
Runs to Light Colors,	25c	85c	$5.00	$17.50

"Giant"

	Per Trade Pkt.	⅛ oz.	Oz.	¼ lb.
Contains all the B-I-G ones,	25c	60c	$4.00	$14.00

"International"

Wonderful	Per Trade Pkt.	⅛ oz.	Oz.	¼ lb.
in range of Colors,	50c	$1.50	$10.00	$35.00

Also All Separate Named Kinds and Colors.

New Early Flowering Giant Pansies

The new strain produces its giant flowers about six weeks earlier than other known types. In the early part of March last year, when the old type Pansies hardly showed any buds the plants of this new strain bore from three to five of their giant flowers.

Early Flowering Giant White, Yellow, Light Blue, Dark Blue and Mixed. Per Trade Pkt., (500 seeds) 65c; Per ⅛ oz., $2.50.

	Trade pkt.	⅛ oz.	Oz.
Adonis, light blue with a white center	$0 10	$0 20	$1 20
Andromeda, delicate apple-blossom	15	25	1 75
Beaconsfield, upper petal light lavender; lower ones deep rich purple.	10	20	1 20
Emperor William, dark navy blue	10	20	1 20
Golden Queen, clear gold-n-yellow	10	25	1 50
Mme. Perret, lovely shades of pink and rose	10	20	1 25
Masterpiece, (Frilled Pansy). Petals beautifully waved; exquisite colors	15	30	2 00
White, very large, with violet eye	lb., $14 00	10	20	1 25
Yellow, immense flowers with dark eye	lb., $14 00	10	20	1 25

The Mid-Summer List is Mailed. Ask for it.

VAUGHAN'S SEED STORE

CHICAGO, 31-33 W. Randolph St. NEW YORK, 43 Barclay St.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

Mention the American Florist when writing

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids.** Special lists on application.

LAGER & HURRELL, Summit, N. J.

BOXWOODS--Most Beautiful Stock

Pyramids, 2-ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3-ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Mention the American Florist when writing

CHAS. H. TOTTY

MADISON, NEW JERSEY.

Wholesale Florist

Chrysanthemum Novelties My Specialty

A. N. Pierson, Inc.

Wholesale Florists

CROMWELL, - CONN.

FREE

This Fine

Budding Knife

With 2 New Subscriptions.

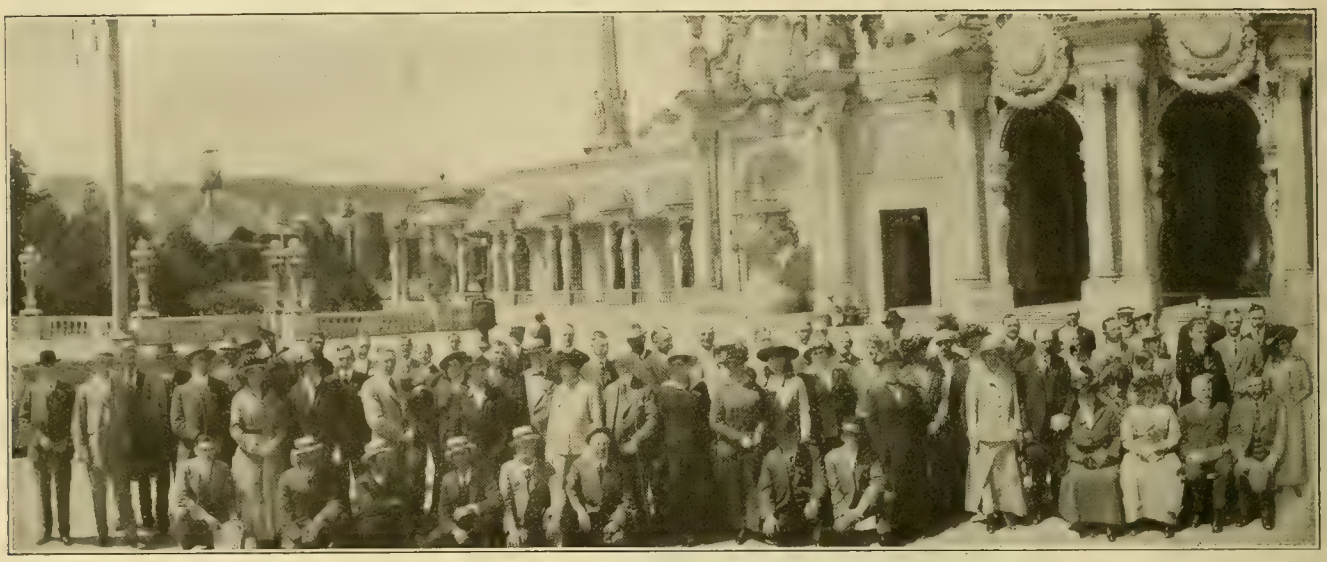
American Florist Co.

440 S. Dearborn St., CHICAGO

Roses

Specially priced stock list 2½ and 4-in.

THE LEEDLE FLORAL COMPANY SPRINGFIELD-OHIO.



CONVENTION SEEDSMEN AT THE PALACE OF HORTICULTURE, PANAMA-PACIFIC EXPOSITION, SAN FRANCISCO, CALIF.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary.

NEW YORK.—A meeting of the creditors and advisory committee of A. T. Boddington is scheduled for July 1.

CHICAGO.—Prices for grass seed on the Board of Trade June 30 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.

THE corn convention and exhibition will be held on the Panama-Pacific Exposition grounds, August 5-6. The secretary is Charles F. Mills, Springfield, Ill.

WIRES from seedsmen in California now indicate less favorable view of the onion seed crop than previously reported while the sweet pea outlook seems more favorable to them.

BLUE GRASS has taken a sharp jump because of so much rain during the harvest in June. Asking prices are $1.40 to $1.75 for new crop, which is an advance of nearly 50 per cent.

WESTERN seedsmen generally report trade with market gardeners as having been excellent the past season, but add that payments are slow, accounts to be collected running later than usual.

TWENTY-ONE different seed concerns are advertised by the United States department of agriculture, June 16, as selling stocks of vetch seed under the name of hairy vetch, which contains a greater or less per cent of other vetches.

PRESIDENT CHARLES DICKINSON, of the Illinois Model Aero Club, has suggested aeroplanes as engines of peace, stating that international boundaries would be obliterated and with the air filled with war aeroplanes war would be too terrible to undertake.

J. M. Lupton, Mattituck, L. I.
President-Elect American Seed Trade Ass'n.

Onion Sets.

Inspection of growing crop of onion sets at Chicago indicates excessive top growth. Several seedsmen who are greatly interested and have closely observed conditions are in doubt whether the sets will ripen down to their usual shape or rather be inclined to make longer and less desirable bulbs. One grower claims that a crop once grown by him that developed exceedingly long and heavy top growth could never produce bottoms worth harvesting.

Louisville has a slightly smaller acreage of onion sets than last year, but the crop is looking well.

French Bulbs.

The latest reports on the French bulb situation indicate that at least one Dutch house is buying in France on the basis of the first prices stated by the growers' syndicate. It is thought, however, by those well informed regarding the situation that these preliminary prices can not be maintained unless English and American buyers have large orders to place at an early date and such conditions are not expected.

American Seed Trade Association.

As chronicled in last week's issue, the thirty-third annual convention of the American Seed Trade Association convened at San Francisco, Calif., Monday, June 21. Supplementary to the report of the first two days' proceedings as previously published in these columns, the programme was continued Wednesday, June 23, which was known as American Seed Trade Association day at the Panama-Pacific exposition, the opening of the session being marked by the presentation by the exposition authorities of a bronze tablet to the association. Vice-president Lupton, in behalf of the association, graciously expressed the thanks of the organization. Following the taking of a group photograph of the members, the session was resumed and several interesting papers and discussions followed.

Prof. John N. Gilmore, chief agronomist of the Agricultural College, University of California, Berkeley, and formerly of Hawaii, spoke on "Horticulture in the Hawaiian Islands," and

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

CONVENTION SEEDSMEN AT THE PALACE OF HORTICULTURE, PANAMA-PACIFIC EXPOSITION, SAN FRANCISCO, CALIF.

in the discussion which followed it was shown that there is a decline in the Hawaiian fruit and vegetable market production, due to insect pests; also that a better supply of these commodities could be secured from California by steamer shipments. A unanimous vote of thanks was given to Prof. Gilmore for his most interesting and instructive paper.

Mark L. Germain, of the Germain Seed and Plant Co., Los Angeles, Calif., followed with a paper on credits and credit systems of general interest to the trade, which was listened to attentively.

"Seed Growing in the Northwest," a paper by E. C. Johnson, of the Portland Seed Co., Portland, Ore., who was unable to be present, was read by Prof. Steele, and was listened to with much interest.

L. C. Routzahn, of the Routzahn Seed Co., Arrayo Grande, Calif., followed with a paper on "Flower Seed Growing in California." The superior vitality and germination of California seeds in competition with European seeds was brought out in the discussion that followed, as well as the wonderful possibilities of developing the demand for California seeds after the war.

A rousing vote of thanks was accorded G. A. Dennison, chief of the division of horticulture, Panama-Pacific exposition, for many courtesies extended the American Seed Trade Association and for his hearty co-operation in making the 1915 convention one of the most successful in the history of the organization.

The report of the committee on credits started an interesting discussion, in which the Wholesale Seedsmen's League collection bureau was commended by F. W. Bolgiano, of F. W. Bolgiano & Co., Washington, D. C. Secretary C. E. Kendel, of the association, suggested a shorter credit period than 90 days.

Application for membership in the association was received from Fred H. Hunter, San Francisco, and the Haven Seed Co., Santa Ana, Calif., and posted for action.

The banquet Wednesday evening, at the Commercial Club was characteristically Californian and a most enjoyable affair. An excellent repast, savored with music, toasts and repartee, marked the close of an interesting day. The finale of the evening was the presentation by Waldo Rohnert of a handsome gold timepiece to retiring President Morse, who was very agreeably surprised and in voicing his

CONTRACT

Between Certain
Seed Growers of California
and members of
American Seed Trade Association
For immediate
Acceptance and Delivery at the
Hotel Vendome.
San Jose, California, June 25, 1915.

THE SEED GROWERS give no warranty, express or implied, as to the cooking or food, be it baked, boiled or fried; and thus it's for you to accept or reject, for when once consumed it's too late to object.

American Seed Trade Association Dinner

Friday, June 25th, 1915
Hotel Vendome
San Jose, California

Canape Cavier
Strained Chicken Gumbo
En Tasse
Ripe Olives Radishes
Fried Sandabs
Pommes Princess
Escalops of Sweetbreads
Saus Clauche
Roast Squab au Farci
Potatoes Brabancanne New Garden Peas
Stuffed Tomatoes a la Vendome
Nougat Ice Cream Assorted Cakes
Roquefort Cheese and Water Crackers
Demi Tasse

Hosts:

W. J. Fosgate
Braslan Seed Growers Co., Inc.
C. C. Morse & Co.
Kimberlin Seed Co.
Pieters-Wheeler Seed Co.
California Seed Growers Association
Waldo Rohnert
McGill Seed Co.

Menu San Jose Banquet.

appreciation quoted Holy Writ as follows: "What I say unto one, I do unto all—watch!"

Thursday morning's session was of an executive nature. After the announcements, the reports of committees on obituary, auditing, legislation, etc., were made, followed by the report of the attorney, Curtis Nye Smith, and a discussion on legislative matters. The election and installation of officers, endorsement of next meeting place, new business, crop reports, etc., closed the session.

Election of Officers.

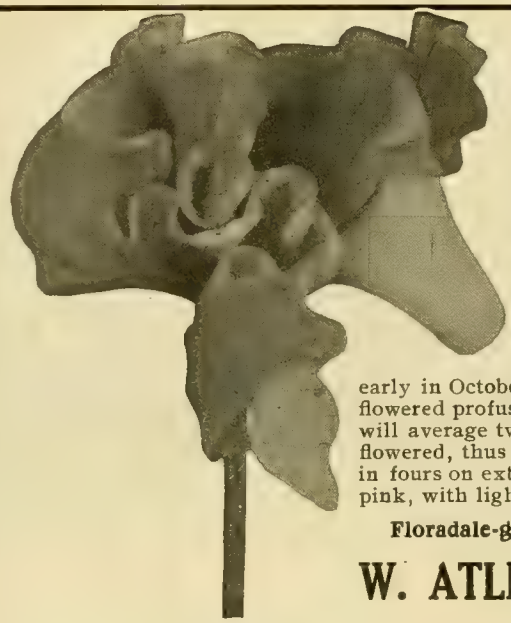
The election of officers for the ensuing year resulted as follows: J. M. Lupton, Mattituck, L. I., N. Y., president; Kirby B. White, of D. M. Ferry & Co., Detroit, Mich., first vice-president; F. W. Bolgiano, of F. W. Bolgiano & Co., Washington. D. C., second vice-president; C. E. Kendel, Cleveland, O., secretary-treasurer; S. F. Willard, Jr., Cleveland, O., assistant secretary; Lester L. Morse, San Francisco, Calif.; C. C. Massie, Minneapolis, Minn., J. Chas. McCullough, Cincinnati, O.; H. Simmers, Toronto, Ont.; Watson S. Woodruff, New York, executive committee. The membership committee, consisting of Albert McCullough, Cincinnati, O.; Ben P. Corneli, St. Louis, Mo., and H. G. Hastings, Atlanta, Ga., was re-elected.

Seed Farms Visited.

Friday, June 25, escorted by a special committee consisting of L. M. Kimberlin and W. Rohnert, visits were made to the seed farms of the Pieters-Wheeler Seed Co., Gilroy, Calif., and thence by auto to the establishment of C. C. Morse & Co., Breen Ranch and Flint Ranch, arriving at San Juan at noon, where a barbecue dinner was served on the Old Mission plaza. The Braslan Seed Growers' Co. and the California Seed Growers' Association's ranches, at Fairview, Waldo Rohnert, Kimberlin Seed Co., and others were visited during the afternoon, arriving at San Jose early in the evening, where the party was met by E. O. Pieper, who acted as a special committee for that evening and the following day. After a banquet and a night's rest at the Hotel Vendome, a trip was made Saturday to a number of ranches in the neighborhood, including those of D. G. Fisher and J. R. Freitas, of California Seed Growers' Association; Braslan Seed Growers' Hall ranch, W. J. Fosgate, and the Russell and Hughes ranches of the Kimberlin Seed Co. Upon arrival at the Country club a noon luncheon was served, after which the party returned to San Francisco and dispersed.

President-Elect Lupton.

J. M. Lupton, president-elect of the American Seed Trade Association, was born at Mattituck, L. I., N. Y., where he still lives. He received his education at the public schools and at Franklinville Academy. His occupation was



YARRAWA

The Sweet Pea par-excellence for Winter Flowering under glass.

We were awarded Certificate of Merit for this superb novelty at the International Flower Show in New York, March, 1914, at the Spring Show of the Pennsylvania Horticultural Society, Philadelphia, March. 1915.

YARRAWA is absolutely fixed—true to color and type.

YARRAWA is an easy and good "doer," invariably giving an excellent account of itself whether grown in pots, boxes, raised benches or solid beds. **YARRAWA** has the heavy foliage and rank strong growth of the summer flowering type and is a true winter blooming Spencer. From seed sown early in October at Fordhook Farms, the plants came into bloom December 20th and flowered profusely until May. The flowers are exquisitely waved and when well grown will average two and one-half inches in diameter, many of them being duplex, or double flowered, thus adding greatly to the general effect of the bunch. They are borne usually in fours on extra long, strong stems. The color is a most pleasing shade of bright rose pink, with light wings. As the supply of seed will be limited we advise ordering early.

Floradale-grown seed exclusively—¼ oz., $1.00; per oz., $3.50; ¼ lb., $12.50.

W. ATLEE BURPEE & CO., Seed Growers
Burpee Buildings, PHILADELPHIA

that of a farmer until 1882. He organized a seed growing business at that time, making a specialty of producing cabbage seed and giving attention to the improvement of the varieties by selection. In 1910 his son Robert was admitted to partnership. The firm is now J. M. Lupton & Son.

Next Meeting Place.

Cincinnati was endorsed by the convention for 1916, but as usual the final decision in this matter will be made at the meeting of the executive committee next January.

Convention Jottings.

Thirty-five autos were employed on the seed farm inspection tour and 185 attended the San Juan barbecue. About 200 attended the banquet at the Hotel Vendome, June 25, where Bertram A. Herrington, ex-district attorney, Santa Clara county, officiated as toastmaster. The other speakers included retiring president L. L. Morse, ex-President Watson S. Woodruff, M. L. Germain, ex-President C. C. Massie, L. C. Routzahn, J. Chas. McCullough, W. C. Langbridge, A. J. Brown, President-elect J. M. Lupton, Kirby B. White, Peter Hollenbach, C. E. Kendel, Howard M. Earl, August H. Vogeler and ex-President J. C. Robinson.

T. H. Hopkins, manager of the John H. Allan Seed Co. branch at St. Anthony, Idaho, reports the pea crop in his section of Idaho, comprising between 30,000 and 35,000 acres, has been subjected to a month of backward weather, which has, however, done no material damage to the crop up to the present time, and with normally favorable conditions from now on a good average yield of peas is expected.

The Victor Johansen Seed Co., Los Angeles, Calif., was represented at the convention by O. W. Johansen. This firm grows flower seeds exclusively. Mr. Johansen says that prospects are not very good on account of the exceedingly wet spring, which delayed the planting season. They are now looking forward to a fair average crop, however. The aphis has done considerable damage to sweet peas.

S. F. Leonard, of the S. F. Leonard Seed Co., Chicago, says their party had a fine time in the Grand Canyon, it being an elegant day and every one in fine spirits. The scant population of many of the far western states impressed him strongly, the states of Montana, Idaho, Nevada,

Mignonette "Chicago Giant"

(Greenhouse Grown Seed.)

A splendid strain grown and carefully selected for a number of years by Mr. Alois Frey, Crown Point. Produces large heavy spikes which have sold on the Chicago market at 6 to 8 cents each. Seed will be ready for delivery within a few days.

Trade packet (1000 seeds) $1.00; 1-8 Oz., $1.50; 1 Oz., $10.00.

A. Henderson & Co., 369 River St., Chicago

Mention the American Florist when writing

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50. 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Western Seed & Irrigation Co.

Wholesale Seed Growers and Dealers

SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.

FREMONT : NEBRASKA

THE C. HERBERT COY SEED CO.

VALLEY, Douglas County, NEB.

CONTRACT GROWERS OF
HIGH GRADE SEEDS

Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

Mention the American Florist when writing

COLD STORAGE

VALLEY

Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. $16 00 for 1000; $8.50 for 500; $4.50 for 250; $2.00 for 100.

Florists' Money Maker, best Valley at moderate prices, $14.00 for 1000; $7.50 for 500; $4.00 for 250.

H. N. BRUNS
3032 Madison Street, CHICAGO

Mention the American Florist when writing

KELWAY & SON

Seed Growers and Nurserymen, LANGPORT, ENGLAND

Announce that their

MR. H. A. NALDRETT,

has just arrived for an extended business trip throughout the United States and Canada. Mr. Naldrett's address while in this country will be in care of

MESSRS. THOMAS MEADOWS & CO.

8-10 Bridge Street, Battery Park, NEW YORK.

Washington, Oregon, all put together, only equalling the population of the single city of Chicago.

Visiting seedsmen were entertained at Los Angeles, en route to the convention, by the growers and seedsmen of that city and vicinity. John Bodger & Sons' Co. was host at a delightful luncheon at the Angelus, after which the party was welcomed at the Victor Johansen Seed Co.'s ranch, Arroyo Grande, thence to the Busch Gardens at Pasadena, returning to Los Angeles at night.

H. Trimble McCullough, Solvang, Santa Barbara, Calif., reports that the season is not sufficiently advanced to tell much about the bean crop in his locality as yet, although prospects seem very fair.

At the Pieters-Wheeler ranch the inspection party got out of the autos, rested and were refreshed by Mrs. Wheeler providing them with lemonade.

On driving into Waldo Rohnert's place all members of the seed inspection party were presented with fresh cherries and the gentlemen with cigars.

Additional Visitors.

In addition to the names given in our last issue the following were in attendance:

A. N. Aguirro, San Francisco, Calif.
A. A. Bertrand, San Francisco, Calif.
Mrs. A. A. Bertrand, San Francisco, Calif.
Colvin B. Brown, San Francisco, Calif.
W. J. Harvey, San Francisco, Calif.
Mrs. H. G. Hastings, Atlanta, Ga.
Donald Hastings, Atlanta, Ga.
H. S. Hastings, Atlanta, Ga.
W. R. Hastings, Atlanta, Ga.
John W. Hoyt, San Francisco, Calif.
H. Trimble McCullough, Solvang, Calif.
B. D. Myers, San Francisco, Calif.
Al J. Nevraumont, San Francisco, Calif.
H. G. Pedrick, Pedricktown, N. J.
Mrs. E. O. Pieper, San Jose, Calif.
Miss Pieper, San Jose, Calif.
E. J. Steele, Portland, Ore.
Mrs. E. J. Steele, Portland, Ore.
Frank E. Walton, Salt Lake City, Utah.

MY

Winter Orchid Sweet Pea

Has just received the

Gold Medal of Honor

the highest award in floriculture, by the **Panama-Pacific Exposition.**

Write for price list, which has been already mailed.

ANT. C. ZVOLANEK
Lompoc, Calif.

RAFFIA

Natural—Four standard grades.
Colored—Twenty colors.

We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.

Bale (225 lbs) lots or less.
Write for prices and terms.

McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

Freesias California Grown

	Per 100	Per 1000
Choice, ½ to ⅝-in.....	$ .65	$5.00
First Quality, ⅜ to ½-in...	.45	3.00

Vaughan's Improved PURITY.

	Per 100	Per 1000
⅝-in. and up..	$2.25	$18.00
½-in. to ⅝-in..	1.75	15.00
⅜-in. to ½-in..	1.50	12.00

PURITY--True.

⅝-in. and up ..	2.00	18.00
½-in. to ⅝ in..	1.60	13.00
⅜-in. to ½-in..	1.25	10.00

Vaughan's Seed Store
CHICAGO NEW YORK

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds, Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

BRUNNINGS

Leading Suppliers of

EUCALYPTUS

and **Acacia Seeds**

P.O. Box 857, MELBOURNE, AUSTRALIA

Mention the American Florist when writing

Growers and Specialists

CROP CONTRACT

Peas, Beans and Sweet Corn.
Peas and Beans, Michigan Grown.
Sweet Corn, Iowa Grown.

Correspondence solicited.

Michigan Office: MILLINGTON.
Home Office: SIOUX CITY, IOWA.

Ask for prices now, 1915 crop.

Sioux City Seed & Nursery Co.
Established 1883.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Contract Seed Grower

SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

EDGAR F. HURFF,

Correspondence Solicited. Swedesboro, New Jersey

Mention the American Florist when writing

The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. MILFORD, CONN.

Mention the American Florist when writing

FIELD GROWN

Carnation Plants

Exceptionally fine stock ready for benching. Large sized plants.

	100	1000
Pink Enchantress	$4.50	$40.00
Rose Pink Enchantress	4.50	40.00
White Perfection	3.50	35.00
Mrs. C. W. Ward	3.50	35.00
Philadelphia	5.00	45.00

Peter Reinberg

30 East Randolph St., Chicago, Ill.

CARRY OUT YOUR PLANS WITH

Thorburn's Seeds

WHATEVER your plans are for autumn flowers or plants, we have some appropriate seed, which will give its support to your ideas.

Our stocks of seeds are so complete and varied, that we call it a rainbow-range of color.

You would like to get our catalog. Write

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW YORK

Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,

1004 Betz Bldg., Philadelphia, Pa.

Card brings a Catalogue

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.

SANTA ANA, CALIFORNIA.

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.

Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

TUBEROSES

Wanted Tuberoses

"THE PEARL"

4-6 for January Delivery.

Address offers to

Key X, care American Florist

James Vick's Sons

Seedsmen

ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also Bamboo Stakes, green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

Woolworth Bldg., New York City

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. Bristol, Pa.

The KENILWORTH Giant Pansy

seeds are all grown by myself and are offered in the following mixtures and separate colors:

22—KENILWORTH STRAIN—The flowers are of perfect form and substance; many of the immense flowers are from 3½ to 4 inches; it is a striking collection of beautiful colors and markings rich with shades of red, brown, bronze, mahogany and many others too numerous to mention. Light, Medium or Dark Mixtures.

26—KENILWORTH CUT FLOWER MIXTURE—Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 or 8 inches long, in the most graceful manner, and stand the hot, dry weather well.

28—MASTERPIECE—A remarkable type; the curled, wavy petals giving the flower a double appearance, large flowers of great substance, on long, strong stems

30—GIANT THREE AND FIVE BLOTCHED PANSIES—A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich velvety colors, reds are particularly conspicuous; the petals being distinctly marked with three or five large dark blotches.

32—GIANT PARISIAN—The flowers are of enormous size, and beautifully marked, mostly five dark blotches on white and yellow ground. An unusually showy mixture.

NEW SEED NOW READY

All sorts and mixtures, except the new Pansy Princess, are $5.00 per oz.; $1.25 per ¼-oz.; 5000 seeds, $1.00; trade packet of 1000 seeds, 25c; any 5 pkts, $1.00. Please order by number.

64—Goliath—Large curled yellow, blotched.
66—Hero—Curled, deep blue shaded white.
68—Emp. William—Ultramarine blue, violet eye.
70—Eros—Velvety brown, yellow margin.
72—Emp. Franz Joseph—White blotched blue.
74—Emp. Frederick—Maroon with gold edge.
76—Fairy Queen—Azure blue, white edge.
78—Freya—Purplish violet, white edge.
80—Gold Edge—Velvety brown, gold edge.
84—Superba—Orchid tints of red and wine.
86—Sunlight—Yellow with brown blotches.
88—Andromeda—Curled apple blossom.
90—Colossea Venosa—Light veined shades.
92—Almond Blossom—Delicate rose.
94—Aurora—Terra cotta shades.
97—The above named Orchid mixed.
98—Indigo Blue—Deep velvety blue.
100—Light Blue shades.
102—Minerva—Red ground, violet blotched.
104—Meteor—Bright red brown.
106—Pres. McKinley—Yellow, dark blotched.
108—Mahogany with white margin.
110—Mahogany with yellow margin.
112—Mourning Cloak—Black with white edge.
114—Purple—Large rich deep color.
116—Peacock—Blue, rosy face, white edge.
118—Psyche—Curled white, five blotches.
120—Pres. Carnot—White, five blue blotches.
126—Red—A collection of rich red shades.
128—Red Riding Hood—Curled and blotched.
130—Rosy Morn—Purple crimson, white edge.
132—Striped on lilac ground.
134—Striped on bronze ground.
136—Victoria—Blood red, violet blotches.
137—Vulcan—Dark red, with five blotches.
138—White—Large satiny white.
140—White with violet blotch.
142—Yellow—Large golden yellow.
144—Yellow with dark blotch.
146—34 to 144 mixed in equal proportions.

For fuller description send for catalogue.

RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every $1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow and with other amounts in like proportion.

PRINCESS, 20—The New Upright Pansy

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weather-proof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c; 1000 Seeds 35c; ¼ oz, $1.00; ¼ oz. $2.00; 1 oz. $7.50.

24—Kenilworth Snow—A fine strain.
38—Mme. Perret—Red and wine shades.
40—Zebra—Fine striped mixture.
42—Adonis—Light blue, white center.
44—Black—Almost coal black.
46—Black with bronze center.
48—Lord Beaconsfield—Purple shaded white.
50—Bronze—Beautiful bronze.
52—Bronze with yellow center.
54—Velvet Brown with yellow center.
56—Havana Brown.
58—Havana Brown with yellow center.
60—Cardinal—Curled, bright red, dark blotch.
62—Cecily—Steel blue, margined white.

Chas. Frost
Kenilworth, N. J.

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Odessa	$20.00
Oconto, Smith's Ideal, Edwin Seidewitz, Indian Summer, Salomon's Gold	6.00
Chieftain, Mary E. Meyer, Adonis, Harvard, W. H. Chadwick	4.00
Chrysolora, Clementine Touset, Donatello, Golden Glow, October Frost, Pink Ivory, Smith's Advance, Yellow Ivory, Yellow Frost, Col. D. Appleton	3.00
POMPONS.—Golden Climax, Golden Harvest, Golden West, Clorinda, Iva, Lillian Doty, Minta, Nio, Zenobia	3.00

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Sprengeri, per 1000, $17.50	2.00
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The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President; John Watson, Newark, N. Y., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916.

FORT SMITH, ARK.—Civic associations of the city have inaugurated a campaign to fight tree pests.

ARKANSAS, Oklahoma and Southern Missouri report the heaviest crop of Elbertas in their history.

THE American Association of Nurserymen at the Detroit meeting last week adopted revised constitution and by-laws. The previous constitution was adopted 40 years ago.

STOCKTON, CALIF.—San Joaquin valley is rapidly becoming a walnut section. Many new trees were planted this year and the demand for nurserv stock far exceeded supply.

ITHACA, N. Y.—Eight senior students from the College of Agriculture, accompanied by Professors Fleming, Curtis, Montillon and Lawson, visited a number of Boston horticultural points of interest June 18-23.

Moth Quarantine in New England.

The presence of gypsy moth and brown-tail moth in parts of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island and Connecticut has caused the United States department of agriculture to place the sections affected under quarantine, effective on and after July 1, 1915. Notice of quarantine No. 22, with regulations, has been issued by the department covering the situation.

Viticultural Congress Called.

The official programme of the first international congress of viticulture to be held in the United States at the Panama-Pacific exposition, San Francisco, Calif., July 11-16 has been issued. Papers from leading experts in the world will be read. Copies of the programme and itinerary of the excursion to California may be had from William Culman, treasurer of the congress, 410 West Fourteenth street, New York.

Forestry in New York State.

At a hearing, May 18, before the committee on conservation and natural resources of the Constitutional convention, Professor Hugh P. Baker, dean of the State College of Forestry at Syracuse, urged that the state forests be made to produce revenue. He would abandon the present policy under which the forests are protected against timber cutting. He said "the virgin forest should be left standing as a monument of what the Adirondack forests once were," within a zone comprising from twenty-five to thirty per cent of the entire area. The rest should be used so as to produce revenues, always under safeguards that would prevent indiscriminate lumbering or denudation.

"The annual lumber bill of this state is something like $100,000,000," said Professor Baker. "We spend from $35,000,000 to $40,000,000 in the south annually for timber, while our own forests are rotting away. The federal government is conducting timber cutting operations in the Rockies and the Cascades in a manner which actually has improved the forests there and yet the revenue last year was more than $2,000,000."

"Where would you find your virgin forest to stand as a monument" asked H. Leroy Austin, who was Forest, Fish and Game Commissioner under Governor Hughes and who is a delegate to the constitutional convention. "They have been cutting timber over ninety-five per cent of the entire area of the state's forest preserve."

Kenneth Goldthwaite, editor of The Adirondack Enterprise, took the opposite view. He said the Adirondack forests were in worse shape now than they were twenty years ago, when the state adopted its present policy of protection. He urged that all timber cutting be prohibited and that the state adopt an extensive policy of reforestation.

"If $30,000,000 were spent by the state in the next thirty years for reforestation, then there would be an opportunity for timber cutting afterward that would yield the state, according to a careful estimate, some $10,500,000 a year. For the present the slogan should be: Plant more trees, permit no cutting, protect the forests better from fire."

John Watson, Newark, N. Y.
Vice-President-Elect American Association of Nurserymen.

Mr. Watson is a Member of the Firm of Jackson & Perkins Co., and Well Known to Florists as Well as Nurserymen Throughout the Country. His Father was Vice-President of the Nurserymen's Organization 36 Years Ago.

American Association of Nurserymen.

The fortieth annual convention of the American Association of Nurserymen which opened at Detroit, Mich., June 23, as reported in these columns last week, came to a close, Friday, June 25, and has passed into history as one of the most successful and interesting meetings in the annals of the organization. Papers and discussions, varied and bearing upon many problems of interest to members of the association, were features of the session.

J. R. Mayhew's address on "A Better National Association," was a forceful and logical plea for the entire elimination of the evils that at present beset the progress of nurserymen. He claimed the feasibility of his proposed measures if sufficient funds were available, and to that end suggested the maintenance of the present fee of five dollars for active membership, and an added associate membership fee of ten dollars each with dues for the former based upon total sales approximating a tenth of one per cent of the dealer's income. This was the most drastic measure recommended in his address, which called for many amendments of the present constitution and by-laws. President Chase appointed the following committee to carefully consider Mr. Mayhew's recommendations and report its findings at the opening session Thursday morning: J. R. Mayhew, E. S. Welch, Theo. Smith, R. C. Chase, Robt. George, F. H. Stannard, J. W. Hill, W. C. Reid, John Watson, Wilmer Hoppes, Peter Youngers, F. J. Ferguson.

The report of the committee Thursday morning was embodied in a resolution offered by the chairman embracing all the recommendations made by Mr. Mayhew and after a most spirited discussion was finally adopted as read. J. Horace McFarland in the discussion of the proposed measures made a hard fight for more publicity for nursery products, publicity which he claimed the new by-laws did not make sufficient provision for. The committee accepted his recommendations and the same was incorporated in the resolution, which was later adapted.

At the Friday morning session very interesting papers were read, including, "New Wrinkles in the Art of Propagating," by J. Jenkins, Winona, O.; "The Real Effect of Price Cutting on the Total Consumption of Nursery Stock," by Lloyd C. Stark, Louisiana, Mo.; "Deal Direct the Catalogue Way," by W. J. Maloney, Danville, N. Y., and a paper by J. H. Dayton, Painesville, O., bearing on the cause and cure of rejections.

A resolution was offered by F. W. Kelsey, New York, and adopted asking that railroads and other common carriers adopt a system of tracing of nursery stock shipments, which would eliminate costly delays. A resolution protesting against the recent action of the Trunk Line Association's classification committee in arbitrarily changing the classification on carload shipments of all nursery material from fifth to fourth class was passed. This change entails an increase of 20 to 25 per cent over the already high rates prevailing to June 1.

Election of Officers.

At Friday's session the following were elected to serve for the ensuing year: E. S. Welch, Shenandoah, Ia., president; John Watson, Newark, N. Y., vice-president; John Hall, Rochester, N. Y., secretary; Peter Youngers, Geneva, Neb., treasurer. Executive committee: One year—J. B. Pilkington, Portland, Ore.; Lloyd C. Stark, Louisiana, Mo. Two years—J. H. Dayton, Painesville, O.; Henry B. Chase, Chase, Ala. Three years—J. R. Mayhew, Waxahachie, Tex.; Theo. J. Smith, Geneva, N. Y.

Milwaukee, Wis., was selected as the place of the 1916 convention.

Before adjournment, provision was made for the maintenance of an arbitration board, consisting of five members appointed by the executive committee. All members shall in the future submit their trade disputes to this arbitration board, where findings shall be binding upon all. Any one refusing to abide by the same, may be at the discretion of the executive committee expelled from membership in the association.

At a meeting of the executive board, after the adjournment of the meeting, John Hall was re-appointed secretary of the association.

Seen and Heard at the Convention.

F. W. Kelsey, of the Kelsey Nursery Co., New York, with his wife, visited his brother, Dr. Kelsey, a member of the faculty at the University of Michigan, Ann Arbor, Mich., over Saturday and Sunday.

Secretary John Hall's rare efficiency was at all times apparent. He appeared to know the correct address of nearly every one who registered, without reference to the badge book. Mr. Hall, who was accompanied by his wife, visited their son, W. S. Hall, of the Lewis & Hall Iron Co. here.

President H. B. Chase made an admirable presiding officer. Parliamentary rules were observed and the most courteous consideration given at all times to the disputants, and the lengthy program was carried out completely.

D. Hill, of the D. Hill Nursery Co., Dundee, Ill., visited some intimate friends here, as well as many of the firm's customers.

Robert Pyle, West Grove, Pa., delivered his steroptican lecture on "Roses," at Grosse Pointe, Mich., Tuesday, June 22, and visited some of the rose gardens of that place and Detroit, where he saw many splendid specimens.

Ex-President J. W. Hill, Des Moines, Iowa, was the most forceful and F. W. Kelsey, N. Y., the most polished speakers in the many animated discussions that characterized the meetings.

The response of James Pitkin, Newark, N. Y., to the mayor's address of welcome, was a gem for brevity and clever trade publicity.

President H. B. Chase's urgency of southern growers to diversified farming met with responsive approbation of all who have so long witnessed the disastrous repetition of cotton crops.

J. R. Mayhew's plea for a large, forceful, efficient organization and the elimination of state and district organizations was novel, but logical, and won the approval of the thoughtful members.

Many delegates were amazed at the extent of the automobile industry as seen at the many plants visited.

Many delegates claimed this to be the most businesslike convention the organization ever had.

Many compliments were paid to THE AMERICAN FLORIST for the advance pages covering the proceedings, appearing in the hall Thursday.

Legislative Committee Report.

The report of Wm. Pitkin, chairman of the committee on legislation east of the Mississippi river, was presented and was supplemented by a verbal report of a conference with Curtis Nye Smith of Boston, Mass., attorney for the American Seed Trade Association, and for the executive and legislative committees of the American Association of Nurserymen.

The result of this conference was a recommendation that Mr. Smith be employed as general counsel of the Association of American Nurserymen, his duties in substance being to keep informed of proposed legislation at Washington and in the various states and advise and direct the handling of such legislative matters, to give frequent information to members as to the requirements of state laws, and to give from time to time to the individual members of the association such legal advice as they might need in connection with their business. Under the reorganization plan of the association this matter was referred to the executive committee, and the details are now under consideration and will undoubtedly be carried out and can be reported on definitely within a short time.

The committee on uniform state legislation had a conference with Professors Sanders, Warsham and Washburn, representing the horticultural inspectors, and Orlando Harrison and E. R. Lake, representing the American Pomological Society, and an agreement was arrived at on the draft of a bill for uniform state legislation, and as a result the three associations are in an agreement as to the terms of the proposed bill. This was duly reported and a resolution passed approving the action of the committee and authorizing the committee to continue its labors and secure as rapidly as possible the enactment of the law in the various states. The details of further work yet remain to be arranged, but will be announced from time to time.

Nursery Trade as a Business Proposition.

A paper read at the meeting of the American Association of Nurserymen, Detroit, Mich., June 24, 1915, by W. H. Wyman, of the Bay State Nurseries, North Abington, Mass.

No one who is in the nursery business today, or who has a fair knowledge of the history of the business, can doubt that it is a proposition, for comparatively few, out of the many who call themselves nurserymen, have attained a reasonable degree of success; while many more have a name to live, but in reality are leading a precarious existence; still others have entirely fallen out and cast their wreckage upon the shoulders of too many with whom they have had to do. In this business, a few only succeed, while the great majority come far short of success, if they do not utterly fail. It may be said that the same is true of every business. With that proposition we are not to concern ourselves now. We are nurserymen, and if I rightly comprehend the import of this organization we are here for improvement; we have come together from all over this great country stretching from ocean to ocean, to clasp hands in friendly intercourse, to exchange ideas as well as wares, and to be inspired, if possible, to greater and nobler attainments in our avocation.

One ambition animates every one of us. We all want to succeed, and this is true of every man, strange as the proposition may seem. Some may be led to doubt that assertion, but I aver that it is true. All men court success, but from your view-point, they could not, if they studied diligently, do that which would more surely bring defeat than by continuing on in the course they are pursuing. By way of illustration, suppose a young man starts in business without capital; he will be given a chance. Everybody will help a fellow to make a start Brotherly kindness is not dead. If he deals on the square and works hard and lives up to his obligations, providing he has a fair amount of business sagacity, he can succeed. But if, on the other hand, he tries a short cut to success, forfeiting his word, and disregarding his obligations, his doom is sealed. The picture is not overdrawn. A few succeed in the nursery business, while many fail. Why is it? Is it because of its peculiarities? Is it hedged about by obstacles so many and so great as to make success almost unattainable?

The fact that some succeed proves that the difficulties, however great, are not unsurmountable. What would the business world think of a shoe manufacturer who would take an order for a thousand cases of shoes, and who did not know just what it would cost to manufacture these shoes? Such a manufacturer would be ruled out of the business. It is of no use to manufacture shoes or trees unless it can be done at a profit, and to do it at a sure profit, the cost of production must be ascertained with a reasonable de-

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gree of certainty. In the case of most manufactured articles, that is a comparatively easy task, but not so with the nursery business. The superficial method of figuring costs is the one most generally employed whenever such an attempt is made. That is, an acre of land will yield a given number of plants, say 14,000. It costs so much for the stock plants, so much to set them out, so much to cultivate the land per year, so much to bud or graft them, and so much more to dig and put them on the market. But that is not enough. The rental of the land, or the depletion of the soil, in case one owns his land; the losses incurred by climatic conditions, such as excessive rain, no rain, frosts, hail, snow and many more such natural contingencies, must not be left out of account. Then again the depreciation of tools, machinery and buildings must not be overlooked; interest on the investment and a list of overhead charges all enter into the cost of production. Neither is this all. Thirty years ago this catalogue of expenses would have been about all that would have had to be considered, but not so now. Insect pests, save the old tent caterpillar, were unknown. Even a quarter of a century ago, who had heard, or much less seen the San Jose scale, the brown-tail, gipsy, leopard moths or the white pine blister rust? I had not; but now all of us are familiar with some if not all of them; and we know too, that these things add to the cost of production. And yet while they add to the cost of production, they must not be regarded as unmitigated evils, any more than weeds should be. Weeds compel cultivation and hence growth; pests compel cleaning up of the nursery and its surroundings; they conduce to cleanliness. I venture the assertion that never in the history of the nursery business in this country, were there so many tidy, well-kept nurseries as there are today, and in a large measure the pests are responsible for this state of things. While all this, and even more is true, the fact remains, that these pests, so called, have added very materially to the cost of production.

All of these things must be taken into account in determining costs, and when all have been taken into account, we can arrive at the cost of production only relatively at best. But that relative cost makes a basis at which to begin. In our school-days, we wrestled with algebraic propositions, with known and unknown quantities. The unknown values in the equation were represented by such characters as x, y and z. Now we wrestle with problems, known as costs, and costs that are unknown. In the one case we could determine the value of the unknown by the known values, but not so with such unknown quantities as storms, draught, wind and hail. These unknown quantities must be determined not by algebraic process, but by liberal additions. A safe way is that of the druggist, who adds to the cost price his two per cent. If we figure that a given plant cost (using the known values) $20 per 1,000 to produce it, I have regarded it a safe proposition to multiply that by two. In some instances that would seem excessive; in others it would fall below the actual cost. On the whole I believe it is a safe rule to follow in determining costs. But we must not stop here, when we have considered this side of the equation, for it is at this point, that, with many, the tug of war begins.

Nurserymen are beset by dangers from without and foes from within their own camp. It is for the elimination of some of these deterrent factors that I beg every one of you to give due consideration. The plunger is a party to be avoided. The man who sells 10,000 Viburnum plicatum at a profit, year after year, starts in to increase that product by propagating 100,000. That is the man I would style a plunger, and the man who should be dissuaded from such folly. I simply use Viburnum plicatum as an illustration. The market calls for about such a number of plants of a given species. The number increases from year to year, as the volume of nursery business increases, and every growing concern has a right to increase its plantings, but it has no moral right to propagate any article so much in excess of the legitimate demand that it is compelled, in order to unload, to do so at any price, regardless of cost. I say we have no moral right to such a course. There maybe no written law forbidding me to sell an article for any price I please, but there is a moral law that forbids my doing so. No man has a right deliberately to destroy the opportunities of livelihood and of gain for any other man. Such a course works hardship to the many, and ruin to a possible few. The course of the plunger leads from bad to worse. It is loading the dice in the game of business. It is to invite financial disaster upon the perpetrator and disaster upon others. The logical result of plunging in production, is price-cutting at the selling end. The grocer who begins his career by cutting prices below a reasonable percentage of profit, works no good to a community. He is the man who should be shunned. He disturbs values and throws legitimate business out of the normal. He may run along for a while and make a big bluster in his community, but the day is sure to come when he, in a night, like the Arab of the desert, will fold his tent and get away or, what may be worse, have his tent folded for him, by order of the courts. The result is, legitimate business has suffered, the public has become bewitched by the bargain counter idea in trade, and no one has been benefited. The legitimate child of plunging in production is price-cutting that works no good to any and much harm to all. It may be urged that price-cutting is sometimes indulged in by those who do little, if any producing. That is true. Hawkers and dry-goods houses cut under the nurserymen in selling a few articles such as roses, California privet and the like; but they are in a class by themselves, and for this very nuisance the nurserymen are themselves responsible. What nurseryman will lower the dignity of his business by considering for one moment the prices at which these people, who have no investment in the business, but who sell stock they have been able to procure from some plunger or inconsiderate nurseryman? Plunging in production and its attendant evil, are evils which we should set ourselves to correct. I fancy I hear some one saying, "What shall be done when everybody has gone wild in production; when such a condition prevails again as that which pertained the past season, as in the case of apple trees"? Probably no one will learn anything from his folly in the past, and the majority will cut and slash prices again, should occasion arise; and advertise far and wide, "Apples for five cents to the trade, and ten cents to the public and if not ten cents, then anything." This is what happened within six months, and it is what will probably happen until we nurserymen become sane and sensible business men. Under such circumstances, what should we do? We should be men and have some "esprit de corps" for our craft. We should set our price where it will give us a reasonable profit, and we should stick to that price when once it has been established. In that event we may not sell all of our stock, quite true; but we shall get as much money for what we sell at a reasonable price, as we shall for all of it, sold at any ridiculously low price; and we shall not have ruined our prospects for another year. What do, then, with the sur-

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plus? By all means burn it. The bonfire is one of the best paying propositions in such a case. When prices are so reduced, it follows that quality suffers. When selling so cheaply everything must go. When there is an overabundance, the highest standards of quality should be maintained. There is no time when an article cannot be marketed at a profit, if only men will hold themselves to the proposition that they will not sell, unless it can be done at a fair percentage of gain. This does not follow that we have got to come together in convention and attempt to set a price on our wares; nothing of the kind. To attempt that would be to invite disaster. But we can, every one of us, say that if we cannot sell our stock at a profit, we will not sell at all. The result will be; that if we hold to that proposition, we shall all sell enough of our stock, so that we shall all make some money, even if we are obliged to burn a part of it. If we cannot make money, we are inviting disaster, and the quicker we hoist the white flag and go out of business, the better for what possessions we may have, and for the business in which we are engaged.

In the event of each man's fixing his price based upon the cost, plus a reasonable profit, there would be no uniformity of price, and that is what we do not want. That would work injustice, for there is not and never can be a uniformity in quality of stock and of service. In the nature of things these cannot be standardized, for the personal element enters into them. When I purchase stock of a given size of one party, I am willing to pay more than I would for the same size stock from some other party. In the one case I know that the name of the concern carries with it a degree of quality that I can depend upon. And this leads me to the crux of the whole matter. Our rivalry should not be in cutting prices to gain business, but in perfecting the quality of our stock and quality of our service.

The Visitors.

The following were in attendance or represented:

R. J. Bagley, New Haven, Mo.
Baker Bros., Fort Worth, Tex.
O. P. Beakley, Harrisburg, Pa.
B. T. Belden, Painesville, O.
C. A. Bennett, Robbinsville, N. J.
A. F. Bernard, Painesville, O.
Samuel E. Blair, Nutley, N. J.
Nelson Bogue, Batavia, N. Y.
Virgil T. Bogue, Batavia, N. Y.
W. J. Bohlender, Tippecanoe City, O.
E. Horton Bowden, Geneva, N. Y.
L. G. Braggs, Kalamazoo, Mich.
Guy A. Bryant, Princeton, Ill.
C. R. Burr, Manchester, Conn.
H. C. Caldwell, Atlanta, Ga.
H. J. Champion, Perry, O.
H. B. Chase, Chase, Ala.
John C. Chase, Derry, N. H.
W. E. Collins, Fennville, Mich.
W. B. Cole, Painesville, O.
John Connon, Hamilton, Ont.
Carl Cropp, Western Springs, Ill.
Carl Cropp, Jr., Western Springs, Ill.
James Davis, Baltimore, Md.
J. H. Dayton, Painesville, O.
T. J. Dinsmore, Troy, O.
L. F. Dintlemann, Belleville, Ill.
J. F. Donaldson, Sparta, Ky.
E. W. Dunham, Baroda, Mich.
F. C. Edwards, Fort Atkinson, Wis.
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W. W. Essig, Pontiac, Mich.
E. H. Fava, St. Joseph, Mo.
L. J. Farmer, Pulaski, N. Y.
P. E. Fellows, Rochester, N. Y.
T. J. Ferguson, Milwaukee, Wis.
Earl Ferris, Hampton, Ia.
C. H. Flemer, Springfield, N. J.
J. E. Flynn, Cleveland, O.
W. E. Galeener, Vienna, Ill.
Robert George, Painesville, O.
W. T. Gow, Abilene, Kans.
B. J. Greening, Monroe, Mich.
R. B. Griffith, Fredonia, N. Y.
F. J. Grootendorst, Boskoop, Holland.
G. Hale, Berlin, Md.
A. Hamilton, Bangor, Mich.
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Orlando Harrison, Berlin, Md.
W. A. Harrison, York, Neb.
F. M. Hartman, Dansville, N. Y.
R. S. Hartwell, Dixon, Ill.
Wick Hathaway, Madison, O.
E. Hemming, Flourtown, Pa.
D. Hill, Dundee, Ill.
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H. F. Hillenmeyer, Lexington, Ky.
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H. W. Hobbs, Bridgeport, Ind.
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Wilmer W. Hoopes, West Chester, Pa.
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T. B. West, Perry, O.
R. R. White, Troy, O.
Geo. H. Whiting, Yankton, S. D.
W. B. Whittier, South Framingham, Mass.
C. Willet, North Collins, N. Y.
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Market Gardeners

Vegetable Growers' Association of America.

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Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, June 29.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 7½ cents per box; radishes, 75 cents to $1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 20 cents to 30 cents per dozen.

New York, June 29.—Cauliflower, per barrel, $1.25 to $1.50; cucumbers, 40 cents to 50 cents per dozen; mushrooms, 50 cents to $1.75 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per dozen, 25 cents to 35 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Celery Planting.

Years ago we used to dread celery planting as the prevailing hot weather made this always a tedious, and often risky job. We have seen good, strong plants completely burned up in spite of several good waterings around the roots. Nowadays, with mechanical watering, the whole thing is a pleasure. By moistening the entire area the plants never suffer a particle, no matter how hot, and a perfect stand is the result. The writer has often said that a planter should be fined 25 cents for each plant that fails to grow—so important is a perfect stand in the celery business. It is not only the vacancy—but the plants next to the empty spot do not develop properly. These with excessive space will grow sprawly and sucker heavily, and an uneven lot is the result. Also the spacing is important—it must be uniform to produce a uniform crop.

The early crop we plant in rows six inches apart, the rows spaced 30 inches to permit the free use of the horse implements. The late crop we crowd a trifle more in the rows 5 inches and the rows four feet apart. The early crop is bleached by the use of 10-inch boards and the late crop banked with earth, using horse tools.

To produce a uniform crop of celery, it is absolutely necessary that the plants be uniform. When several sizes must be used it is best to sort into two or three grades and plant each lot separate; otherwise, the large ones will soon overpower the small ones and a bad lot results. Celery plants are exceedingly sensitive to dryness, hence the plants must be protected at all times. We have seen fine plants permanently hurt by exposing to hot sun and dry wind a few moments while digging or planting. We have found it cheaper in the long run to use only transplanted plants; therefore we prick our seedlings into cold frames in May, 2x2 inches, which gives us a uniform lot of plants well rooted in June. In our opinion there is nothing gained by wishing for cool weather, provided water is at hand—plant the first opportunity you can.

MARKETMAN.

Newport, R. I.

The June rose show, under the auspices of the Garden Association, assisted by the Newport Horticultural Society, was held on the Garden Association's new grounds, corner of Old Beach road and Gibbs avenue. These grounds are laid out as a permanent exhibition grounds and have already been planted in part with contributions by Mrs. Arthur Curtis James, Mrs. Stewart Duncan and Mrs. Hugh D. Anchincloss. The association is composed of society people and others interested in the advancement of floriculture.

The exhibits were shown under a tent and also in the open. The show was open from 2 until 8 p. m., admission being free. The first day was wet and the inclement weather put a damper on things. The second day was fine and there was a good exhibition and attendance. Owing to unfavorable weather conditions the rose growers claim that roses were not at their best, and the exhibit of roses on the whole was only a fair representation of what might have been had the conditions been otherwise. There was a fine exhibit of Canterbury bells and calceolarias and a bed of Viola cornuta atropurpurea, which is catalogued as a new, deep-violet blue, flowers all summer. It seems to the writer that this viola ought to find a place in cemetery work as it is compact and low growing and outside of cemetery work it looks like a grand good thing.

The best collection of named hybrid perpetual roses was awarded to William Waldorf Astor, (Hugh Williamson, Gr.); the best display arranged for effect went to Robert W. Goelet (Colin Robertson, Gr). For the best collection other than hybrid or tea roses the award was taken by A. F. Fish, New Bedford, Mass. For the best collection of tea and hybrid tea Colonel H. E. Converse, (David Ray, Gr.), captured the honors. Mrs. William Leeds, (William Grey, Gr.) was winner of several first prizes in the ing the summer at Lily Point Villa, rose classes.

In the strawberry classes for the best dish of Gandy First, Mrs. French Vanderbilt (Daniel Hays, Gr.) was first. A dish of Nick Ohmer, shown by David Ray, seemed to be the favorite strawberry.

Under the head of centerpieces, fancy baskets and vases, the fancy basket shown by Mrs. W. W. Sherman (Andrew Ramsay, Gr.) took first prize. This basket was round, with a tall handle and was filled with Mrs. Aaron Ward roses and rose foliage with a large bow of orange-yellow ribbon. The basket and roses matched in color and the whole was strikingly handsome and thought well enough of by the judges to award it the American Rose Society's bronze medal.

The best centerpiece was shown by Mrs. W. B. Leeds. The base of this basket was filled with Rhea Reid roses and foliage and had a tall tapering vase in the centre filled likewise. The Rhea Reid rose was shown in several classes and it attracted much attention, arranged both in single and bunches, and was awarded first prize for the best 12 outdoor hybrid tea roses. These were exhibited by Mrs. W. B. Leeds.

In the special awards, the American Rose Society's bronze medal was awarded to Mrs. William Waldorf Astor, for a splendid exhibition of hybrid perpetual roses. Mrs. W. B. Leeds won the silver medal of the American Rose Society for her exhibit of roses of the hybrid tea varieties. J. B. B.

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Giganteum, 7- 9 inch,	300	16.00	$53.00
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Giganteum, 9-10 inch,	200	17.00	82.50
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Lily of the Valley Pips			16.00
Gladiolus, Mrs. Francis King, 1st. . .			9.00

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Oklahoma City.

RAINS AND HEAVY WINDS CAUSE DAMAGE.

The continual heavy rains have caused quite serious flooded conditions in several parts of the city. Wheeler park, which lies close to the banks of the Canadian river, is inundated in many places, particularly so in that part where the "Zoo" is located, and some parts of the flower garden have been temporarily spoiled by the high waters. A 74-mile an hour gale blew for over one hour in the early morning, June 25, and thousands of shade trees throughout the city were damaged, many of them irreparably. The flower business is beginning to take on its usual summer quiescent attitude, and it may safely be said that the busy season is over. Both the florists and the seedsmen are unanimous in declaring that the business season so far this year has been eminently satisfactory and shows quite an increase over preceding seasons.

NOTES.

The annual flower show of the city will be held, July 3, in the store rooms at 122 West Main street. This exhibition is under the auspices of the "Women of 89," an association that has done much good work toward the promoting of horticultural and civic betterment throughout the city.

We are informed that an agreement has been reached among the three retail stores to close at 6 p. m. every day during the months of July and August.

Geo. W. Stiles has gone to Chicago, leaving June 24, for a brief business trip.

J. W. Furrow, of Furrow & Co., is in Chicago on a business trip.

S. S. B.

HILLSBORO, ORE.—Business has been very satisfactory this season, according to W. H. Morton, manager of the Hillsboro Plant and Flower Garden. Crops are looking fine and there has been plenty of rain. Outside flowers are now affecting the price of indoor stock, and time for preparations for fall is being taken advantage of.

A Few Good Things You Want.

Asparagus Plumosus, 2 in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.
Salvia Zurich, Mme. Salleroi Geranium, Heliotrope, Cigar Plant; Coleus, Verschaffeltii, Golden Bedder and Gem; **Achyranthes,** red; **Verbenas,** 2-in.; **Ageratum,** blue; **Lemon Verbena; Alternanthera,** red and yellow, $2.00 per 100.
Chrysanthemum, Chieftain, 2-in., $3.00 per 100.

Cash with order.

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Summer prices. Guaranteed delivery to any point east of the Mississippi River. Extra fine stock or I could not afford to do this.

S. A. Nutt and **Buchner**.....	$10 00 per 1000	
Ricard and **Poitevine**.....	12 50	" "
Asparagus Plumosus.....	25 00	" "
Smilax.....	12 50	" "

Send for list of bedding plants.

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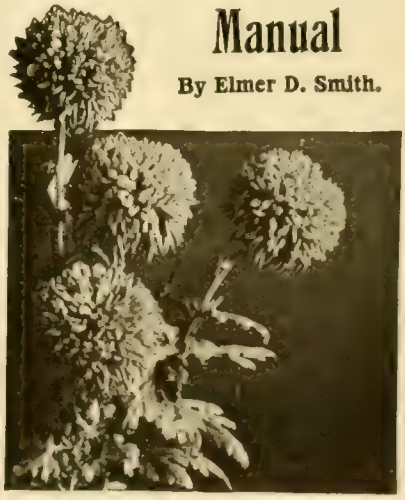

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	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00
6-in. pot	5 to 6	34 to 36	1.50	18.00

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	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	18.00

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	Each
7-in. tub, 18 in. high, 24 in. spread	$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
4-in. pot	5 to 6	15	$0.40	4.50
6-in. pot	6 to 7	24	1.00	12.00
6-in. pot	6 to 7	28 to 36	1.50	18.00

	Leaves	In. high	Each	Per doz.
9-in. cedar tub	6 to 7	42 to 45	$4.00	$48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

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Fredericton, N. B.

Trade has kept up exceptionally well all spring. Although the weather has been generally cool, cloudy and backward, it has favored tulips and prolonged their season, which is from May 10 on until June, but a few sunny days now and peonies will be in, as they are due in about a week, the latter part of June. We have been fortunate in absence of frosts this spring in this section, as about the middle of June last year beans and all tender plants were killed and had to be resown. There has been a good demand for tomato, cabbage, cauliflower and celery plants; also for lettuce for table use all spring. The call for stock for window boxes, vases and bedding has been excellent. Sweet peas have enjoyed a good call, are now looking fine and producing well. The cool weather has suited them admirably. Some years ago the local public looked upon flowers and flower gardens with distaste, but now it seems that they are returning to their wonted popularity; a case of history repeating itself.

Several hundred of our finest men have already left to join the colors at the front. Three detachments have already gone and we are preparing for another to follow. They are loyal to the core here.

There is a great prospect of a heavy hay crop, the abundance of rain being in its favor. J. B.

Newark, N. J.

The growers of carnations and chrysanthemums are well up with their work, the planting of chrysanthemums being pushed. Though carnations in the houses are on the wane, we found some very passable stock.

E. Brunner, 256 Chancellor avenue, has planted a fine stock of chrysanthemums. Albert Brunner, also on Chancellor avenue, is growing ferns and other plants in addition to cut flowers.

At Hahn & Co.'s department store both cut flowers and plants are being sold. This department is managed by Harry Stein.

At August C. Bergerow's, Philips Brothers', the Stroebels' and other stores there is evidence of prosperity.

Eswell Kemp, near the Catholic cemetery, has a considerable glass area and does a good business in plants.

The Ivy Flower Shop, 454 South Orange avenue, which was opened about a year ago, seems prosperous.

At W. G. Muller's, on Lyons avenue, we found a fine healthy stock of carnations in the field.

CALUMET, MICH. — August Jurgens and Anton Then, of Chicago, are here supervising work on their peony plantations.

Forcing Roses
STRONG GRAFTED STOCK

		Per 100	Per 1000
Hoosier Beauty,	3-inch - -	$30.00	$275.00
Mrs. Aaron Ward,	3-inch strong -	10.00	95.00
Mrs. Aaron Ward,	4-inch strong -	15.00	120.00
Killarney,	4-inch strong -	12.00	100.00
American Beauty, Own Root,	3½-inch -	10.00	95.00
Killarney Brilliant,	4-inch - - - -	12.00	110.00
Prince de Arenberg,	4-inch - - - -	12.00	110.00

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Araucaria Robusta Compacta, large plants; $2.50. each. Poehlmann Bros. Co., Morton Grove, Ill.

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ASPARAGUS PLUMOSUS NANUS
Out of 2¼-in. pots,
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Out of 3-in. pots,
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Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS NANUS, strong, healthy plants from 3-inch pots, $4.50 per 100. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, $12.50 per 100; 2-inch. $3; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, $2.50 per 100; $20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus nanus plants, from flats, grown from our own greenhouse seed, $8 per 1,000. B. H. Haverland, Mt. Healthy, O.

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Asparagus plumosus, $25 per 1,000. A. M. Herr, Lancaster, Pa.

Asparagus plumosus, 2-in. pots, $2 per 100; Sprengeri, $2 per 100; $17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

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ASTERS. Vick's finest cut flower varieties, from Vick's seed, assorted kinds, 2¼-inch pots, $1.50 per 100; $12.50 per 1,000. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

At clean out prices, mixed colors. Asters, transplanted late. Semple's Branching and peony flowered, $5 per 1,000; 100, 65c. Cash please. F. E. Peckham, Norwich, Conn.

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Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Bedding Plants—Ageratum, begonias, Cobea scandens, caladiums, dusty miller, rose geraniums, lobelias, primulas, petunias, salvias, smilax, Torenia Fourneri, verbenas, Wandering Jew. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding stock, coleus, achyranthes, salvias, lemons, verbenas, alternantheras, lobelias, begonias, 2-inch, $2 per 100; $18.50 per 1000; 3-inch, $3 per 100; $25 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Glory of Cincinnati 2½-inch ready for 4-inch, $18 per 100; $150 per 1,000. Begonia Mellor, 2½-in., $25 per 100. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Begonia Gloire de Lorraine, 3-inch, $18 per 100; $170 per 1,000. Glory of Cincinnati, 2-inch, $18 per 100; $150 per 1,000; 3-inch, $20 per 100; $175 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Glory of Cincinnati, 2¼-inch, fine plants, $15 per 100; $140 per 1,000. Lorraine, $12 per 100. Chatelaine, 2¼-inch, $5 per 100. Xmas Red, 2¼-inch, $6 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

100 Begonia Chatelaine, 2½-inch, $5 per 100. Edgar Easterday, Nokomis, Ill.

BOXWOOD.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

BOX TREES, pyramids, choice trees 18 to 24 ins., 75c each; $7.50 per doz. Prompt shipment assured. THE WAGNER PARK NURSERY CO., Sidney, Ohio.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Freesias, California grown, choice, ½ to ⅝-inch, 65c per 100; $5 per 1,000; 1st quality, ⅜ to ½-inch, 45c per 100; $3 per 1,000. Vaughan's Improved Purity, ⅝-inch and up, $2.25 per 100; $18 per 1,000; ½ to ⅝-inch, $1.75 per 100; $15 per 1,000; ⅜ to ½-inch, $1.50 per 100; $12 per 1,000. Purity, true, ⅝ and up, $2 per 100; $18 per 1,000; ½ to ⅝-inch, $1.60 per 100; $13 per 1,000; ⅜ to ½-inch, $1.25 per 100; $10 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, cold storage stock. Giganteum, 7-9-inch, 100 to case, $6 per case; 7-9-inch, 300 to case, $16 per case; $53 per 1,000; 8-10-inch, 225 to case, $16.50 per case, $72.50 per 1,000; 9-10-inch, 200 to case, $17 per case; $82.50 per 1,000. Formosum, 8-10-inch, 200 to case, $15 per case; $72.50 per 1,000. Gladiolus, Mrs. Francis King, 1st, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

CANNAS, 100 Louisiana, 100 A. Bouvier, 200 Crimson Bedder, 100 J. W. Elliott, 250 Allemania, 100 Pres. Cleveland, 100 L. Patry, 200 J. D. Eisele, 250 D. Harum, 100 New York, 400 Pres. McKinley, 100 Duke of Marlboro, 200 Chicago, 150 Chas. Henderson, 150 J. D. Eisele, 250 good red. Fine stock from 3-inch pots, $4 per 100. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

Cannas, King Humbert, 3-inch, $5 per 100; 4-inch, $7 per 100. Florence Vaughan, 3-inch, $4 per 100; 4-inch, $6 per 100. Express, 3-inch, $5 per 100; 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

CANNAS, good varieties, strong plants in 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

WE ARE ENTERING ORDERS FOR
FIELD-GROWN CARNATION PLANTS.
FOR LATER DELIVERY.
WILL MAKE EXCEPTIONALLY LOW
PRICES ON ORDERS PLACED NOW.
PRICES WILL BE SENT UPON
RECEIPT OF YOUR INQUIRY.
CAN SUPPLY THE BEST
COMMERCIAL VARIETIES.
PITTSBURGH CUT FLOWER CO., GROWERS,
121 7th St., Pittsburgh, Pa.

Field-grown carnation plants: Pink Enchantress, $4.50 per 100; $40 per 1,000. Rose Pink Enchantress, $4.50 per 100; $40 per 1,000. White Perfection, $3.50 per 100; $35 per 1,000. Mrs. C. W. Ward, $3.50 per 100; $35 per 1,000. Philadelphia, $5 per 100; $45 per 1,000. Peter Reinberg, 30 East Randolph St., Chicago.

FIELD GROWN CARNATION PLANTS.

Pink Enchantress	$4.00 per 100;	$35.00 per 1000
Windsor	4.00 per 100;	35.00 per 1000
C. W. Ward	4.00 per 100;	35.00 per 1000

ZECH & MANN, Chicago, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CENTAUREAS.

Centaurea Gymnocarpa (Dusty Miller)—Good strong 2½-inch stock, $2 per 100; $18 per 1,000. Cash. Addems, Morgan & Co., Paxton, Ill.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.	Per 100	Per 1,000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Alice Byron	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
CRIMSON.		
Shrimpton	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00

CHRYSANTHEMUMS FROM 2½-INCH POTS.

	Per 100	Per 1,000
Smith's Advance	$2.50	$20.00
October Frost	2.50	20.00
Alice Salomon	4.00	35.00
Alice Byron	2.50	20.00
Chas. Razer	2.50	20.00
Lynwood Hall	2.50	20.00
Shrimpton	2.50	20.00
Golden Salomon	4.00	35.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

FROM OUT-DOOR STOCK PLANTS.
$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

FROM OUT-DOOR STOCK PLANTS.
ROOTED CUTTINGS ONLY—Immediate delivery—October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

Chrysanthemums, cyclamens, begonias, primulus, cinerarias. Alonzo J. Bryan, Washington, New Jersey.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Ronnaffon, yellow	2.00
Chas. Razer, white	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

CUT BACK PLANTS.

Well established in soil. Fine stock. Order early.

	Per 100
Salomon Gold	$4.00
Chrysolora	2.00
Ramapo	2.00
Robt. Halliday	2.00
Col. D. Appleton	2.00
Nagoya	2.00
Intensity	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Agloi, variegated	2.00
H. Hicks, brown	2.00
Mrs. Beu	2.00
Baby Margaret	2.00
Klondyke	2.00

CUT BACK POMPONS.

Diana	$2.00
Mensa	2.00
Quinola	2.00
Baby	2.00
Pretoria	2.00
Agloi	2.00
Tiber	2.00
H. Hicks	2.00
Golden Climax	2.00
Overbrook	2.00
Mrs. Astor	2.00
Excelsior	2.00
Sabey	2.00
Zenobia	2.00
Mrs. Cubit	2.00
Mary Richardson	2.00
E. D. Godfrey	2.00
Emile	2.00
Ladysmith	2.00

WIETOR BROS.,
162 N. Wabash Avenue, Chicago, Ill.

Chrysanthemums from 2¼-inch pots: Odessa, $20 per 100. Oconto, Smith's Ideal, Edwin Seidewitz, Indian Summer, Salomon's Gold, $6 per 100. Chieftain, Mary E. Meyer, Adonis, Harvard, W. H. Chadwick, $4 per 100. Chrysolora, C. Touset, Donatello, Golden Glow, October Frost, Pink Ivory, Smith's Advance, Yellow Ivory, Yellow Frost, D. Appleton, $3 per 100. Pompons: Golden Climax, Golden Harvest, Golden West, Clorinda, Iva, Lillian Doty, Minta, Nio, Zenobia, $3 per 100. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Pompon Chrysanthemums in a good assortment, 2-inch, $2 per 100; $18.50 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2½-inch pots, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUMS.

CHRYSANTHEMUMS.

Extra strong, well grown 2½-in. stock.

Unaka, early pink	$3.00 per 100
Lady Harriett, early pink	4.00 per 100
W. R. Brooke, late pink	3.00 per 100
Maud Dean, late pink	3.00 per 100
Patty, late pink	3.00 per 100
Pink Frick, late pink	3.00 per 100
Polly Rose, early white	3.00 per 100
Early Snow, early white	3.00 per 100
Chas. Razer, midseason white	3.00 per 100
White Bonnaffon, midseason white	3.00 per 100
White Chadwick, late white	3.00 per 100
December Gem, late white	3.00 per 100
White Frick, late white	3.00 per 100
Col. Appleton, midseason yellow	3.00 per 100
Ramapo, midseason yellow	4.00 per 100
Roman Gold, late yellow	4.00 per 100
Major Bonnaffon, late yellow	3.00 per 100
Wm. Duckham, midseason pink	3.00 per 100
Chrysolora, early yellow	3.00 per 100
Golden Wedding, late yellow	4.00 per 100

POMPONS AND SINGLES.

The best varieties for commercial use.
Out of 2½-in. pots, $3 per 100.
Baby, yellow, late;
Irene Cragg, early white;
White Quintus, early white;
H. M. Smith, midseason pink;
Diana, white, midseason white;
Golden Star, late yellow;
Garza, white;
L. Dondo, pink;
Mary Richardson, bronze;
John Gossweiler, bronze;
PITTSBURGH CUT FLOWER CO.,
116-118 7th St., Pittsburgh, Pa.

Chrysanthemum Chieftain, 2-in., $3 per 100. Geo. M. Emmans, Newton, N. J.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COBÆA 3-inch, staked, $5 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS.

COLEUS, Golden Bedder, Firebrand and other best bedding sorts, $1.50 per 100; $12.50 per 1,000; strong 2-inch pot plants, not tall or leggy. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

COLEUS, 2-inch, mixed, $2 per 100; $18 per 1,000; 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

Coleus Verschaffeltii, Golden Bedder and Gem, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

COLEUS, good assortment, 2½-inch pots, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

CROTONS.

Crotons, 3-in., 25c; 4-in., 35c; 5-in., 50 to 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN.

Best strain of colors. Xmas Red, Wonder of Wandsbek (best salmon), Rose of Marienthal, Glowing Dark Red, White with Red Eye, Pure White. Strong plants out of 2¼-in. pots, $5 per 100 or $40 per 1,000. Satisfaction guaranteed. Cash with order, please.

J. H. FIESSER,
709-741 Hamilton Ave., North Bergen, N. J.

Cyclamen, pure white, white with red eye, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, dark red, Rosy Morn, brilliant red and bright red, 3-in., $8 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen, large flowering, twice transplanted, shipped in paper pots, 3-inch, extra strong, $10 per 100; 3-inch, strong, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Cyclamen giganteum, 3-inch, ready for shift, $10 per 100; $90 per 1,000. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Cyclamen Gig., Wandsbek type, finest in existence, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $8 per 100; $75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen, strong, 2½-inch, $6 per 100; 3-inch, $8 per 100. Vaughan's Seed Store, Chicago and New York.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracæna indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACÆNAS, good large bushy plants, 5 and 6-inch pots, $25 per 100. ELI CROSS, Grand Rapids, Mich.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

100,000 good strong 2-in. FERNS: Boston, $3.50 per 100; $30 per 1,000. Springfieldii, 2½-in., $4 per 100; $35 per 1,000. Boston, Roosevelt, Springfieldii and Whitmani, 3-in., $8 per 100. Boston, 4-in., $1.50 per doz., $12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.

THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO.

California's well known, and most beautiful fern, "Five Finger;" strong stock, fronds 5-in. to 14-in., tall, $40 per 1,000; $20 per 500; $7 per 100. Woodwardia ferns same size and same price as "Five Finger." Prompt shipment. Ferns cash. T. E. HOFFMAN, Los Gatos, Calif.

BOSTON FERNS, 6-inch, $35 per 100; small lots, 40c. Cash. H. W. Allersma, Grand Rapids, Mich.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

GERANIUMS.

Geraniums, 3-inch pots, standard varieties such as S. A. Nutt, A. Ricard, Beaute Poitevine, Berthe de Pressilly, La Favorite, Mme. Recamier, John Doyle, Marq. de Castellane, etc., $3 per 100; $25 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, Nutt, Grant, Perkins, Viaud, La Favorite, 4-inch, $7 per 100. Variegated, Nutt, 2½-inch, $5 per 100. Silver leaf, 2-inch, $2 per 100. Rose geraniums, 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt and other varieties, 4-inch, $8 per 100. M. C. Gunterberg, 158 N. Wabash Ave., Chicago.

25,000 S. A. NUTT, strong cuttings, well rooted, $1.25 per 100; $10 per 1,000. STOCK PLANTS, $5 per 100. Cash. THE W. T. BUCKLEY CO., Springfield, Ill.

GERANIUMS, S. A. Nutt, 4-inch, few double pink and Ricard, fine plants in bloom. Cash. H. W. Allersma, Grand Rapids, Mich.

Mme. Salleroi, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

GLADIOLUS.

GLADIOLI.

I can still supply America 1st size at $7 per 1,000 and 2nd size at $5 per 1,000; 250 at thousand rate.
E. E. STEWART, BROOKLYN, MICH.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

GREENS.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag. Perpetuated moss, $3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag; perpetuated moss, $3.50 per bag. E. A. Beaven, Evergreen, Ala.

Clean Huckleberry Foliage. $2.50 per crate or bale; terms cash. T. E. Hoffmann, 424 Seneca St., Palo Alto, Calif.

HELIOTROPE.

HELIOTROPE, 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

HYDRANGEAS, Otaksa, in bloom, from 25c to $3 each. Small plants, 3-inch pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

ENGLISH IVY, 20 to 30 ins. $3; from pots, 12 to 15 ins., $4 per 100. CHAS. FROST, Kenilworth, N. J.

GERMAN IVY, rooted cuttings, 60c per 100; $5 per 1,000. C. L. Van Meter, Monticello, Iowa.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $8.50 for 500; $4.50 for 250; $2 per 100. Florist's Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

UMBRELLA plants, strong 3 to 5-inch pots, $10 to $25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PALMS FROM SEED PANS.

	Per 100	Per 500
Washingtonia Filifera	$1.00	$ 4.00
Washingtonia Robusta	4.00	15.00
Chamerops Excelsa	1.00	4.00

C. S. TAIT. BRUNSWICK, GA.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PALMS.

KENTIA BELMOREANA.

Single Plants.

3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.

Single Plants.

3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....$	0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.

Made-Up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot, 28	..	$1.50
7-inch pots, 3 plants in a pot, 36 to 38..		2.50
7-inch tubs, 4 plants in a tub, 38 to 40..		3.00
8-inch tubs, 4 plants in a tub, 38 to 44..		3.50
8-inch tubs, 3 plants in a tub, 48 to 54..		5.00
8-inch tubs, 4 plants in a tub, 52 to 56..		6.00
10-inch tubs, 4 plants in a tub, 5 ft. high		8.00
12-inch tubs, 4 plants in a tub, 5 to 5½ ft.		10.00
12-inch tubs, 4 plants in a tub, 6 ft. high		12.00

Very strong specimens. 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PENNISETUMS.

Pennisetum, choice stock, 2-inch pots, $3 per 100. JOSEPH BANCROFT & SONS, Inc., Cedar Falls, Iowa

PEONIES.

Peonies, 3 to 5 eye roots. Felix Crouse, Festiva Maxima, M. Jules Eli, Queen Victoria, Mme. de Verneville and other exceptional florists' sorts, 25 for $7; 50 for $13; 100 for $25. Vaughan's Seed Store, Chicago and New York.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work; 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

PETUNIAS, double mixed, 2-inch, $3 per 100; single, 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

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POINSETTIA HEADQUARTERS.

True type, all top cuttings, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $7 per 100. Booked orders in advance for summer delivery. ERNEST ROBER, Wilmette, Ill.

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Primula obconica grandiflora and Gig.; Primula Malacoides, transplanted seedlings ready to pot, $2 per 100; $18 per 1,000. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA, Miller's Giant, free flowering fine 2-inch, $2.50; 3-inch, $4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

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California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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Resurrection Plants—Cacti and Cacti Seeds. Wholesale and Retail. Get our rates. El Paso Curio Novelty Company, Box 378, El Paso, Texas.

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Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

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Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

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White Killarney, 2-inch	4.00	35.00
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Sunburst, 2-inch	5.00	40.00

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Strong Grafted Stock.

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Hoosier Beauty, 3-inch	$30.00	$275.00
Mrs. Aaron Ward, 3-in., strong	10.00	95.00
Mrs. Aaron Ward, 4-in., strong	15.00	120.00
Killarney, 4-inch, strong	12.00	100.00
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Killarney Brilliant, 4-inch	12.00	110.00
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Winter flowering roses, 3½ and 4-inch pots. Ophelia, Francis Scott Key, Mme. Edmond Rostand and Crimson Queen, $20 per 100. Mrs. George Shawyer, Killarney Brilliant, Sunburst, Prince E. C. d'Arenberg, Lady Hillingdon, Mrs. Aaron Ward, Killarney Queen, Richmond, White Killarney, $15 per 100. All of the above are grafted plants, with the exception of Francis Scott Key, Mme. Edmond Rostand and Sunburst—which are own root stock. F. R. Pierson Co., Tarrytown, N. Y.

Roses, 2,500 fine plants of the best bedding sorts grown for the catalogue trade. Stock kept dormant last winter, and is in splendid shape for out-door blooming; assorted kinds, our selection, 3-inch pots, $5 per 100; 3½-inch pots, $6 per 100 to close. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

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SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

SALVIA SPLENDENS, 2½-inch, 8-10 inches high, $1.75 per 100. Cash please. F. E. Peckham, Norwich, Conn.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Salvia Zurich, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

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Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

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SMILAX PLANTS, 2-inch pots, $2 per 100. HENRY SMITH, Grand Rapids, Mich.

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VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

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The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

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Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

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Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

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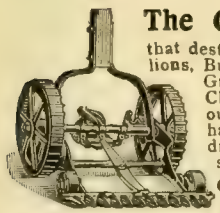

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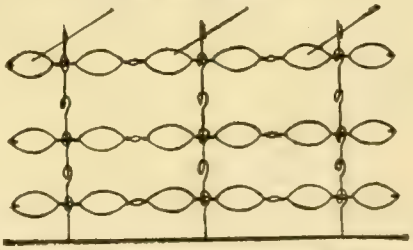

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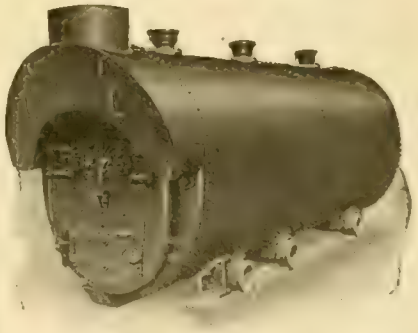

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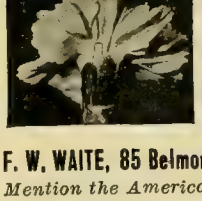

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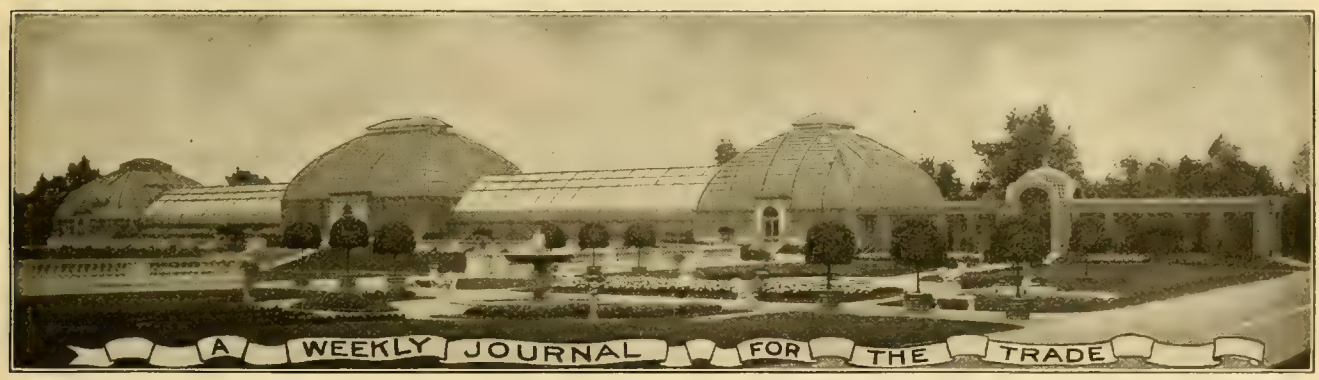

America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACROBIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St. Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I., July 15-16, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at Minneapolis, Minn., August 24-27, 1915. THOS. WALLIS, Chicago, President; BELLETT LAWSON, JR., Elmwood Cemetery Chicago, Ill., Secretary-Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition, New York, June, 1916. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

SUGGESTIONS FOR PLANT GROWERS.

Delphiniums.

This perennial has become quite a popular cut flower for summer use and is very decorative and showy. Those that have a stock can increase the plants of the better varieties by propagation at this time. When the plants bloom those that produce the best spikes and are of the best colors should be marked. After the blooms are cut the small growths that break from the stem are very easily rooted. Prepare a bed in a shaded frame and insert the cuttings, watering heavily when first put in. They will need frequent syringing during the hot weather and will root in three to four weeks, when they can be either potted or planted in a frame where they can be given attention. As soon as well established they can be planted in their permanent location, but should be given a little protection during the first winter by throwing a little old straw or some such material over them.

Pansies.

For winter blooming the seed of pansies should be sown early. Procure a strain of seed that will produce large flowers, and unless they are to be grown in considerable quantities mixed colors are to be preferred. To obtain plants enough for winter blooming it will be better to plant the seed in flats and place them in a cool shady location in the house, where they are much more easily cared for than out in the open. If such a location is not to be had they can be sown in a cold frame and a sash that is quite heavily shaded placed over them until the plants begin to grow. As soon as large enough they should be planted in a cold frame until the bench is made ready, about the middle of September, in the house. The soil for winter growing should be good, and of the richest, in order to obtain large flowers, and the house in which they are planted should be maintained at a cool temperature, about 45 degrees at night after settled fall and winter weather commences. Pansies are not, as a rule, troubled much with insect pests, but sometimes in the fall in the houses they are attacked by green fly and they are quickly checked in their growth if the aphis gets a good hold upon them. A careful watch should be maintained and if they are found to be infested with aphis constant spraying with nicotine solutions will keep the insects down.

Roman Hyacinths.

The first bulbs to arrive will be the Roman hyacinths, and everything should be in readiness to properly care for them as soon as received. When the cases arrive the bulbs should be placed in a cool, dry place; if packed in bags they should be spread out either in flats or shallow boxes and placed where they will neither be too moist nor yet in too dry and warm a location. While it is too early to plant for the winter blooming, still a succession of plantings may be made every week until cool weather, when the balance can be planted up. Almost any soil will grow bulbs successfully but fine results are obtained with soil that has been thrown out from the carnation or rose benches and has lain out over winter to allow it to sweeten a little. When a fall pot plant is wanted a few of the hyacinth bulbs can be planted in bulb pots, but in growing for cut flowers flats are to be preferred, for they are much more economically handled and do not require as much care. In planting the bulbs cover the bottom of the flats with about an inch of soil, placing the bulbs on this quite closely together, yet not touching, as can be done with other bulbs. The flat should then be filled with soil, which should be packed between the bulbs with the ends of the fingers. They should then be given a good watering, enough to wet the soil all the way through and settle it around the bulb. The flats should be placed outside and covered to the depth of about three inches with sand or coal ashes or something that will lie close enough to prevent drying out. A label should be placed at the end with the date of planting, so that the several plantings will be kept separate and can be readily moved into the houses. In four to six weeks they should be well enough rooted to bring them into the house, where they can

be placed under a bench until they begin to throw up their flowering spikes.

Office Housecleaning.

Nearly all growing establishments at the present day have what is termed the office, and during the busy season, in many places, but little attention is given to keep it in a tidy condition. Now is the time, after the carnations are housed and before the fall work commences, to have a thorough cleaning up of the office and workroom and get them in readiness for the coming season. Get all the papers filed away in proper shape and fix up all accounts as far as possible, and thereby get rid of much of the worry and trouble. Clean up the workroom and give it a clean coat of paint, and straighten out the supplies. If the stock of baskets has grown dirty get a little gold paint and give them a coat of this, which will certainly make them more attractive than the dingy supplies too often seen hanging on the walls or standing around. The florist too seldom appreciates how the customer likes to trade in a clean, up-to-date place, and often endeavors to excuse the dirty appearance by remarking: "It is impossible where so much dirt is handled to keep the place clean." Such a one is only fooling himself. The present-day customers, of whom many are ladies, know better; they see other places that are kept neat and clean, and they cannot be imposed upon with such tales. Now is the time to get everything shipshape for the fall and winter trade.

Asparagus Baskets.

There is always a good call for hanging baskets of Asparagus Sprengeri and there is nothing more decorative in a store or greenhouse than these beautiful baskets when well put up and when they are growing nicely. The young 3-inch stock will make nice basket work. The wire basket frame should be of good size, eight inches in diameter at least. Line the outside with green sheet moss, which makes a much better appearance than sphagnum, and then fill with good rich soil and plant the young plants in this. The basket, after planting, should be placed in a warm, moist house to encourage rapid growth; a house with a temperature such as palms are grown in is about right. They should be frequently syringed, and as soon as the long fronds have made a good growth they can be removed to lighter and cooler quarters.

Anemone Japonica.

One of the most useful perennials for the fall is the Anemone Japonica. It blooms at a time when flowers are very scarce, and if planted where it can be protected from the early frosts will produce quantities of bloom that can be made of use in all classes of floral work. The successful blooming of this plant depends much upon its summer culture. If the season is dry it will require constant watering, in fact, a good soaking. It is a good plan to place the hose in a bed of this and let the water run until the ground is thoroughly wet, and do this as often as may be required. It will amply repay in the long, strong shoots, full of blooms, that will be produced in the fall. The florist not possessing a good stock of this beautiful perennial should procure some of it and plant a bed for fall cutting.

THE RETAIL TRADE

Conducted by Robt. Kift, Philadelphia, Pa.

Samuel Murray's New Flower Shop.

Samuel Murray's new flower store, 1017 Grand avenue, Kansas City, Mo., as shown in the accompanying illustrations, unique and up-to-date in its arrangement in every way, has been the recipient of many compliments since its opening, June 2. Located as it is in the center of the shopping district of the city, it has already become a point of interest to flower lovers of that city, with its attractive window arrangements and its tasty interior always filled with choice stock.

The fixtures are up-to-date and attractive, the color scheme being carried out in buff, the lower parts of the walls presenting a wainscoating effect of rough finished brick, above which an effect of rough stone is extended to the ceiling. A balcony offers excellent opportunity for the arrangement of plants and fancy baskets. Four domes in the ceiling with electrical effects also give opportunity for artistic display of plants.

Many beautiful floral arrangements accompanied by expressions of good will and wishes of success were received by Mr. Murray from friends in the trade, both local and from distant points, and the floral decoration of the store was beautiful in the fullest sense of the word. A gold horse shoe, from Arnold Ringier, Chicago, a life long friend, was placed over the door.

The brightness of Mr. Murray's new "home", as he calls it, however, does not eclipse the clever personality of his force, many of whom have been with him for periods ranging from five years to a quarter of a century. Among these are William Sharpe, who has been with Mr. Murray for 25 years; Misses Mary and Elizabeth Hayden, 16 years and 9 years respectively; William Reed and a number of others whose faces have been familiar to the store's patrons for some time past.

When Flowers are Plentiful.

In the early fall, before the city folk are all home, the markets ofttimes become overstocked to a degree that appears alarming. What to do with the immense quantities that keep coming in on top of those of yesterday, for which there was little or no demand, is a problem that tries to the utmost the best minds in the trade. The general consensus of opinion is that there must be created a new outlet, some way in which to get the people, the general public, those who have an idea that flowers are too expensive for their purse, to see them and learn the low price at which they can be purchased when large crops are in. The regular stores buy all they have demand for, or can sell in their comparatively limited way. Now, can they by special efforts push the sale at price reduc-

INTERIOR OF SAMUEL MURRAY'S NEW STORE, KANSAS CITY, MO.

INTERIOR OF SAMUEL MURRAY'S NEW STORE, KANSAS CITY, MO.

tions, and can they get the people to the store while such prices prevail, or will it happen that just as they begin to get interested the market shortens up with consequent higher prices?

The department stores who have the people all the time, crowds and more crowds daily, find a ready market for large quantities of roses, running into 10,000. and even 20,000 or more on bargain days. Now the question is: Would all the other people or a reasonable portion of them, who did not get to the department stores that day, purchase in the same way, could they have the flowers brought to their attention? The chances are they would, at least for a time, as long as the low prices prevailed, or the price matched their purses.

Now, how is this to be done? Some enterprising men are already in the field, carrying large stocks and offering them at low prices on certain days, when by buying in quantities they can offer flowers at very low rates. A man with two or more stores has an advantage over his neighbor, with only one place of business, as he can by buying in larger quantities get more favorable terms and sell at lower prices. At such sales cash is a great factor; most people expect to pay the money and where the margin is small, as it must be in such cases, it is the only safe way. With a store doing a larger volume of business and appealing to the middle or wealthy class, a quantity of flowers may be moved at special prices by sending out sample boxes showing the goods and the special prices they are offered for at that time. Everybody likes a bargain and many are tempted to buy flowers they have no special use for, just because they look good and are so cheap. Whether sales immediately follow or not, the effort to make them is not lost, as every one appreciates the gift which is pretty sure to be remembered later. Offers to supply flowers during this period three times a week at low figures will sometimes secure orders which may be continued at a higher figure as prices rise.

The point is that three-dollar-a-hundred roses can be bought at half the money or less, if purchased by the thousand, the problem being, to in some way create a market for them. There is no question that to a greater or less extent, depending on location and other circumstances, a wider market could be opened if the proper methods were pursued. A list of certain customers for early in the week, another for later, others for the week following and so on. It would cost something, but as an advertising scheme it should bring excellent results. The store would be kept in mind and have excellent chance at any early orders.

K.

ATLANTA, GA.—The City Federation of Women's Clubs will petition the state legislature at its next session to adopt the Cherokee rose officially as the state flower. The enactment of a law to make damage to holly trees a misdemeanor is also on the schedule.

Exposition Notes.

Those who attended the American Seed Trade Association convention at San Francisco, discovered an interesting spot immediately west of the Palace of Horticulture where the Netherlands garden exhibit, the Massachusetts garden, the California garden, and the miscellaneous eastern gardens are located.

The Netherlands garden is a combined exhibit by all of the growers of the Netherlands made under the direction of the Netherlands Horticultural Federation. No individual advertising is allowed, but the official national organization makes the exhibit. The exhibit was commandeered, that is, the federation did not ask each man to send his best, but through its specially appointed commission selected for itself the best of what each man had. In this exhibit are to be found a wonderful display of conifers, boxes of all sorts of ornamental trees and shrubs, comprising splendid rhododendrons in season. The bulb display was replaced as the season advanced by tuberous begonias, which they intend to keep flowering through the season.

The Massachusetts growers federated in the Massachusetts garden where there are a number of especially interesting things; for instance, a magnificent exhibit of dahlias now coming into bloom, a fine display of irises and phloxes, delphiniums and Buddleias; an excellent collection of conifers and de-

ciduous shrubs. Among the exhibitors in this garden are the following: Cherry Hill Nurseries, Forbes &Keith, R. & J. Farquhar & Co., Breck-Robinson Nursery, J. K. Alexander, Bay State Nurseries, Eastern Nurseries, Peter Fisher, New England Nurseries, Old Colony Nurseries, Patten & Co., Frederick J. Rea, Thomas Roland, B. H. Tracy, George H. Walker, George B. Eager, and Edward Gillette.

In the California garden there is a splendid showing of sweet peas, Lilium Harrisii, roses, gladioli, dahlias, carnations, and a variety of flowering shrubs. Among the exhibitors in this garden are the following: Hillsboro Nurseries, MacRorie-McLaren Co., Anton Zvolanek, Vallance Nursery Co., Henry W. Turner, California Rose Co., Metzner Floral Co., Gill Nursery Co., T. B. Shepherd Co., Richard Lohrmann, Fancher Creek Nurseries, California Nursery Company, Howard & Smith, C. C. Morse & Co., Bessie Boston Dahlia Farm, William Bustrim, Leonard-Coates Company, Pacific Coast Bulb Company, Carl Purdy, N. F. Vanderbilt, J. H. Willey & Co. and A. Twitchett.

In the Eastern garden the following have exhibits: Vaughan's Seed Store, Henry A. Dreer, Inc., Dingee & Conard Co., Conard & Jones Co., Bertrand H. Farr, Charles H. Totty, Arthur Cowee, John Lewis Childs, John Cook, Henry Eicholtz, E. G. Hill Company, Henry F. Michell Co., F. R. Pierson Co., S. G. Reuter & Sons, P. Van Deursen, W. W. Wilmore, Brant-Hentz Flower Company. Of the foregoing Vaughan's Seed Store has beautiful gladioli and roses in bloom which will be coming on for some time, having been planted with that end in view. Charles H. Totty's roses and heliotrope are beautiful; Conard & Jones have some beautiful roses, and Dingee & Conard, cannas. Arthur Cowee's and Jas. Lewis Child's gladioli will be in bloom during the S. A. F. convention time. B. H. Farr's iris has been very beautiful, but is now, of course, out of bloom.

The gardens around the Japanese pavilion are well worth inspection. They have some very wonderful dwarf trees there, some of them a thousand years old. The gardens around the New Zealand and Australia pavilions are also deserving of a visit, there being a wonderful collection of tree ferns in both of them, and New Zealand has a particularly fine collection of indigenous plants.

Kelway & Son, Langport, Somerset, Eng., and Sutton and Sons, Reading, Eng., have a beautiful display of flowering annuals in extended variety surrounding the International rose contest exhibit. There has been quite a general response by competitors in the International rose contest garden, where there are some very interesting roses showing new forms in great variety. The judges will judge these throughout the season, and their awards will not be announced until the close of the rose season. They will be carried over two seasons of bloom before decisions are announced.

In the Japanese garden, in addition to the exhibit by the Japanese government there is a special exhibit by The Yokohama Nursery Co., Ltd., of Yokohama, Japan, New York and London. In this will be found fine specimens of Thuya obtusa aurea nana, the finest specimens ever brought to this country; retinospora, over one thousand years old; Cycas revoluta, sago palm, one six hundred and fifty years old, another seven hundred and fifty years old; dwarf type wistaria, dwarf maples, Taxus turdiba, wistaria multijuga, about two hundred years old; an assortment of bamboos, Thuya obtusa nana, characteristic of Japan; also the same when trained into vertical shape, a wonderful illustration of the Japanese skill in training dwarf and other trees and shrubs, etc. Here are dwarf Japan maples, evergreens and bamboos showing their skill in extended periods of training lasting through hundreds of years. In the Japanese government exhibit there is a model of a Japanese garden in miniature laid out in regular style. Another private exhibitor in this garden is the Domoto Brothers, Inc., San Francisco, California, who show some brilliant tints of green in their various dwarf trees, shrubs, etc.

In the California exhibit garden the display by the Metzner Floral Company, of Mountain View, is noticeable, showing superb seedling varieties still unnamed, which a great many growers say are the finest they have ever seen.

In the competitive garden exhibit, attached to the Palace of Horticulture, C. C. Morse & Co., San Francisco, Calif., have some magnificent sweet peas grown on the English cordon system under the direct charge of Frank G. Cuthbertson. The entire exhibit is flowers grown from nursery stock. There are about 300 different varieties of flowers in addition to the sweet peas. They originally had bulbs set out which received a medal of honor, and were then replaced by the present exhibit of annuals. One of the largest of these is the snapdragons, which are very fine indeed and which represent all of the varieties recently introduced in Europe. Four gardeners are constantly at work on this exhibit, and there is a lady attendant and guide ready at all times to receive visitors. A. R. Gould, fellow of the Royal Horticultural Society of England, was engaged to have actual charge of this garden.

French Horticulture in War Times.

The production of roses, carnations and early vegetables from the south of France, usually so important, has been reduced to one-third. The absence of the heads at the front, the lessened demand, railway congestion, all conspire to reduce this commerce. Tomatoes are about the only crop that is not falling off. In the forcing establishments in the north the scarcity of coal and the difficulties of finding and reaching a market have reduced this branch radically. Many of the early vegetables and fruits are finding their way directly to the military hospitals.

Furloughs of two weeks have been arranged in many cases for soldiers

WINDOW ARRANGEMENT SAMUEL MURRAY'S NEW STORE, KANSAS CITY, MO.

from agricultural districts, to allow them to do the most necessary spring work of pruning and planting.

The importation of nitrate of soda into France at Dunkirk has been conceded by the ministry of war, which permits one ship-load to enter at a time, although this harbor is otherwise closed to all except military uses. Transportation on the main railroad lines has also been arranged.—Revue Horticole.

Texas State Florists' Association.

Annual Convention and Exhibition, Fort Worth, July 6-7.

Officers Elected: R. C. Kerr, Houston, President; Henry Greve, Dallas, Vice-President; L. J. Tackett Fort Worth, Secretary-Treasurer; Louis Oesch, Dallas, Press Representative. Directors: H. O. Hannah, Sherman; Tom Wolfe, Waco; J. E. McAdam, Ft. Worth; Bird Forrest, Waxahachie; Chris Hauser, San Antonio; E. E. Stone, Dickinson.

Next Convention at Dallas. **Fall Flower Show, Houston.**

Texas Advancing Floriculture.

The second annual convention and exhibition of the Texas State Florists' Association opened at Ft. Worth today, July 6, under most favorable conditions. The city authorities and the citizens themselves gave the visitors a royal welcome, business being practically suspended for the day. Entertainment on a large scale has been provided, including auto rides in and about the city, races and a ball game. In the course of the auto ride the visitors called at the various greenhouse establishments, where refreshments were served. Among the prominent participants in the sports we find the names of J. A. Peterson, Cincinnati, O., Cliff Pruner and Phil Foley, of Chicago, John Furrow, Guthrie, Okla., and Frank Stuppy, of St. Joseph, Mo.

Among the leading exhibitors are the Poehlmann Bros. Co., Chicago, plants and florists' supplies; Bassett & Washburn, Chicago, cut flowers; Raedlein Basket Co., Chicago, florists' baskets; Foley Greenhouse Mfg. Co., Chicago, greenhouse building materials; J. A. Peterson & Sons, Cincinnati, O., decorative plants; Pikes Peak Floral Co., Colorado Springs, Colo., carnations; A. A. Arnold Paper Box Co., Chicago, florists' boxes; H. Bayersdorfer & Co., Philadelphia, Pa., florists' supplies; A. L. Randall Co., Chicago, florists' supplies; Burlington Willowware Co., Burlington, Ia., florists' baskets; Paducah Pottery Co., Paducah, Ky., pots; E. Farley, Denison, Tex., ferns; Weatherford Pottery Co., Weatherford, Tex., pots; H. Schroeder, Temple, Tex., begonias.

The meeting will continue through July 7, the business programme including addresses, etc., as follows: Addresses of welcome by E. T. Tyra, mayor of Ft. Worth, and L. J. Tackett, president of Ft. Worth Florists' Club; President Kerr's address; President Welch, of the Society of American Florists, "Co-operation of the S. A. F. and The Southern Florists"; Dan MacRorie, vice-president of the Society of American Florists, "What We May Expect at the Frisco Convention"; August Poehlmann, member of the Board of Directors, Society of American Florists, "What the Big Growers Think of the South as a Market"; J. S. Kerr, Sherman, Tex., "The Florists' Part in the Texas Arboretum"; E. J. Kyle, College Station, Tex., "The Possibilities of an Experimental Range of Glass at College Station"; Bird Forrest, Waxahachie, Tex., "Carnations as a Profitable Crop in Texas"; H. A. Hannah, Sherman, Tex., "How We Should Treat Our Competitors"; H. Greve, Dallas, Tex., "The Retail Flower Store and Its Management, and Some Methods of Saving Time and Materials"; Mrs. Annie Wolfe Brigance, Waco, Tex., "Why Woman Is Indispensable in the Florist Business"; R. C. Kerr, Houston, Tex., "Florists as Advertisers and Bookkeepers."

President Kerr's Address.

Ladies and Gentlemen, Members of the Texas State Florists' Association:

Ever since you paid me the great honor of electing me to the highest office within your gift, I have anticipated this hour, not so much to harvest the honors and privileges extended to your presiding officer, as for the opportunity to express to you my deep felt gratitude and appreciation for your kindness and good will toward me.

Robert C. Kerr.
President Texas State Florists' Association.

Our First Year's Work.—The 12 months past since we last met have been busy ones for those entrusted with the affairs of our organization. Your standing committees have also been faithful to their trusts and duties, as their reports will reveal to you. We have progressed, and increased our influence to such a degree that a review of the year's proceedings might well be devoted to laudations rather than to suggestions or criticisms. It is certainly gratifying to note the widespread interest in our organization the first year. When we consider the comparatively short time the Texas State Florists' Association has been in existence, it is remarkable what an immense growth it has made and what a power for good it has become. The large gathering here today is self evident testimony of the fact that the florists of Texas are awake to the importance of organization. Organizing as we have done has not come voluntarily, but the necessity of the times demand that we must pull together if we expect the accomplished results. One of our most valuable assets is to get together and get acquainted. How many florists have you met at our two conventions, that you had heard of, or done business with, but had never seen until met in the convention hall? This alone is worth our time, and expense of this organization. Let us keep up this good work and enthusiasm.

Texas to the Front as a Flower Market.—This organization is only one year old, and in that short time we have done wonders toward making this a better flower market. There were more flowers shipped to the outside market this year than the past five years combined. We have grown more and bought less this year, than any one year previous; and at the same time business has been normal—which goes to show what real good can be accomplished by real co-operation.

That Experimental Range of Glass for Commercial Cut Flowers.—Prof. Kyle will tell us today what the possibilities are for this experimental station. I believe that it is the consensus of opinion that the florists of Texas are entitled to some means of carrying on practical experiments with commercial cut flowers. The great amount of money spent each year for flowers is amazing, and to think that about 90 per cent of this is going out of the state, is certainly something that needs remedy. Every florist in the state of Texas should be vitally interested in this movement, and avail himself of every opportunity to help the good work along. I believe our best means of securing this experimental range will be through the horticultural department at College Station, this being centrally located. I would like to see a good strong committee appointed to work on this matter, and keep hammering away until we accomplish what we want.

The Annual Flower Show.—We consider our first annual flower show a grand success. It demonstrated to us that this is the best means of educating the public in the proper use of flowers; also for creating a greater demand. It is also a great education for florists. Every designer and grower produces the best that he has, and, as the saying is, "No man knows it all." Then in this way good ideas are both scattered and gathered, and taken home and put into practical use. I believe that the members will all agree that this is really the most important work of our association. I sincerely trust that the committee appointed for the ensuing year will work vigorously to see that this year's show will be larger and even better than last year's.

The Southern Trade Paper.—Every florist in the south should rally to the support of the Southern Florist. This is our official organ, and should be the means of communicating and carrying on our work. It is filling a long felt want. I want to state here that we could not do without the other trade papers, as they cover a field that we cannot cover, and the Southern Florist is not considered a competitor by the other papers. Every florist should contribute articles, also send in all news items from their respective towns. Practically every florist in Texas is a subscriber, and we have a wide circulation throughout the south. If you are interested in the welfare of the southern florists, you will rally to the support of this organ. But, being a subscriber is not all; we need material to keep the south posted. It is not my intention to criticize the other papers, but up to the last few months, how many articles pertaining to southern florists, or southern floriculture, have you noted in these papers, and why? It is not because they are not interested in us, for they are vitally

interested in every section of the United States; but the real reason is that they are experiencing the same trouble we are having right now, and that is in getting the florists of the southern cities to report, and co-operate. They stand ready at all times to publish the news and any other articles submitted to them. We believe we have solved a problem by establishing a trade paper in our midst. Let every florist in the south realize that this medium is their paper, and is working for their interest, and go home determined to take more interest in the future welfare of an organ that is working for their good. Let me pause here long enough to say that this organization, nor any of its members (except Mr. Tackett), is not financially interested in this paper. It is only our moral support that we pledge.

The Florist Business on a Higher Plane.—The florist business as a general rule is considered about a third class business, and about three cases out of four it is true. This is our own fault. We fail to conduct our business in a way that makes an impression on the business world. We are too busy doing the work that a $2 man can do, instead of work at the desk, figuring profits and loss, store management, keeping a large and seasonable stock, discounting our bills, stimulating a demand for flowers, etc. It is my frank opinion, that if the florists will use their heads more and muscles less, their greenhouses will show a gain instead of a loss. It is high time we are waking up to these things, and I believe this organization will bring about an improved condition.

Our Local Clubs.—When we first began on organization work, the plan was to organize clubs in each city, and centralize these with the state organization as a central body. While the local clubs have not been as active as they should, the reports show that we have accomplished a great deal. We should realize the importance of the local clubs, and stir up more interest and enthusiasm the coming year. Remember the local clubs are no place to get together to discuss prices or control trade; nor is it the place to settle personal grievances. The florists should come together at the local clubs to work along lines to stimulate a greater demand for flowers and plants, such as pretty yard contests, co-operative advertising, stirring up interest in civic beautification, etc. The clubs that are working along these lines are accomplishing results. If your local club is lifeless, diagnose the case and see if the above mentioned does not apply.

Membership.—Every florist in the state of Texas should belong to this state organization. If you are not a member you are the loser. Cast your lot with the organization that is going to be the making of the florist business of Texas. In one short year we have made wonderful progress, but we need all of you, and you need us. If you have not taken out your membership—do so today before leaving the hall.

Affiliation with the S. A. F.—One of the most important matters for this organization to consider at this time is the best means of working with the S. A. F.—the parent body of all floricultural bodies of the United States. We are all vitally interested in the welfare of that organization; and we should take some steps toward stimulating more interest among the florists in the state of Texas. If it is possible, I would like to see our dues raised so as to include the S. A. F. membership. If we have one hundred such members, we are entitled to a member on the board of directors. Let us show the florists of the United States that we mean business; that when we start to do a thing, we do it right. If it is not possible to include S. A. F. membership in our dues, then do the next best thing. But we must wake up to the importance of the co-operative organization. Remember, there is good to be derived for you personally.

Frank G. Cuthbertson.

Manager Recent Highly Successful Sweet Pea Show at San Francisco, Calif. See Issues of June 26 and July 3.

Trade Exhibits.—It is certainly gratifying to note the very excellent display we have for our second convention. It shows that the wholesale concerns over the country realize that Texas is a great market; and are interested in us, and are willing to contribute toward helping to make this convention a success. I believe every member should show his appreciation by reciprocating when in need along these lines.

The Visitors.

The visitors the first day included the following:

Wise Adkisson, Greenville, Tex.
James W. Begbie, Fort Worth, Tex.
Harry B. Beck, Austin, Tex.
S. S. Bedinger, Weatherford, Tex.
C. H. Brazier, Ft. Worth, Tex.
Mrs. Annie Wolfe Brigance, Waco, Tex.
C. L. Brock, Houston, Tex.
Mrs. Sam Brown, Tyler, Tex.
C. A. Byars, Ft. Worth, Tex.
Ralph Carroll, Houston, Tex.
H. H. Carver, Dallas, Tex.
M. N. Connally, Farmersville, Tex.
Wm. Clowe, Corsicana, Tex.
Mrs. Wm. Clowe, Corsicana, Tex.
L. Cowell, Ft. Worth, Tex.
Mrs. L. Cowell, Ft. Worth, Tex.
John W. Dawson, Dallas, Tex.
Annie J. Dunlap, Ennis, Tex.
John A. Evans, Richmond, Ind.
E. Farley, Denison, Tex.
Mrs. W. D. Fletcher, Terrell, Tex.
P. J. Foley, Chicago.
Bird Forrest, Waxahachie, Tex.
J. W. Furrow, Guthrie, Okla.
A. S. Gray, Chickasha, Okla.
B. F. Green, Dallas, Tex.
Ed. Green, San Antonio, Tex.
Mrs. Ed. Green, San Antonio, Tex.
W. B. Green, Ft. Worth, Tex.
Edgar Hall, Austin, Tex.
H. O. Hannah, Sherman, Tex.
D. E. Henslee, Farmersville, Tex.
Mrs. F. A. Hildreth, Dallas, Tex.
Mrs. Theodore S. Hillyer, Austin, Tex.
Miss Hillyer, Austin, Tex.
Miss Jewell Hildreth, Dallas, Tex.
Bert Johnson, Comanche, Tex.
J. Edw. Johnson, Colorado Springs, Colo.
E. W. Judge, Tyler, Tex.
Mrs. E. W. Judge, Tyler, Tex.
Mrs. G. Jung, San Antonio, Tex.
H. Kaden, Gainesville, Tex.
J. E. Kallenbach, Amarillo, Tex.
Mrs. W. C. Kendall, Palestine, Tex.
Miss Kendall, Palestine, Tex.
R. C. Kerr, Houston, Tex.
A. G. Koehle, Sherman, Tex.
Mrs. H. Kuhlman, Jr., Houston, Tex.
E. J. Kyle, College Station, Tex.
Otto Lang, Dallas, Tex.
James Layton, Ft. Worth, Tex.
Frank McCabe, Chicago.
Mrs. D. H. McNaughton, Palestine, Tex.
P. C. Masson, Handley, Tex.
A. Millar, Dallas, Tex.
N. Neilson, Keene, Tex.
Louis Oesch, Dallas, Tex.
Mrs. L. Oesch, Dallas, Tex.
C. E. Papworth, Ft. Worth, Tex.
A. L. Perring, Houston, Tex.
J. A. Peterson, Cincinnati, O.
Mrs. W. A. Philpott, Bowie, Tex.
E. C. Pruner, Chicago.
Howard S. Royer, Philadelphia, Pa.
H. W. Schaefer, Dallas, Tex.
Hans Schroeder, Temple, Tex.
Charles Self, Jr., San Antonio, Tex.
Mrs. C. L. Steffens, Brownwood, Tex.
E. E. Stone, Dickinson, Tex.
Mrs. E. E. Stone, Dickinson, Tex.
J. G. Strong, Dallas, Tex.
Frank K. Stuppy, St. Joseph, Mo.
F. Trimmer, Dallas, Tex.
Robert Wehrle, Dallas, Tex.
Mrs. L. Wehrle, Dallas, Tex.
A. Woerner, El Reno, Okla.
Tom Wolfe, Waco, Tex.
R. W. Womack, Wills Point, Tex.
J. M. Yarborough, Gainesville, Tex.
Mrs. H. Zincke, Palestine, Tex.

MORSE'S EXHIBIT AT THE AMERICAN SWEET PEA SOCIETY'S SHOW, PANAMA-PACIFIC EXPOSITION, JUNE 11-13.

SECOND ANNUAL OUTING OF KNOXVILLE FLORISTS' SOCIETY AT KINZEL SPRINGS, TENN., JUNE 25.

Kansas City.

EXCELLENT JUNE BUSINESS.

The month of June was a record breaker for business, there being many weddings and receptions along with an unusual amount of funeral work. Stock came in heavy the past week but was in demand, and good in quality for this time of the year, especially gladioli, roses and lilies. There were some carnations on the market and very fine sweet peas, which are better than last week.

Henry Kusick & Co. report a very good week and stock coming in better. They are receiving some very fine Killarney roses and extra good Russell. Lilies and gladioli are still plentiful at this establishment, and some extra fine carnations are being received, which bring good prices.

Wm. L. Rock Flower Co. reports it is remarkable the way business keeps up, especially in funeral work. Hugo Ness has gone on his vacation to Colorado. Fred Fromholt is on his vacation at Bean Lake, fishing. Here's hoping he brings back the fish and not the usual fish stories.

Geo. M. Kellogg Flower and Plant Co. reports business as good and is receiving some very fine stock from the greenhouses. Miss Florence Fuller of this firm is going on her vacation to Mexico, Mo.

Miss Lou E. Boggess says business is very good. She is having a lot of funeral work. Miss Boggess is going on a vacation visiting Seattle, Portland and California for two months.

W. J. Barnes had one of the busiest weeks for this time of the year he ever had, both in funerals and weddings. He had seven wedding decorations on one day, June 30.

Mr. Hepting is bringing in some very good carnations, but expects to throw out his plants in a few days to make room for the new ones.

Miss J. E. Murray says business is excellent, especially in funeral work. Miss Grace Murray is going to Lincoln, Neb., on her vacation.

Alpha Floral Co. reports a week of good business. T. W. Atkins of this firm is going to Colorado Springs on his vacation.

John Colas has had a very good week's business, and is going to New York for one month.

Chas. Biederman & Sons say stock looks the best ever, especially asters and gladioli.

S. Bryson Ayers is bringing some good gladioli and sweet peas to the market.

Adolph W. Mohr reports the stock in very fine condition. E. J. B.

Knoxville Florists' Society.

The Knoxville Florists' Society held its second annual picnic June 25 at Kinzel Springs, a summer resort about 30 miles from Knoxville. A special train was chartered for the occasion, and all the florist stores closed for the day. The party was made up of the members of the society, their friends and relatives, and consisted of about a hundred persons. The society had several honorary guests, among whom were John Evans of Richmond, Ind., and Gunnar Teilmann, Jr., of Johnson City, Tenn.

The weather man, who has been giving us showers daily for the last month or so, was very considerate on "picnic day," and although it looked rather threatening early in the morning, the day was fair. The party ar-

rived at the picnic grounds about 9:30 in the morning and stayed until 6:00 o'clock in the evening. A bountiful dinner was served and everyone enjoyed the day very much; a number of contests were held before and immediately after dinner which took up considerable time, and a number of valuable prizes were awarded. After the contests were over the crowd spent the time in various ways, bathing, mountain climbing, kodaking, etc. The return trip was also enjoyed very much. It is believed that there was but very little business lost on account of the day's outing, as it was well advertiseed beforehand, and many customers gave their orders the day before. A. J. McNUTT,, Sec'y-Treas.

Washington.

MARKET ON THE DULL SIDE.

There is very little to say in regard to trade, as the bottom has completely dropped out of the market. As for stock, there are plenty of roses and sweet peas, which can be had at any price, while the few asters and dahlias that are in the local market are only fair in quality and consequently only bring a fair price.

NOTES.

The outing committee have decided to hold their outing at Great Falls this year and we hope that all the stores will give their clerks that afternoon off. The date is July 21—so don't forget it for this is going to be one of the best they have ever had with plenty of refreshments in both lines—wet and dry.

W. White, designer for Marche & Co., is enjoying a few days at Colonial Beach, which is the Atlantic City for Washington florists, as W. W. Kimmell and O. A. C. Oehmler have cottages there and will be opened this week for the summer.

Wm. Gude must have something to do during the summer, so he undertook the task of judging some real American "beauties" at a local beauty contest, which was held at Brightwood, July 5.

Marche Co. have their window decorated with a Swiss scene, which is attracting the public and calls for considerable comment as it is one of the neatest windows in this city.

Graner Bros., of Congress Heights, seem to be the only growers in this vicinity that have good Shasta daisies, which they have no trouble disposing of.

Geo. A. Comley is sending in some extra good gladioli, and as there is not an overabundance just at present, they find a ready sale.

Ed Schmidt has set aside one night, September 7, when he will be the host to the local florists and their friends at a crab feast.

Some of the florists have started to close at 6 o'clock throughout the week and a half day on Sundays during the summer.

George Gouldman, one of George Shaffer's clerks, is enjoying his vacation at his home, Fredricksburg, Va.

Visitor: M. Cohen, New York.

G. C. D.

Newport, R. I.

Flower sales in this city are curtailed to a certain extent by outbursts of generosity on the part of "my lady" in supplying her friends with surplus flowers from her garden, the gardener being ordered to give away the blooms, and which he often finds to be a bothersome and thankless job. The writer knows of one gardener in particular who had orders to give flowers to a "friend." When the friend was leaving, he consulted his chauffeur as to what would be a suitable gift to give the gardener who supplied him so generously with flowers, and the gardener got the whole amount of one bottle of whisky, which may have opened the gardener's eyes for the time being, but no doubt he is again "handing 'round the flowers as the doctor orders." This infringement on the florist trade is only one. Another is to have the gardener make up the flowers for the luncheons and dinners; then again it is the handy butler or ladies' maid, who the madam says has exquisite taste—the exquisite beggars who are always striving to put a feather in their nest by begging and arranging flowers to please "my lady," all to which one may say with Macbeth—"Out, damned spot."

On Bellevue avenue, and confined within a distance of 200 yards, are five florist shops, commencing with Wadley & Smythe's at the Casino entrance, then the establishments of Ralph Armstrong, Harry Bunyard, Gibson Bros. and H. G. Leikens. All are New Yorkers with the exception of Gibson Bros., who operate their store here the year round. These florists, being in such close proximity to each other, are responsible for handsome window displays, as they seem to vie with each other in tasty arrangements of their stock, and at the present time the abundance of garden flowers gives added possibilities to the decorator's skill, with the result that the flower stores on the avenue offer varied arrangements in their windows, beautiful to see.

Iris Hispanica (Spanish Iris) of the yellow and white kinds is being used here in the best window display. Their dainty, novel, orchid-like appearance command no little attention, and when massed in gardens are attractive. A sunny place in the garden, to one side, would be a good place to mass them as they are not attractive out of bloom. It may not be generally known that bulbous iris should be replanted every two or three years, as the new bulbs form directly under the old bulb and thus in the course of a few years descend so low as to be out of the reach of the air and incapable of vegetation.

It seems that the foggy weather early in June was the cause for changing the sweet pea show dates from July 8 to July 15. Let us hope that the change will benefit all and a fine show result, as anticipated.

The rose show has awakened quite a lively interest in outdoor grown hybrid tea roses and the chances are they will be grown more extensively here in the future. J. J. B.

Louisville, Ky.

The commencement orders this year were not as large as usual, the leading event being the graduation of 160 pupils of the girls' high school, which called for bunches of a dozen roses, arranged with asparagus sprays at $1 each. This order was divided among four florists and in consequence did not make anyone rich. The girls pooled their money and secured bids from all the florists.

Flowers of all kinds are in oversupply. Sweet peas of the best quality wholesale at 20 cents and 25 cents per 100, gladioli, while fine in quality, enjoy only a fair sale at 50 to 75 cents per dozen, and carnations are very poor and are very slow sellers. Roses of good quality bring an average price of $1.50 per dozen.

NOTES.

The Jacob Schultz Company, with a capital stock of $12,000, divided into shares of $100 each, has filed articles of incorporation in the County Clerk's office. The debt limit is $10,000. The incorporators, with their holdings, are: George E. Schultz, ninety-five shares; Anna B. Schultz, three shares; Mary Scheedy, ten shares; C. M. Quirey, four shares; Earl Rabe, three shares, and F. J. Rettig, five shares. Jacob Schultz will retain a separate interest and will continue to own and operate the greenhouses.

H. Kleinstarink has bought the houses of Julius Buser and has removed them to his range. He has torn down his old houses, and is building three new ones 25x175 feet, and is putting in concrete benches. He has also bought land adjoining his place.

A. Rasmusson is rebuilding several houses, and has nearly finished replacing all wooden benches with concrete. He has about nine acres covered with glass and is needing more room to expand. Ground in this vicinity is valued at $3,000 per acre.

The F. Walker Co. are building a house 20x90 feet. Miss Genevieve Walker leaves this week for New York, where she will spend several months studying art.

E. G. Reimers & Son have bought the place built by S. E. Thompson from H. Kleinstarink and will remodel it and put it in first-class condition.

Worcester County Horticultural Society.

The annual rose show of the Worcester County Horticultural Society was held in Horticultural hall, Worcester, Mass., June 24. Thousands of roses of every shade and variety were exhibited. A display of cut flowers by Edward W. Breed, president of the society, attracted considerable attention. The awards were:

H. P. roses—Edward Hall, first; Matthew J. Whittall, second.

H. P. roses, 20 vases—Matthew J. Whittall, first; Edward Hall, second.

H. P. roses, 20 vases—Mathew J. Whittall, first; Edward Hall, second.

Vase of H. P. roses—M. J. Whittall, first; E. Hall, second; Mrs. H. L. White, third.

H. P. roses, mixed—M. J. Whittall, first; Simon E. Fisher, second; Albert H. Bloss, third.

H. P. roses, best six assorted—Mrs. O. J. Putnam.

Campanula media—Hadwen Arboretum, first; Mrs. H. L. White, second; Miss Elizabeth Bishop, third.

Peonies—Mrs. Wesley C. Ward, first; Mrs. Edward Warren, second; Hadwen Arboretum, third; S. E. Fisher, fourth.

Hydrangeas—A. W. Hixon.

Dianthus barbatus—Mrs. H. L. White, first; Mrs. A. A. Metcalf, second; Hadwen Arboretum, third; Mrs. O. J. Putnam, fourth.

Foxgloves—W. E. Carey, first; Hadwen Arboretum, second.

Basket of roses—Mrs. P. G. Forbes.

Display of peonies—T. C. Thurlow's Sons, Inc.

Display of flowers—E. W. Breed.

Vase of poppies and carnations—Miss E. Bishop.

Display of roses—M. J. Whittall.

Eremurus—Mrs. J. L. Holmes.

R.

Providence, R. I.

Business the past week has been fair. The weather almost every day was either cloudy or rainy, and this somewhat held business up. Outdoor gladioli still come in good and are fine. Outside sweet peas are beginning to show up, but the rainy weather has held them back, and they will not hold inside the stores. Graduations are now over and the florists will have their dull season upon them once more.

John F. Wood will continue in business through the month of July, closing August 1, and will open in the fall in a new location.

Mrs. Olsen, of Riverside, is cutting sweet peas in large quantities that find a ready sale almost anywhere.

Fred Hoffman, of Pawtucket, has a new car. H. A. T.

Lake Forest, Ill.

The North Shore Horticultural Society was represented in the Fourth of July parade at Lake Forest by a float showing the goddess Flora surrounded by horns of plenty, and which received the first prize, a silver loving cup, being adjudged the best in the competition between a half a dozen or more in the float division. The color scheme of the float was pink and white, pink and white peonies and white daisies being the flowers chiefly used in the decoration. Flora, the goddess, was represented by Miss Agnes Bollinger. Children of members of the society on the float distributed small bouquets along the course of the parade.

At the last meeting of the society a tentative date for the annual flower show was set for Wednesday, July 28. This date, however, may be postponed until a later time in order to have entries of gladioli, a feature of the show last year. The exhibition will be held in the Durand Art Institute, as in the past, and a show equally as good, if not better, is assured. The floor managers will be Messrs. Alex Binnie and Benson, and the general committee will be E. O. Orpet, chairman; Frank Koehne, Otto Triebwasser, George Schaffer and Mr. Anderson. The harmful effects of delay in entering exhibits in other years is to be abolished this year by a ruling to the effect that no exhibits will be received for competition after 10 a. m. The material in Lake Forest, as well as in surrounding towns, is exceptionally good this year, so that a good exhibition with strong competition is assured. Mrs. Frances King's book, "Color in the Garden," is contemplated as a general prize, being a very useful book, and one not possessed by many gardeners. Whether or not gold medals will be continued as prizes this year has not yet been decided.

W. H. O.

Connecticut Horticultural Society.

This society held its regular meeting Friday evening, June 25, in the County building, Hartford. The committee in charge of the June flower show made its report, stating that they cleared about $80, all expenses paid, which they have turned over to the Union for Home Work. Much discussion was indulged in over the question af admitting an outside society into full membership as a branch of the Connecticut Horticultural Society, and it was finally left to the members to think the matter over, after which they would be better able to present their views, when the matter would be finally turned over to a committee to draw up definite plans for presentation to the society. Alfred Dixon, W. W. Hunt and Mrs. William H. Palmer were appointed a committee to draw up resolutions regarding the death of the late James J. Goodwin, one of our life members.

President Warren S. Mason, superintendent of the Pope estate at Farmington, had on exhibition a very fine collection of roses, comprising 45 varieties, the most attractive being specimens of Frau Karl Druschki, Ulrich Brunner, Cecile Brunner, Radiance, Margaret Dickson, John Hopper, George Arends and Nova Zembla. President Mason was much pleased with the growth made by this latter rose, stating that in his opinion it was equal to Margaret Dickson and Karl Druschki. Crimson Rambler, Dorothy Perkins, Gardenia, Silver Moon, Tausendschon, Philadelphia and Waterbury ramblers were in the collection of hardy climbing roses. W. W. Hunt, G. H. Hollister and Theodore Staudt were named as judges, and they awarded the exhibit of President Mason a first-class diploma and a smaller exhibit of H. L. Ritson received honorable mention.

Two life and twelve annual members were admitted to the society. Our next meeting will be held in September, the society taking the months of July and August as a vacation.

ALFRED DIXON, Sec'y.

New Orleans Horticultural Society.

Members of the New Orleans Horticultural Society held a meeting in the Association of Commerce building and presented a report of the proceeds of the recent flower show given for the "city beautiful" movement. The report up to date showed the receipts incomplete, but a final report will be made by the society at a subsequent date.

The receipts at present are $471.10, and the expenditures $455.64. The members of the association who exhibited at the show voted to add from their own private funds to this amount. This will be turned over to the various committees of ladies who helped to make the show a success.

P. A. Chopin, president of the society, presided, and Charles R. Panter, secretary, officiated in that capacity. The report was read by Joseph Steckler, chairman of the committee on arrangements. The annual outing of the society will be held in Mandeville, July 7.

Southampton, L. I.

Judges have been selected for the ninth annual show of the Southampton Horticultural Society, which takes place next month. Those chosen are: William McCollon of Islip, formerly gardener for S. T. Peters; John Canning, gardener for Adolph Lewisohn, Ardsley, and William Halsey of Southampton.

William Malcolm, David I. Gilmartin and O. C. Gardiner will pass on the vase competitions. Judges for the village street contest will be appointed by the Garden Club, of which Mrs. Albert Boardman is president.

OBITUARY.

August A. Voelker.

August A. Voelker, who since his early boyhood has been connected with the Voelker Greenhouses, Winona, Minn., died June 25, at a hospital at Rochester, Minn., where he had been for several weeks, under treatment for an attack of heart failure, aggravated by a severe cold. His death was entirely unexpected and came as a severe shock to his relatives and friends, especially to his mother, Mrs. Dora Voelker, who went to Rochester on that day to visit him, but arrived too late to see him in life. He was buried Sunday, June 27, in Woodlawn cemetery, Winona, and the mound was banked high with floral tributes.

August Voelker was 28 years old. He was reared in Winona and assisted his mother in conducting the Voelker Greenhouses until taken to Rochester for treatment, June 9. He is survived by his mother, a brother, Walter, of Kalispell, Mont., and a sister, Miss Dora Anna Voelker, who lives at home. The father also survives.

Otto Heinigke.

Otto Heinigke, a brother-in-law of John Weir, the well known florist, died, July 1, at his home, Bay Ridge, Brooklyn, aged 65 years. He was a well known designer and manufacturer of stained glass, having designed and manufactured all of the stained glass work in the Congressional Library, Washington, D. C., and many windows in the leading churches of New York.

FAR AND NEAR.

BEMIDJI, MINN.—W. A. Elliott has completed a new greenhouse range in the rear of his store known as the Fair.

CAMERON, MO.—Carl Claeson, who has been connected with the trade at Sedalia, Mo., has taken a position with the Ralph Ward greenhouses in this city.

PASS CHRISTIAN, MISS. — Gardens and field crops in this vicinity are suffering from hot, dry weather. Growers are handicapped by lack of water for irrigation.

FORT WORTH, TEX.—Tom Ross, well known in the local trade and recently connected with the seed department of Baker Bros. Co., has gone to New Orleans to engage in business.

NEW HARTFORD, N. Y.—About 20 exhibitors were represented at a successful peony show given here June 15, under the auspices of the Central New York Horticultural Society.

PAWTUCKET, R. I.—R. L. Hogan has purchased the greenhouse on the estate of the late John W. Hogan, together with four pieces of real estate. The price paid was $4,475.

PHILADELPHIA, PA.—An eighteen-acre tract at Ashland and Elmwood avenues has been purchased by J. W. Colflesh & Sons, who will erect a residence and a range of houses upon it.

CLEVELAND, O.—This city is facing a new scourge to plant life. Billions of aphides are beating the tussock moth and army worm here as a menace to plants, shrubs and small trees.

ALBION, MICH.—The greenhouses of Carl Jacobs, near this city, have been sold by him to F. E. Hubert, of Parma, who will take possession as soon as the present lettuce crop is harvested.

STERLING, ILL.—Harry Bent has sold his flower shop in the Randolph building to Robt. Lundstrom, proprietor of the Sterling Floral Co. The store will be closed and the stock removed to the company's greenhouses.

CLINTON, ILL.—Sylvester Grimsley is having plans prepared for a greenhouse to be erected on his property, at a cost of $5,000. The tentative plans for the new building show a structure 50x125 feet in dimensions.

ALAMEDA, CALIF.—Claiming that he was swindled by Otto Witt, who represented the floral business at 1419 Bay street as flourishing, and induced him to invest $500, R. F. Dunleavy of this city has filed suit to have the partnership dissolved.

TRUMBULL, NEB.—To enable florists to have three days in which to prepare for Memorial day business, Herbert F. Warren of this city has started a movement to have Memorial day changed from May 30 to the first Thursday in June of each year.

BRAMPTON, ONT.—The Dale estate reports the usual volume of spring business. Roses Ophelia, Killarney Brilliant, Double White Killarney, Double Pink Killarney, Lady Stanley, Shawyer and Russell, are grown in quantities. A fine crop of cattleyas is also coming on.

HOUGHTON, MICH.—Anton Then of Chicago, fern grower and prominent florist, is here, coming to Calumet for the purpose of gathering leaf mold and rotted pine needles. He expects to obtain about a carload of the leaf mold here and has a number of expert workmen at Ojibway gathering it for him.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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Personal.

Prof. H. B. Dorner, of the department of floriculture, and Miss Anna Viola Simon, instructor in the music department, of the Illinois State University, were married June 29.

Ladies' Society of American Florists.

Will correspondents of florist trade papers please omit using the above society's name "in relation to private or local clubs"? There is only one Ladies' S. A. F. As yet no member in California has been authorized to transact business for the Ladies' S. A. F. MRS. C. H. MAYNARD, Sec'y.

President Welch Starts Early.

President Patrick Welch advises that owing to his presence being required at San Francisco a few days in advance of the opening of the annual convention of the Society of American Florists, he will start for the convention city a few days earlier than was at first planned, leaving Boston, August 4 (Boston & Albany R. R., train No. 41) at 10 a. m., Albany, August 4. (New York Central, train No. 15) at 4:25 p. m., Buffalo, August 4 (Lake Shore, train No. 15) at 11:00 p. m., central time, Chicago, August 7 (Chicago & Northwestern Ry., train No. 13) at 10:30 a. m.

President Welch will be pleased to have any members or trade friends join him on the trip and will be glad to hear from those who contemplate starting about this time.

N. Y. and N. J. Ass'n of Plant Growers.

Members of the above named association, after a strenuous and most profitable season, took advantage of a beautiful day, June 29, and under the leadership of their energetic and affable president, Abraham Lincoln Miller, took their annual Long Island outing. The start was made from Secretary W. H. Siebrecht Jr.'s law office, Queen's Plaza, at 3 p. m. After a journey through picturesque landscapes and other features, they completed the first stage of their trip at Feltman's Coney Island, where a fine shore dinner was awaiting them.

The chief guides of the numerous automobiles, which were elaborately decorated, were: A. L. Miller, W. H. Siebrecht, Jr., Edward Dupuy, Julius Roehrs, and Harry Baumann. Julius Roehrs was dubbed "Peck's Bad Boy" for continually running away and setting an unfortunate pace for himself. During the entire trip there were only three blowouts; two on the machines and one at a place, the name of which was forgotten. Among the many who made the trip were H. Baumann, Madsen & Christensen; Paul Fischer, Lehnig & Winnefeld; Peter Wagner, Roman J. Irwin, H. Siebrecht, Herman Schoelzel, H. C. Steinhoff, Charles Schenck, Harry A. Bunyard, T. B. De Forest, A. L. Miller, W. H. Siebrecht, Sr., W. H. Siebrecht, Jr., Chas. Schwake, Julius Roehrs, Edward Dupuy, Louis Dupuy and Alfred Zeller.

A. F. F.

American Dahlia Society.

The executive committee of the American Dahlia Society, presided over by the president, Richard Vincent, Jr., met at the office of the secretary, Joseph J. Love, New York, June 26. Names of applicants for membership were presented and finances reported in good condition.

President Vincent produced a tentative schedule of premiums, which was adopted with a few amendments as far as it was possible to do so, as many of the parties offering prizes had not stated the amount they would give, and others are still to be heard from. The prospect being good for prizes, etc., advertising matter was ordered printed and distributed. There was a discussion regarding some publication or treatise on the list of varieties, their growing, etc., as soon as practicable.

A statement made concerning the different trial grounds was favorable to a number in different sections of the country.

In a discussion regarding the fall flower show, strong objections were raised toward holding this exhibition at the Bronx park museum. The committee as a whole decided to request the New York Horticultural Society's council to obtain for the society the American Museum of Natural History if possible. An offer was received from the Pennsylvania Horticultural Society of its hall in Philadelphia. After a noon adjournment the members of the committee re-convened in the afternoon and met the New York Horticultural Society's council and a general discussion as to holding the dahlia show in the Bronx park museum followed.

The undesirability of the Bronx was discussed both in regard to the inconvenience of getting the exhibits there as well as the question of drawing a justifiable audience, which appears rather doubtful.

The possibility of securing the Museum of National History was then brought up and the council promised to try and secure that building and to let the executive committee know within the next three or four days, if it could be secured for September 23-25. The abuse of privileges by a former society in distributing circular and business advertising during the show, was an objectionable feature. The dahlia society's committee pledged themselves not to do this, or allow it to be done by any firm exhibiting.

The New York Horticultural Society's council agreed to donate $100 towards premiums.

Grand National Flower Show.

The premium list is out for the Grand National Fall Flower Show, to be held under the auspices of the Pacific Coast Horticultural Society in conjunction with the Chrysanthemum Society of America and the Department of Horticulture of the Panama-Pacific International exposition, at the Palace of Horticulture, Exposition Grounds, San Francisco, Calif., October 21-26, 1915. Copies may be had on application to Secretary T. Taylor, 2714 McAllister street, San Francisco, Calif.

Railway Gardening Association.

The annual meeting of the Railway Gardening Association will be held at the Hotel St. Clair, Detroit, Mich., August 17-20. The programme will include papers as follows: "Soils and Fertilizers," by J. K. Wingert, of the Cumberland Valley; "Lawns and Banks," by J. A. Byrne, of the Baltimore & Ohio; "Plants," by C. W. Eichling, of the Queen & Crescent; "Diseases, Insects and Other Injuries," by E. A. Richardson, of the Boston & Albany; "Equipment and Operation," by F. C. Stark, of the Pennsylvania Lines, West, and "Hedges," by F. W. Vail, Central of New Jersey.

Not Very Steady.

A farmhand had worked in the field from dawn till darkness, doing chores by lantern light. "I'm going to quit," he said to the farmer at the end of the month. "You promised me a steady job."

"Well, haven't you got one?" was the astonished reply.

"No," said the man, "there are three or four hours every night that I don't have a thing to do and fool my time away sleeping."—National Monthly.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—As a working foreman; can produce No. 1 stock and handle help, etc.; single; sober. Key 519, care American Florist.

Situation Wanted—By good saleslady and designer; can furnish the best of references. Address Key 527, care American Florist.

Situation Wanted—Florist wants work on South Side; greenhouse preferred.
HERBERT S. MACE,
147 Lafayette Ave., Chicago, Ill.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address
Key 529, care American Florist.

Situation Wanted—By all-'round florist, designer; German; single, 25; 10 years' experience; good references; state wages.
W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—Specialist in roses carnations, 'mums, pot plants and general greenhouse stock; also first-class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Good salesman is open for engagement in Chicago retail store, or any other good live town in the middle west. State full particulars and salary in first letter.
Key 504, care American Florist.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address
Key 525, care American Florist.

Situation Wanted—By young man, first-class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative, ability and ambitious. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By an excellent grower, principally cut flowers, greenhouse manager and constructor, landscape gardener and good in "making up," also designer and decorator; wishes position in Central U.S.; age 44, Swedish, American citizen; 16 years' actual experience; married, but no children; first class references; good reason for changing position. Address
CARL CLASSON, Sedalia, Mo.

Help Wanted—An experienced grower at once. Will write particulars. Address
Key 534, care American Florist.

Help Wanted—Saleslady and designer for Chicago loop store. Address
Key 521, care American Florist.

Help Wanted—Man that can do painting and glazing; several months' work. Address immediately, T. L METCALFE, Hopkinsville Ky.

Help Wanted—A grower with commercial experience, married man, small family. Salary $700.00 to $800.00 per year and quarters.
A. T. ERWIN, Iowa State College, Ames, Ia.

Help Wanted—Two single young men to grow chrysanthemums and other pot plants. Must understand the business thoroughly, and take charge. State salary and experience.
METAIRIE RIDGE NURSERY CO., LTD.,
New Orleans, La.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address
Key 533, care American Florist.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

For Sale—By July 15, 1915, to close up an estate, a greenhouse stock of plants now located at Danville, Illinois. For particulars address
MRS. H. P. PHELPS, Princeton, Ill.

For Sale or Lease—Eight greenhouses, five acres of land; an old established retail business; an excellent proposition for young hustlers.
JOHN N. BOMMERSBACH, Decatur, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Retail flower business. Good opportunity for live wire, either lady or gentleman. Increased 50% over last year. Low rent. Best flower town in country. Address
Key 528, care American Florist.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new, including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

For Sale—Greenhouses: 13,000 ft. of glass; Moninger houses. Well stocked with a general line; best location in state; a good paying plant; liberal terms; retiring from business; a splendid opportunity. For particulars address
Key 531, care American Florist.

For Sale—A beautiful retail florists store. Dandy location. City central west, main street No other store within a mile. One block from large school for girls. $200.00 ice box. On account of death, selling cheap for cash Low rent. Address Key 532, care American Florist.

FOR SALE.

Floral and landscape gardening business on Massachusetts South Shore, catering to high-class summer population of 5000. Greenhouses comprising over 15000 sq. ft. glass; 2 acres land; large modern house; 2 minutes from station. $5000 cash, balance easy terms. Good chance for live man to extend business. Established 20 years. Apply
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Boiler Bargain

2 No. 100 Oil City firebox boilers, capacity 4000 ft. steam or 6000 ft. water. 2 years old, as good as new. These boilers need no brickwork. Will sell them cheap. **E. J. RYAN,**
545 W. Lake St., Chicago.

OFFICIAL S. A. F.

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Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

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A large Eastern **MAIL ORDER SEED HOUSE** will sell their entire business, consisting of mailing list of over **350,000 Live Names,** Seed Stock, Printing Matter, Catalogue Cuts and full office and seed equipment. FIRM is INCORPORATED and established number of years. Doing business throughout the UNITED STATES, CANADA and FOREIGN COUNTRIES.

Ill health and private business are reasons for selling.

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Any man, men or firm interested in an old established Seed Business, and with sufficient capital, should interest themselves in this business, which can be bought for less than half what it cost to bring it to its present condition. FIRM will CORRESPOND WITH AND SEE PARTIES ONLY who show a desire to purchase such a business. Never a better time to enter the Mail Order Business than now. ADDRESS KEY 530, CARE AMERICAN FLORIST.

Greenhouse Construction

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It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

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Extra quality flowers. Long stems.
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LILY OF THE VALLEY
Fancy, per 100.....$4.00
2nd 3.00
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Fancy, per 100 .....$2.00
Medium, " 1.50
Seconds, " 1.00

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Per 1000.....$1.50
3000 to 5000 at..... 1.25

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FLOWERS FOR TRIMMING
Assorted lots.....$1.00 and up

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Daisies, white and yellow	1.00
" Shasta	1.00 to 2.00
" Field, extra fine	.30
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Coreopsis—Gaillardias	.75 to 1.00
Peonies	4.00 to 6.00
Smilax,	doz. $2.00
Plumosus	2.00 to 3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00
Galax, per 1000	$1.25 .15
Mexican Ivy, per 1000	6.00 .75

American Beauti
Pe
Specials, 48-60 in.....
36 in.....
30 in.....
24 in., young stock.....
20 in., " " per 100, $10.0
18 in., " " " " 8.0
Shorter, " " " " 3.0
$4.00, $6.00.

Mrs. Chas. Russe
48 in., per doz.....
40 in., "
30-36 in., "
24 in., "
20 in., "
Shorter " $3.00, $4.00, $6.0

Hoosier Beauty, HADLEY, OPHELIA, SUNBURST, BRILLIANT	Per 10
Long	$8.00 to
Med.	
Short	

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia sto

Florists' Supplies

SPECIAL 40% JULY DISCOUN

On all orders for wire designs amounting to $10.00 or over.
Place an order with us and be sure of delivery.

12 Bales of Moss - - - $10.0
Magnolia Leaves, per box - 1.2
Cycas Leaves, assorted sizes, 12 to 44 in., per 100 7.0

New Catalog Now Ready

Write for one. A postal will do. Bigger and better than ever.

N BROS. CO.

g Distance Phone, Randolph 35. **CHICAGO, ILL.**

Bedding Plants

	100	1000
ıias, Luminosa and Vernon for dding, 2¼ in.	$ 2.50	
n	5.00	
ıia, Chatelaine, 2¼ in.	3.50	
n	8.00	
n	15.00	
ums, Fancy Leaved (Summer livery) 5 and 6 in. pots. 35c, 50c, :, $1.00 and $1.50 each.		
ieraniums, strong, 3 in.	5.00	
ı	8.00	
as, for Bedding & Hang. Baskets.		
as, Speciosa, Crystal Palace and dding Queen, 2¼ in.	2.50	$22.00

	100	1000
Primulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in.	$3.00	
3 in.	5.00	
Petunias, single fringed, all colors, 3 in.	5.00	
4 in.	8.00	
Salvia, Bonfire and Zurich, from cuttings, 3 in.	5.00	
4 in.	8.00	
Smilax, strong new stock, 2¼ in.	2.50	$23.00
3 in.	6.00	50.00
Torenia Fourneri, Blue, 2½ in.	2.50	
3 in	5.00	
Verbenas, all colors, 2¼ in.	2.50	23.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in.	2.50	

Hanging Baskets planted with:
Sprengeri, Boston and **Vincas.**
Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.
Crotons, 3 in. at 25c each. 4 in. at 35c each. 5 in. at 50c to 75c each.
Pandanus Veitchi, highly colored, 4-in., 50c; 5-in., 75c; 7-in., $1.50; 8-in., $2.00; 10-in., $4.00 each.
Araucarias, Robusta Compacta, large plants, $2.50 each.
Crotons, well colored in all varieties, extra fine, 50c to 75c each.

	per 100	per 1000
Asparagus Plumosus, 2¼ in.	$ 3.50	$30.00
3 in.	7.00	65.00
4 in.	12.00	115.00

Sprengeri and Boston Hanging Baskets for July, $1.00, $2.00 and $3.00 each.

stern Headquarters. Strong, clean ıd healthy stock.

PALMS

Largest supply of choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana

Single Plants

			Each
pots,	5 to 6 leaves,	18 in. high	$0.40
	$4.50 per dozen.		
pots,	6 to 7 leaves,	24 in. high	1.00
pots,	6 to 7 leaves,	28 to 30 in. high	1.50
pots,	6 to 7 leaves,	32 to 34 in. high	2.00
pots,	6 to 7 leaves,	36 in. high	3.00
tubs,	6 to 7 leaves,	38 in. high	3.50
tubs,	6 to 7 leaves,	48 in. high	5.00
tubs,	6 to 7 leaves,	58 to 64 in. high	7.50

Specimens, $15.00 to $50.00.

Kentia Forsteriana

Single Plants

pots,	5 to 6 leaves,	18 to 20 in. high	$0.40
	$4.50 per dozen.		
pots,	5 to 6 leaves,	28 to 30 in. high	1.00
tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
tubs,	6 to 7 leaves,	5 ft. high	6.00
tubs,	6 to 7 leaves,	5 to 5½ ft. high	8.00
tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Kentia Forsteriana

Made-up Plants

			Each
6 inch pots,	3 plants in a pot,	24 to 26 in. high	$1.25
7 inch pots,	3 plants in a pot,	28 to 30 in. high	2.00
7 inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs,	4 plants in a tub,	38 to 40 in. high	3.00
8 inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs,	4 plants in a tub,	50 in. high	5.00
8-inch tubs,	4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00

Strong specimens, in 15 inch tubs. 5 plants, $15.00, $18.00 and $25.00 each.

Kentia Belmoreana

Made-up Plants

6-in. pots	3 plants in a pot	24 in. high	$1.50
7-in. pots	3 plants in a pot	38-40. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Phoenix Roebelenii

	Each
4 inch pots, nicely characterized	$0.50
7 inch pots, 22 in. high, 30 to 32 in. spread	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread	2.50
8 inch tubs, grand specimens	3.50
10 inch tubs, grand specimens	5.00

Areca Lutescens

6 inch pots, 3 plants in a pot	1.00
7 inch pots, 3 plants in a pot	2.00
8 inch tubs, 5 plants in a tub	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves	1.00
Variegated, 5 inch pots, 10 to 12 leaves	1.50

Dracaena Massangeana

5 inch pots	.75
6 inch pots	$1.00 to 1.25

Dracaena Godseffiana

2 inch pots.....$1.00 per doz.; $8.00 per 100

Grafted and Own Root Rose Plants

ern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

Grafted, 2½-inch, at $100.00 per 1000.
Killarney — Hadley — Shawyer — Cecile Brunner
ıey Brilliant — Bulgarie — Mrs. Chas. Russell, $130.00 per 1000.

Own Root, 2½-inch, at $55.00 per 1000.
ie — Hadley — Milady — Richmond

Grafted, 3½-inch, at $140.00 per 1000.
Killarney Brilliant — Hadley — Milady — Cecile Brunner — Bulgarie

Own Root, 3½-inch, at $90.00 per 1000.
Pink Killarney — Hadley — Milady — Cecile Brunner — Bulgarie — d'Arenberg

Field Grown Carnations, as long as they last, $6.00 per 100; $55.00 per 1000.

CHRYSANTHEMUMS.

ſeadquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

he Two Best Varieties Ever Offered.

	Per 100	Per 1000
Aarvella French, late white	$8 00	$70 00
Pauline Anderson, late yellow	8 00	70 00

these varieties scored 94 points by judges Chrysanthemum Society of America, at o, and both scored 95 points by the judges Minnesota State Florists' Association, at ıpolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
Virginia Poehlmann	2 50			
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Bonnaffon	2 50	22 00	3 00	27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞**SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

SUMMER ROSES.

We make a specialty of growing roses best adapted to hot weather and recommend the Rhea Reid, Ophelia, Sunburst, Richmond and New Beauties.

FANCY LILIES.

75 cents per dozen; or, if ordered in lots of 50 or more, at the rate of $5.00 per 100.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems	$3.00
Extra long stems, seconds	1.00
30 in. stems	2.00
18-24 in. stems, New Beauties	$1.00 to 1.50
Shorter lengths	per 100, $3.00 to $6.00

Russell	Per doz.
Extra long	$1.50
Good medium	$0.75 to 1.00
Short	.50

Ophelia, Rhea Reid, Bulgarie and Shawyer	Per 100
Extra long	$6 00 to $8.00
Medium	4.00 to 6.00
Short	3.00

Cecile Brunner.....per bunch, 25c

White and Pink Killarney and Richmond	Per 100
Long	$6.00
Medium	$4.00 to 5.00
Short	3.00

Yellow Roses, Hillingdon and Sunburst	
Long	$ 6.00 to 8.00
Medium	4.00 to 5.00
Short	3.00
Choice EASTER LILIES	75c per doz.
LILY OF THE VALLEY	3.00 to 4.00
ASPARAGUS SPRAYS and SPRENGERI	3.00
FERNS, new Wisconsin	1000, $1.50
ADIANTUM	1.00
GALAX, bronze and green	per 1000, $1.00

ROSES in lots of 500 or more at the rate of $20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during June, July and August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

STOCK OF ALL KINDS PLENTIFUL.

Stock of all kinds is plentiful and is selling at rather low prices, but the demand at this writing is better than it has been for the past week, which was the quietest that has been experienced for some time. The shipping trade has been good, but the local demand did not amount to very much. Some fine Hoosier Beauty roses are arriving in fairly good supply, but this variety cleans up quickly each day at very good prices, considering the general market conditions. There has also been a good demand for Mrs. Chas. Russell and Ophelia roses and for Double White Killarney, which appears to give best satisfaction during the summer months. Prince de Bulgaria and My Maryland are also having a pretty good call, but taken all in all roses are not selling at the prices that they should and this holds good for almost all the varieties. Carnations are still seen, but the supply has shortened up considerably the past week. Orchids and gardenias are in good supply and the same holds good for lily of the valley and lilies. Gladioli are arriving in large numbers, but are not selling any too well. Asters are more plentiful, but clean up pretty well each day. Peonies are to be had, and there is enough stock in storage yet to last at least three more weeks. American Beauty roses are seen at all the stores in large quantities and some very choice stock is obtainable at very reasonable prices. Sweet peas are still a factor in the market and fairly good stock is obtainable at times. The principal topic of conversation in the market now is the coming S. A. F. convention at San Francisco, August 17-19, and from present indications it appears as if there will be a pretty good delegation from this city.

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

BEST AND CHEAPEST
ANY QUANTITY
LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

NOTES.

The picnic committee of the Chicago Florists' Club held a meeting at the Bismarck hotel, June 30, when final arrangements were completed to hold the annual outing at St. Paul Park, Sunday, July 25. W. J. Keimel, Michael Fink, Paul Klingsporn, Peter Olsem, James Morton and E. A. Ollinger, members of the committee, were present and will leave nothing undone to make the event a success and guarantee everyone a good time. B. Zima's orchestra has been engaged to furnish the music for the dancing and there will be a complete list of sporting events including a ball game. Any firm desirous of donating a prize to the sporting events should send same as early as possible to Michael Fink, 176 North Michigan avenue.

H. P. Gardner, with A. T. Pyfer & Co., will leave July 16 with the First regiment, Illinois National Guard, and regiment band, for San Francisco, Calif., where they are going as military escort to the Illinois Boosters, who will attend the Panama-Pacific exposition in a body.

Wm. C. Lodder, with J. Lodder & Sons, Hamilton, O., visited the wholesale market this week, after which he left for a visit at Winnipeg, Can. From Winnipeg he will journey to San Francisco, Calif., to take in the sights at the Panama-Pacific exposition.

Harry Arnold, with O. A. Tonner, will leave soon to spend his vacation at Eagle, Wis., and will stop off at Mosinee to visit Rosin & Turner and R. E. Dodge, the well known fern dealers.

W. N. Rudd and daughter Phyllis left July 6 for Wisconsin, where they will spend two weeks fishing.

HOME GROWN
PEONIES
Best Obtainable.
Everything in Cut Flowers and Greens.
O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

NICE CROPS OF ROSES

RICHMOND--OPHELIA--RUSSELL

Also choice American Beauty, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower. **Current Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$3 00
36-inch stems	2 50
30-inch stems	2 00
24-inch stems	1 50
15 to 20-inch stems	1 00
Short	$0.50 to 75

		Per 100
Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Extra select	$7 00
	Select	6 00
	Medium	5 00
	Short	$3 00 to 4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$1 50
Select	1 00
Medium	75
Short	50

	Per 100
ROSES, our selection	**$3.00**
Carnations	**$1.00 to $3.00**
Harrisii	10 00 to 12 50
Peonies	4 00 to 8 00
Valley	3 00 to 4 00
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$2 00 25

2,000,000 Feet of Modern Glass

BEAUTIES-ROSES

PEONIES-LILIES
CARNATIONS-VALLEY-ORCHIDS
GLADIOLI-FERNS-ETC.

Supreme quality stock at reasonable market prices. Order here.

A. L. VAUGHAN & CO.

161 N. Wabash Ave., (NOT INC.) TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

Jimmy Anderson stole a march on his many friends here this week when he was quietly married at Uniontown, Pa., to one of the prettiest young ladies living. Felix Reichling is distributing several boxes of cigars which were left in his charge to the boys in honor of the event.

Miss Greeley, formerly with the A. L. Randall Co., has accepted a position with the John Kruchten Co. and will assume charge of the office in the near future.

P. J. Foley, of the Foley Greenhouse Mfg. Co., is attending the Texas State Florists' Association annual convention and exhibition at Ft. Worth this week.

Fred Longren and wife were the guests of H. C. Blewitt and Harry Blewitt and wives at Des Plaines, July 4, when they had a most delightful time.

The Garland Manufacturing Co., Des Plaines, has received an order for another range of Garland houses from George Valker, Minot, N. D.

Anton Then returned for the Fourth, July 3, from Michigan and reports peonies and other stocks looking well there.

USE **Budlong's** Blue Ribbon Valley.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
BEAUTIES-ROSES-CARNATIONS

John Mangel, the Palmer House Florist, George Economopolus, of the Alpha Floral Co., and Andrew Chronis, with Johns & Chronis, took in the sights at Poehlmann Bros. Co.'s greenhouses at Morton Grove, July 1, making the trip with John Poehlmann in his Winton Six with John Poehlmann, Jr., at the helm. On the return trip a stop was made at Andrew Chronis' handsome new home in Wilmette and John Mangel's residence on Sheridan road. Both gentlemen have magnificent places and take great pleasure in showing their guests about. George Economopolus also expects to have a splendid place to entertain his friends soon, according to Andrew Chronis, who still insists that the beautiful young lady who nursed the good natured gentleman back to health is going to be the lucky bride.

Poehlmann Bros. Co. is having a good call for palms this month, and has a nice stock for one to select from. H. M. Oeser has charge of this department, and that he knows his business thoroughly can readily be seen after one has the pleasure to inspect the place. Tony Gabel, who has charge of the carnation department, says that over 200,000 plants are being benched and that the work is almost completed. Over 60,000 chrysanthemums in the sand are ready to be potted this week and a nice lot of stock in all the leading commercial varieties is still on hand and ready to be shipped out.

At Peter Reinberg's greenhouses Emil Reichling and his force are busy planting carnations and now have the work pretty well under way. The plants seem to have done very well out in the field this year and the stock benched was healthier and larger than ever before. Peter Baumann, of the store force, leaves this week to spend his vacation at Niles Centre with his parents. Felix Reichling and L. Hoeckner made a trip across the lake last week on the new passenger steamer St. Joseph, when they were the guests of the proprietors.

At the annual meeting of the stockholders of the Chicago Flower Growers' Association, held at 176 North Michigan avenue, July 6, much important business was transacted and officers for the ensuing year were elected as follows: Edward Muret, president; Charles McCauley, vice-president and treasurer; George Weiland, secretary, and Paul Klingsporn, manager. The board of directors consists of Fred Stielow, Fred Schramm, Anton Then, Rudolph Ellsworth, Joseph Schoos and the president, vice-president and secretary.

Herman Rogers, Weiland & Risch's obliging salesman, and wife, left July 3 for Detroit and Spring Lake, Mich., where they will spend several weeks visiting with friends and relatives. They made the trip in Alec Rogers' car, who, by the way, will be remembered by many, for he was at one time engaged in the florist business here when he was then better known as "Sammy."

Joe Schouten, with the Ernst Wienhoeber Floral Co., is having a dandy time with his new Ford.

Percy Jones' store force, consisting of Manager Van Gelder, Fritz Simons, Maurice Grossberg, Luke Schrer and J. Jonovz, have organized a relay team and challenge any wholesale house in this city to compete with them at the big picnic to be held at St. Paul Park, Morton Grove, Sunday, July 25.

Ed. Siebrecht, genial salesman of the Fleischman Floral Co.'s staff, departed, July 3, vacation bound for the Northland. A number of his friends are wondering what the fair lady's name is in Grand Forks, N. D., and if he will "pay double mileage" on the return trip.

Fred Ottenbacher, of the Zech & Mann force, will leave July 10 to enjoy a well earned rest. He is undecided whether he will attend the Panama-Pacific exposition at San Francisco, Calif., or spend a few weeks fishing in the Georgian Bay regions.

At Wietor Bros.' store roses are arriving in good condition, especially Killarney, which is showing fine color. N. J. Wietor says that the carnations out in the field are doing splendidly this year and plants are all that can be desired.

Miss Charlotte Paradise, with A. L. Vaughan & Co., is spending her vacation at Marquette, Mich., during home-coming week, so Mr. Vaughan is doing double duty at the store during her absence.

Bassett & Washburn are cutting a nice supply of Mrs. Chas. Russell roses, which are moving well at good prices. Mrs. Horton is looking after affairs at the store during Mr. Washburn's absence.

Miss Powers, with Ronsley the Florist, South Dearborn street, has returned from a delightful outing at Diamond Lake and is again attending to her duties at the store.

J. A. Budlong is having a brisk demand for Double White Killarney roses, which this firm is cutting in quantity and which are cleaning up nicely each day.

Eddie Hauswirth, with Archie Spencer, is recovering from a severe case of blood poisoning which affected both of his hands and was caused by handling roses.

The Chicago Florists' Club will meet at the Hotel Bismarck, Thursday, July 8, at 8 p. m. when the banquet celebrating the consolidation of the clubs will be held.

George Fischer moved into a new store at 179 North Wabash avenue this week, which is one door south of Miller & Musser's wholesale establishment.

B. Zima, W. Vlk, John Michal, Joseph Ziska, Jr., John Ziska and several others are thinking seriously of holding a Bohemian picnic in August.

John Prickett and Arthur Blewitt autoed to Elgin with their families July 4, returning to their homes in Des Plaines the same evening.

John J. Wolniewicz, North Claremont avenue, has recovered from his recent street car accident and is able to be about again.

M. C. Gunterberg is back from a delightful automobile trip with her parents through the southern part of the state.

Al. Miller, who is employed at the George Wittbold Co.'s North Clark street store, was married June 30.

Miss Nettie Parker, with A. T. Pfyer & Co., spent July 4 with Miss Frieda Gebhardt at Lake Geneva, Wis.

Plans for the new Grant Park were placed on exhibition in Blackwell hall, Art Institute, July 7.

Fred Morphett, with A. Henderson & Co., is enjoying a well-earned rest this week.

Eddie Wojtkiewicz, with Kennicott Bros. Co., is spending his vacation in Michigan.

Illinois day at the Panama-Pacific exposition is July 24 and Chicago day July 27.

John Brodbeck, of Evanston, is back from a delightful four-day lake trip.

Visitor: A. E. Kunderd, Goshen, Ind.

SUMMER
ROSES
Large supply of choice stock in all the leading varieties including Mrs. Chas. Russell and Ophelia.
EVERYTHING ELSE IN CUT FLOWERS AND GREENS
Play Safe—Order Here.
CHICAGO FLOWER GROWERS' ASSOCIATION
Wholesale Growers of Cut Flowers and Plants
176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

USE Budlong's Blue Ribbon Valley.

ROSE BUYERS

are steadily realizing that there is only one **white rose** on the market in summer that gives satisfaction and that particular variety is

Budlong's Double White Killarney

which has several strong features, viz: Full flower, heavy foliage, better keeper and shipper and last but not least it is whiter than the common strain of White Killarney.

HIGH GRADE VALLEY--HARRISII--SMILAX

BESIDES ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

St. Louis.

The weather the past week has been warm, with showers. At time of writing it is cool and clear. The opening of a new bank used up a few flowers. All kinds of stock is plentiful and prices are low. Those who have an abundance of funeral work can afford to put up good work at a very moderate cost. Fancy ferns are now selling at $2 per 1,000. Asters, light pink variety, are coming in.

NOTES.

Albert W. Gumz, of the Windler Wholesale Floral Co., and Miss Estelle Sties were married June 20. They left for Hamburg, Mo., and Wentzville, Mo., to spend their honeymoon. They will also visit Cincinnati and Chicago. Congratulations are now in order. Al is well known and liked in the trade and has a bright future.

The city forester has prescribed that residents of this city hereafter plant sycamores on their lawns and street fronts, instead of maples. The prescription comes after the recent storms which damaged the maples to a great extent. Sycamores, it is explained, are more hardy and less liable to damage in a storm.

We regret to announce the death of Mrs. M. P. Schray, widow of the late Wm. Schray, and mother of Emil Schray, of heart disease, June 28, age 74 years. Her funeral took place June 29 and was largely attended. The floral offerings were numerous.

In the Italian garden at the Missouri botanical garden are 85 orange trees in bloom. The main gardens are especially attractive just now. One object of especial interest is the varnish tree, now a mass of yellow blossoms.

The local florists' club will meet Thursday, July 8, at the Odd Fellows' hall. The feature will be the nomination of officers. Final arrangements for the annual picnic, July 22, will also be made.

Ostertag Bros. were very busy with funeral work June 27. Henry has sold his large automobile and has purchased two Ford touring cars, and is having a truck made for delivery purposes.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

W. S. Wells, proprietor of the Wells Floral Landscape Co., has closed the establishment and accepted a position as keeper of grounds at Washington University.

Mullanphy Florists had the bridal bouquet for the wedding of Champ Clark's daughter. It was of orange blossoms and lily of the valley.

F. H. Weber reports trade very good. He will shortly commence painting and fixing up greenhouses and store room.

The Cass Avenue Florist is putting up some very pretty fancy plant stands, which appear to sell well.

Jule Beneke had a happy family reunion at his residence, July 2, to celebrate his fifty-ninth birthday.

Shaw's Garden has a special display of roses this week.

O'Leary, the Florist, reports good trade.

W. F.

Spokane, Wash.

Former members of the Spokane Horticultural Society met Friday night, June 25, in Reimer's hall, 807½ Riverside avenue, with a view of reorganizing to give a flower show the last week in August. R. C. Jones was selected temporary chairman and C. Herbert Moore announced that the chamber of commerce would support the organization in making the show a success.

WALTHAM, MASS. — Ten thousand rose plants, which have been growing in their houses, will be given to the public by Peirce Bros.

SPRINGFIELD, MO.—The most elaborate floral display ever seen in this city was shown at the opening of the Landers building, June 19. J. W. Stokes, in charge of a staff from the Stokes Floral Co., had charge of the decorations.

ZECH & MANN

THE ALWAYS RELIABLE WHOLESALE FLORISTS

SUMMER ROSES

Russell-Sunburst-Bulgaria-Killarney-White Killarney

Extra fancy stock grown especially for summer use and by far the best obtainable in this or any other market.

Beauties---Carnations

Plenty for everybody, so send your orders here.

Gladioli--Lilies--Valley--Etc.

We Are Wholesalers Doing a Strictly Wholesale Business.

30 E. Randolph St., L. D. Phones Central 3284 3283 Chicago

Cleveland.

SHORTAGE IN ROSES.

The rose crop has shortened considerably, along with some of the other stock, white roses in particular being far short of the demand. American Beauties, too, are off crop. Kaiserin roses will be in this week, which will help considerably. Carnations are in sufficient supply for all demands, but stock is becoming poor. Sweet peas are very plentiful, and stock is exceptionally good, as they have had plenty of rain at the right time. The supply of larkspur is not up to the requirements, as a good many of the best of this stock have been spoiled by mildew. Phlox is in good demand. America and Pink Beauty gladioli meet with a good call. Candidum and Easter lilies are excellent stock. The Sandusky water lilies will arrive in a few days now. Iris, outdoor stock, is coming in, but the call for same is slow. Lily of the valley is plentiful now. Greens of all kinds are in good supply.

FLORISTS' CLUB MEETING POSTPONED.

The July meeting of the florists' club, scheduled for Monday, July 5, has been postponed until Monday, July 12. Full announcement of picnic arrangements and other matters of interest will be made at this meeting and a full attendance of members is desired. At the last meeting of the club it was decided that foot races and all other field events would be open to all, with the exception of the base ball game, in which players must be members of the club to be eligible make Joe Jackson jealous.

NOTES.

Playing tag in front of his home, 2523 East 55th street, cost Rowland Capperman, aged 10 years, son of I. Capperman, his life, June 28, when he was struck by an automobile. He was hurried to Emergency hospital, where first aid was given and was then removed to Mt. Sinai hospital, where he died of a fracture of the skull.

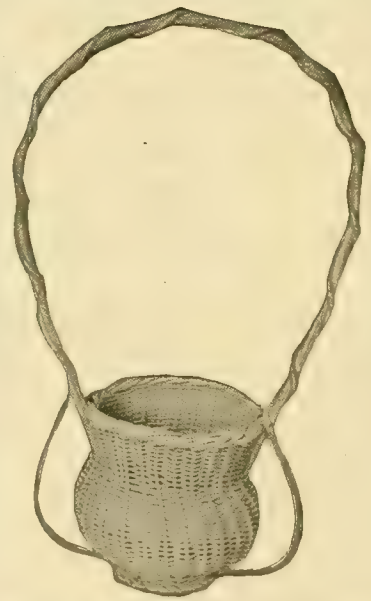
The florists' club picnic will be held Wednesday, July 21, at Willough Beach park. Cars (Shore Line) leave Public square every half hour from in front of Postoffice. Fare, one way, 20 cents. Come and bring your friends for a good old-fashioned picnic. Bring the children.

The Akron Flower Shop, W. H. Hutchins, manager, reports a good business since opening the store.

A. Barber, of the Jones & Russell Co., will spend the week fishing in the lakes near Akron, Ohio.

Visitors: Henry C. Geiger, of the Florex Gardens, North Wales, Pa.; Mr. Mueller of Julius Roehrs Co., Rutherford, N. J. C. F. B.

BASKET BARGAIN



ASSORTMENT

25

Small Cut Flower Baskets Including Liners

$7.50

This assortment of 25 small cut flower baskets for $7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue

CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

Oklahoma City.

Business is rather quiet, but not any more so than is usual for this season of the year. We do not look for any startling rush of trade between now and the middle of September.

The flower show, which was to be held July 3, has been postponed indefinitely, the heavy, continued rains, together with the terrific winds which have been prevalent lately, have done extensive damage to out-door flowers and it was thought by the management of the "show" that a creditable exhibition could not be assembled this summer.

G. W. Stiles is back from his Chicago visit. He speaks gleamingly of the equipment and neatness of the Poehlmann range of glass, and also of some of the other growing establishments which he visited.

Local grown gladioli were ready for cutting July 1, about three weeks later than they were last year.

The flower stores took a half holiday July 5, in celebration of Independence day. S. S. B.

LITTLE ROCK, ARK.—Paul M. Palez, through his attorney, James A. Comer, has filed a voluntary petition in bankruptcy, with assets about $2,000 and liabilities in excess of that amount. The store at 409 Main street was closed June 28. Pursuant to an order of the United States district court the stock, fixtures and all book accounts, etc., will be sold at auction on the premises, at noon, July 10. Jas. A. Ginocchio is receiver.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

JOHN KRUCHTEN CO.

Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS Our Specialties.

Wietor Bros.

Wholesale Growers of CUT FLOWERS

All telegraph and telephone orders given prompt attention.

162 N. Wabash Ave., Chicago

W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

WHOLESALE FLORISTS

160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 6784

MILLER & MUSSER

Wholesale Florists

179-181-183 North Wabash Avenue, CHICAGO

WEILAND & RISCH

SHIPMENTS EVERYWHERE — GROWERS AND SHIPPERS CUT FLOWERS — IMMEDIATE DELIVERIES

154 NO. WABASH AVE. CHICAGO

PHONE CENTRAL 879

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

ESTABLISHED 1883 INCORPORATED 1892

KENNICOTT BROS. COMPANY

WHOLESALE COMMISSION FLORISTS

163-5 NO. WABASH AVENUE CHICAGO

TELEPHONE CENTRAL 466

E. C. AMLING CO.

THE LARGEST, BEST EQUIPPED, MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

174-6 N. Wabash Ave., CHICAGO.

L. D. 'Phones Central 1977 and 1978.

Mention the American Florist when writing

Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

Mention the American Florist when writing

A. L. Randall Co.,

Wabash Ave. and Lake St., CHICAGO, ILL.

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

USE Budlong's Blue Ribbon Valley.

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of Cut Flowers

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.

Store: 162 N. Wabash Ave., CHICAGO

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	$3 00
" " 36-in.	2 50
" " 30-in.	2 00
" " 24 in.	1 50
" " 20-in.	1 00
" " 15-in.	75
" " 12-in.	50
" Mrs. Chas. Russell	1 00@ 2 50 Per 100
" Hoosier Beauty	4 00@15 00
" Killarney Brilliant	3 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	3 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	3 00@10 00
" Milady	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	3 00@10 00
" Ophelia	3 00@10 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas, per doz.	4 00@ 6 00
Gardenias, per doz.	3 00@ 4 00
Gladioli	2 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Sweet Peas	75@ 1 50
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns, 1 50@3 00	
Galax, " 1 00@1 25	
Leucothoe	75@ 1 00
Mexican Ivy, per 1000, 5 00@6 00	
Plumosus Strings, each, 60@ 75	
Smilax, per doz., 2 00@2 50	
Sprengeri, Plumosus Sprays	3 00@ 4 00

Boxwood, 35c per lb.

Minneapolis, Minn.

The florists' baseball club had a game scheduled for July 4 with the Hutchinson team nine, but was postponed on account of the rain, and the game will be played July 11 if the weather conditions permit.

Business in general continues very good. T. R.

CHICAGO HEIGHTS, ILL.—G. A. Weberg will double his greenhouse capacity at his range, Chicago road and Main street.

LOS ANGELES, CALIF.—The ordinance providing for the construction of greenhouses in the fire district was passed by the council June 22. A change in the building ordinances, which prohibited any structure except fireproof construction in the fire district, was necessary to allow the construction of the greenhouses.

FIELD GROWN CARNATION PLANTS

PINK	100	1000
Mrs. C. W. Ward	$7.00	$60.00
R. P. Enchantress	6.00	55.00
L. P. Enchantress	6.00	55.00
Enchantress Supreme	8 00	75.00
Dorothy Gordon	7.00	60.00

PINK	100	1000
Winsor	$7.00	$60.00
Peerless	8 00	70 00
Gorgeous	7 00	60.00
Philadelphia	7.00	65.00

WHITE	100	1000
Matchless	$9.00	$80 00
Enchantress	8.00	70.00
Perfection	7.00	60.00
White Wonder	7.00	60.00
Alma Ward	7.00	60.00

RED	100	1000
Champion	$8.00	$70.00
Beacon	7.50	65.00
Victory	7 00	60.00
Comfort	7.00	50.00
Commodore	7.00	60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MARKET HAS QUIET PERIOD.

The business of the past week has been seasonable; that is, it has been very light indeed. There is an abundance of stock of all kinds of varieties that are generally good at this season. In the roses, Mock, Russell, Sunburst, Ward and Hadley are very good, while the eastern American Beauties are exceptionally fine. Southern gladioli are coming in in quantity and sell fairly well. Easter lilies are away ahead of the demand; it is either a feast or a famine with this flower. Why don't the growers of the lily get together and divide up the season? George Anderson once said about Bride roses, of which he was quite a grower, and which at the time were selling very low, that if he had the whole output he could sell them all at an advance of 50 per cent without a word of protest from any one. Asters are now coming in and will soon be a factor. Sweet peas of very good quality are offered in quantity; those who take the trouble to pick them with the rising of the sun get the best price, as they do not keep long at the best this hot weather. Only the Spencers are worth growing and for forcing for market in competition; they should be planted at the right time, in the best soil, receive the best care, be bunched just right, after which the returns will be found the best obtainable. Valley appears to sell up pretty close, while cattleyas are a trifle draggy, being offered in quantity at very low figures.

NOTES.

The recent church decoration for the Wanamaker wedding, while it could not be called very elaborate, was elegant and artistic to a degree. Cibotium ferns were a feature, being banked high on either side of altar; also, at the entrance to the chancel. Vases of white roses and white hydrangeas relieved the green effect, while the altar was profusely decorated with vases of white roses, orchids, lily of the valley and water lilies. At the top of each column the length of the church and at either side the center aisle, there was placed a large cibotium fern. Each column was curtained with smilax, which was dotted with quantities of sweet peas. The effect as a whole was very fine. The decorations at the home in the country were very elaborate, no expense being spared.

The Liberty Bell was started on its trip across the continent Monday, June 27. The frame or float, on which this sacred relic was carried in the parade to the depot, was profusely decorated with palms, ferns and flowers. This commission was given to Lit Brothers' Department Store. Ye gods! What sacrilege! Next will come department store ministers for the weddings, with wives made returnable if not satisfactory.

The craft were much pained to hear of the death of Thomas Foulds. He was for a long time a grower of importance in this market, being the first to offer pink snapdragon. He grew this very successfully, and while he was able to hold on to his stock, had a monopoly in this color in this market.

Wholesale Flower Markets

BOSTON, July 7.	Per 100
Roses, Beauty	2 00@20 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	16 00@25 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Carnations	50@ 1 00
" select	1 50@ 2 00

BUFFALO, July 7.	Per 100
Roses, Beauty, special	20 00@25 00
" " fancy	15 00@20 00
" " extra	10 00@12 00
" " No. 1	6 00@10 00
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 6 00
" White Killarney	3 00@ 6 00
" My Maryland	3 00@ 6 00
" Killarney Queen	3 00@ 6 00
" Richmond	3 00@ 6 00
" Sunburst	3 00@ 6 00
" Ward	3 00@ 5 00
" Taft	3 00@ 7 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 00@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	1 00@ 2 00
Peas	50@ 1 00
Gig. Lilies	7 00@10 00
Peas (outdoor) bunch, 5c@10c	
Gladioli (indoor)	4 00@ 6 00
Asparagus Sprengeri 35@ 50	
Ferns per 1000, 2 50	
Smilax	15 00

CINCINNATI, July 7.	Per 100
Roses, Beauty per doz.	$0 75@$3 00
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus, per bch., 25c	
Carnations	1 00
Orchids, per doz.	3 00
Sweet Peas	25@ 35
Gladiolus	3 00@ 4 00
Snapdragons	2 00@ 3 00

ST. LOUIS, July 7.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
" Radiance	4 00@ 8 00
Valley	3 00@ 4 00
Carnations	1 00@ 1 50
Orchids	20 00@35 00
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	6 00
Sweet Peas	20@ 40
Gladioli	2 50@ 3 00
Callas	6 00@ 8 00
Ferns per 1000, 1 75	

The Macaw Brothers, at Norwood, have their new house planted with chrysanthemums, which are getting away to a strong growth. Gardenias, cut asparagus sprays and Scotti ferns are also grown in quantity.

The Florex Gardens, who took a record crop of sweet peas from a new house the past season, followed with tomatoes from which they are now commencing to cut. The house looks very promising.

Eastern American Beauties are a special with Edward Reid and they are wonderfully fine. Gladioli are seen by the thousand and appear to move off very well.

American Beauties are still the feature with the Leo Niessen Co. Gladioli are seen in large quantities, while excellent outdoor sweet peas are now a factor.

Berger Bros. offer a good line of summer flowers, leaders being Maryland roses, lily of the valley and gladioli.

Robert Craig, accompanied by Mrs. Craig, is spending a few days with W. K. Harris at Ocean City.

K.

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley

SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.

1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th, we will be closed all day Sundays until further notice.

McCALLUM CO.

Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88	$0.50	$0.85
No. 55	.75	1.25
No. 48	1.00	1.50

Envelopes to match (1000 to package), same price as cards.

Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

WM. C. SMITH
Wholesale Floral Co.

WHOLESALE FLORISTS

1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.

Supplies and Everything in Season always on hand

GUST. RUSCH & CO.

Wholesale Florists

Jobbers in
FLORISTS' SUPPLIES.

Phone Main 1245. P. O. Box 206

448 Milwaukee St., Milwaukee, Wis.

Fancy Lily of the Valley and Orchids
Roses and Carnations.

Fancy Ferns, special picked. Supplies and Wire Designs.

C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

USE Budlong's Blue Ribbon Valley.

Cincinnati.

DEMAND FAILS TO ABSORB SUPPLY.

Business is not very brisk. There is plenty of good stock for the time of the year, but the demand is not strong enough to take up all of it. Shipping business is fair. Roses continue in good supply and include many excellent offerings. Lilies are very plentiful and include Easter lilies and some auratums and rubrums. Gladioli, too, are in good supply and have a fairly good call. Other offerings include lily of the valley, orchids, water lilies, snapdragons and carnations.

NOTES.

Carl Baum and wife, of Knoxville, Tenn., passed through this city on July 5, on their way to the Shriners' convention at Seattle, Wash., and the Panama-Pacific exposition.

E. G. Gillett is closing his store at 5 p. m. each day and 4 p. m. on Saturdays from the present time until September 1.

The annual meeting of the Cincinnati Florists' Society will be held at Max Rudolph's home, Monday, July 12.

C. E. Critchell has been getting in some very fine Ophelia and Radiance roses.

H.

SANDWICH, ILL.—At the Sandwich Greenhouses arrangements are being made for the building of another greenhouse to face on Main street.

Wholesale Flower Markets

PHILADELPHIA, July 7.	Per 100
Roses, Beauty, extra	20 00@25 00
" " first	8 00@10 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Snapdragons	3 00@ 5 00
Peonies	3 00@ 6 00
Gladioli	3 00@ 8 00
Mignonette	2 00@ 4 00
Asparagus.....per bunch.	50

PITTSBURGH, July 7.	Per 100
Roses, Beauty, special	15 00
" " fancy	10 00
" " extra	6 00
" " No. 1	3 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00
" Sweetheart	1 00
Carnations	1 50
Cattleyas	50 00
Lilium Giganteum	6 00
Valley	3 00
Adiantum	1 00
Sweet Peas	50
Gladioli	4 00
Coreopsis	50
Delphinium	3 00
Asparagus Sprengeri, per bunch, 35@40	
" Sprays.....per bunch, 35@40	
Snapdragon	4 00

WORCESTER, MASS.—Midgley & Co. have sold their business at 209 Main street to Hollis E. Pease.

SPRINGFIELD, MO.—Plans for extensive improvements which will cost several thousand dollars were completed, contracts let and leases signed at the twentieth annual meeting of the Springfield Seed Company June 21.

RICE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in **MINNEAPOLIS.** Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies

Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING
Wholesale Florist,

Magnolia Leaves, $1.35 per box.

1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

MILWAUKEE, July 7.	Per 100
Roses, Beauty, per doz.,	2 00@ 3 00
" Killarney and W. Killarney	2 00@ 8 00
" Ward, Sunburst	2 00@ 6 00
" Mrs. Chas. Russell	5 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	3 00@10 00
" Hoosier Beauty	2 00@10 00
Carnations	1 00@ 3 00
Lilies	8 00@10 00
Auratum.....per doz.,	$1.50
Snapdragon, per bunch,	25c@50c
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Daisies	50@ 1 00

LAWRENCE, MASS.—New greenhouses are being erected by Albert H. Wagland on Broadway.

Our Motto:—The Best the Market Affords From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, $6.95

300 Bulbs, $18.00
1200 " 70.00

C. S. & CO. NEW YORK

1000 Pips, $15.00
2500 " 35.00

$7.95 Case of 500 Pips

LILY OF THE VALLEY PIPS.

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

BIG OVERSUPPLY AND WEAK MARKET.

The market, which opened under fair conditions, June 28, fell flat before the end of the week. As an instance, special American Beauties wholesaled at the rate of $25 per 100 June 28; on July 2 they could be bought at from $4 to $10 per 100. The new crop seemed to arrive from all sections at the same time, and coupled with light buying, put stock down to figures that might have caused a panic in most any other business, but the florists are a "hopeful lot." However, there is little hope for better conditions for a week or two. There was a general exodus from the city for July 4 and 5, and, figuratively speaking, it took the remainder of the week for the market to sober up. Not only in American Beauties, but in all other stocks, there is a surplus. While there is a movement in special tea roses, there is a great amount of inferior stock that is practicaly unsalable. It is surprising the way the carnations hold out and the street men are again on the job. There are peonies on the market from cold storage, but scarcely anybody wants them. We may say that this branch of the cut flower industry should be stopped. Admitting that we have to eat cold storage beef, chickens and eggs, the cold storage line should be drawn somewhere. With literally carloads of good flowers going to waste, throughout the country, cold storage of flowers is being overworked. An immense crop of sweet peas is now arriving and whille good sweet peas are generally salable, there are too many for the demand. Orchids, lilies and lily of the valley continue plentiful and cheap. A glut of gladioli is also in sight. At present there are more than enough to supply the demand, but as we view it, this is but the beginning of sorrows. Asters may be useful a month hence, but nobody has any use for them now, particularly of the quality that is beginning to arrive. "Try it on the dog," seems to be the motto of some growers, or in other words send everything to New York that will not sell in any other city.

July 5.—This being a public holiday, not much business was expected, but a deluge of rain in the forenoon practically eliminated business. The market is glutted with stock.

NOTES.

August Millang, a member of the well known Millang family, who has retail stores in Brooklyn and Jamaica, recently had the first finger of his right hand poisoned from handling roses. The poison spread so fast that on July 1 the surgeons were compelled to amputate the finger at the middle joint. It is now hoped that the poison will be overcome. He is in the Jamaica hospital.

The Junitia democratic club of Brooklyn, of which our esteemed florist friend, John Mallon, is president, had its outing at Witzel's grove, June 26, and we are reliably informed that it was a very successful affair. Among the guests was John Eigenbrod, of Badgley, Riedel & Myer's staff.

W. M. Landis, who for a number of years has managed the Star Florist store at 65 West 14th street, has taken space and will open a store in the new Cosmopolitan Garden, 34 West 23d street. Mr. Landis is clever and active in the business and we wish him success in this venture.

Traendly & Schenck are quite strong on roses, Ophelia being, among others, noteworthy. Papa Traendly will spend a good part of this month on the farm at Rowaytown, Conn., and in August, with Mrs. Traendly, will make the trip to San Francisco. His valet will accompany him.

Edwin Auckers, one of Traendly & Schenck's clever salesmen, started a four weeks vacation, July 3. He plans to attend the outing of the Greek-American Florist Association, July 7, and spend the remainder of the time in Vermont.

Ralph Armstrong and wife are now sojourning at Newport, R. I., where he is conducting a summer store. The force at his Madison avenue store seem to be quite busy.

Miss Mabel Conkling, bookkeeper for H. E. Froment, has started for a vacation of several weeks. She is a hard worker and has earned it.

William Mack, of W. P. Ford's staff, who recently underwent an operation for appendicitis, is now much improved.

At the store of Charles A. Dards it was recently stated that they had been very busy with funeral work.

John Young & Co. are handling fine stocks of the rose, Francis Scott Key, and also other good roses.

Moore, Hentz & Nash are receiving very fine stock of Rose Ophelia from R. C. Pye, Nyack, N. Y.

We learn that G. E. M. Stumpp is being successful with his new store at Southampton, L. I.

H. Bergman, a very clever florist, has bought Henry Hart's store at Far Rockaway.

Young & Nugent have recently been quite busy with funeral work.

A. F. F.

Albany, N. Y.

JULY CLUB MEETING.

About 30 members of the local florists' club journeyed to the establishment of Fred Goldring, Font Grove, where the July meeting was held at the close of an evening which showed the country in the vicinity to be a picture of summer beauty. Following a discussion brought about by Edward P. Tracey relative to the small attendance at the funeral of one of the members who died last month, the club decided to instruct W. C. Newport, chairman of the sick visitation committee, to send postal notices to all the members to attend the funeral of any member who may die later. It is expected that this means will bring the matter to the attention of those who might otherwise not learn of it until too late.

Considerable discussion on the subject of the flower show in November followed the report of the chairman, F. A. Danker, who said he was willing to work for the success of the show but did not want the honor of the chairmanship of the committee. Several of the members suggested that as a number of the retailers had lost their enthusiasm for the show that perhaps it would be best not to go ahead with the arrangements this year. The consensus was that unless everyone is enthusiastic for the show it had better not be held. The subject was put to a vote upon a resolution offered by R. W. Bilson and the members voted unanimously not to have a show this year.

Edward P. Tracey told interestingly of an automobile trip enjoyed June 26-28 by a party of four members of the club through a considerable portion of New England, traveling 1,050 miles at an average of more than 225 miles a day. The party was made up of Ralph M. Ward, New York; A. S. Burns, Jr., Spring Valley; Frederick A. Danker, Frederick Henkes, Edward P. Tracey and Thomas F. Tracey. The party motored to Pittsfield, Mass., where they decided to take a run to the White Mountains, New Hampshire. They passed through Rutland, Vt., Manchester and reached Bretton Woods, where they made a stop for dinner at one of the large hotels, and then took up the journey to Portland, Maine, where they visited some of the growers

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

OFFICIAL S. A. F. **Shipping Labels**

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones 1664 Madison Square, 1665 34 W. 28th St., New York

Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Paul Meconi

Wholesale Florist

55-57 West 26th Street

NEW YORK CITY

Telephone: 3864 Madison Square.

and found carnations to be of extra quality. From Portland the journey to Boston was along the seashore. At Madbury, N. H., they saw Elliott's place with one greenhouse 1,350 feet long. On the way from Boston they passed through Hartford, Conn., on the way to Cromwell, Conn., to visit the establishment of A. N. Pierson, Inc. Here they found a city of greenhouses with appliances up to date and every evidence of a large and active business. Wallace R. Pierson showed them many things, including a dairy with 150 cows. The Pierson establishment has 500 men employed and is one of the largest commercial places in the East. Wallace accompanied the party back to Hartford, where they visited the parks and were much impressed with the rose gardens and rockery work. On the day they were there the park was thronged with visitors attracted by the rose exhibits.

After the meeting refreshments were served and a social time enjoyed. The meeting of the club on the evening of August 5 will be at Henkes Brothers, Newtonville. Arrangements for the annual clambake of the club are under way. A special meeting of the organization was held on the evening of July 8, at which the subject was discussed. It is planned to hold the outing for the members and their lady friends in August at a date to be announced later.

Among the recent visitors was Patrick Welch of Boston, president of the S. A. F., accompanied by Mrs. Welch. The couple spent four days in this section and besides visiting a number of the growers and retailers, took a side trip to Saratoga. At the Spa, Mr. and Mrs. Welch put up at the Hotel Worden. One of the surprises here was to find that Mine Host Kelly and President Welch were old acquaintances. Twenty-seven years ago, when President Welch last visited Saratoga, Kelly was a clerk in the hotel. With the lapse of time Kelly has become proprietor of the house. The evening was spent in pleasant reminiscences.

In her will, Mrs. Dean Sage of Menands, bequeathed to Thomas Talbot, gardener for some years on the Sage estate, the sum of $200. Mrs. Sage remembered all the old employes with various sums. The only other bequest outside the family and the servants was the sum of $50,000 to Cornell University, in which institution Mr. Sage in his lifetime took a great interest.

R. D.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Wholesale Flower Markets

NEW YORK, July 7.	Per 100
Roses, Beauty, special	5 00@10 00
" " extra and fancy	3 00@ 5 00
" " No. 1 and No. 2	1 00@ 2 00
" Alice Stanley	1 00@ 6 00
" Prince d'Arenberg, special	4 00@ 5 00
" Francis Scott Key, special	6 00@ 8 00
" Mrs. Geo. Shawyer, special	3 00@ 4 00
" " extra	2 00@ 3 00
" " No. 1 & No. 2	50@ 1 00
" White Killarney, special	4 00
" Killarney, My Maryland... special	4 00
" " No. 1 and No. 2	50@ 1 00
" " Queen	1 00@ 5 00
" " Brilliant	1 00@ 6 00
" Aaron Ward	50@ 6 00
" Richmond	50@ 3 00
" Sunburst	50@ 4 00
" Taft	50@ 5 00
" Milady	50@ 4 00
" J. L. Mock	50@ 6 00
" Hadley	1 00@ 6 00
" Ophelia	1 00@ 8 00
" Mrs. Chas. Russell	1 00@ 8 00
Carnations	25@ 1 00
Cattleya Orchids, special	15 00@20 00
" " inferior grades	10 00@15 00
Lilies, Longiflorum and Harrisii	1 00@ 1 50
Lily of the Valley	1 00@ 2 00
Adiantium Croweanum and Hybridum	50@ 75
Asparagus Plumosus....doz. bchs.	1 50@ 2 50
Smilax.....doz. strings.	75@ 1 00
Sweet Peas, per doz. bunches.	25c@50c
Gladiolus.....per doz.,	10c@15c
" America..... " "	50c@75c

United Cut Flower Co., Inc.

WHOLESALERS

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments

GEORGE J. POLYKRANAS, Manager.

Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Mention the American Florist when writing

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones 798 and 799 Madison Square.

Orchids, Roses, Carnations, and all the other best products of the leading growers.

Consignments solicited.

Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square.

Mention the American Florist when writing

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

Mention the American Florist when writing

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York

Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS

and Mosses. Decorating Material for Florist Trade, at Wholesale.

TELEPHONES MADISON SQUARE 1519-5893

119 West 28th Street NEW YORK

Mention the American Florist when writing

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET

NEW YORK

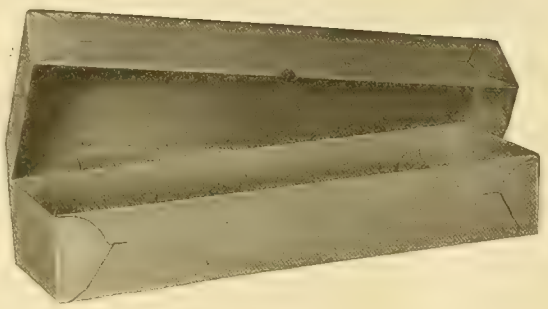
Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing

Mention the American Florist when writing



YOUR flowers will look better if you deliver them in **SEFTON FLOWER BOXES.**

Get the advertising value of a smart looking package; we can supply you with the best boxes made in almost any non-fading shade of board.

Ask your paper jobber.

You ought to have our Catalogue, also price list and samples; sent on request.

THE SEFTON MFG. CO., 1331 W. 35th Street, CHICAGO, ILL.

Toledo.

BUSINESS AND PRICES SATISFACTORY.

The condition of oversupply which has hit almost every city in the country has made itself felt here also, but not nearly as much so as is reported elsewhere. While stock of all kinds, especially roses, has been very plentiful, business has held up in a surprising manner, and much of the glut was taken care of at good prices. On "Dollar Day" which was featured by a leading afternoon newspaper, many florists offered unusual bargains in flowers of various kinds and great quantities were sold. Roses are in great oversupply and the quality is splendid. Numerous sales on these popular June flowers are being held. The month of June has been a splendid month for bedding stock as the cold weather in May retarded sales very greatly with the result that what florists lost in May has been made up in June, sales running ahead of last year. On the whole florists here are very well satisfied with the business they have transacted during the first six months of the year.

CLUB MEETING.

The meeting of the local florists' club, held at S. N. Peck's flower store on Superior street was very well-attended and it is presumed that the announcement that plans would be made at this meeting for the annual picnic brought the crowd. These picnics have been great successes the last three years and it was unanimously voted to have another, July 7, at Ottawa park. Various committees were appointed by Max Spanner to assure another success. Preceding the picnic, all florists will line up for a parade in their delivery and touring cars, and will parade the principal streets of the downtown section. The autos will be handsomely decorated with bunting and flowers. At the park various games will be staged, the main feature of which will be a baseball game between the Germans and the Allies; also a tug of war between the same factions if any still remain hors de combat.

At this meeting the Sunday closing movement was also endorsed. All stores with a few exceptions will close Sundays at noon during July and August.

NOTES.

Schramm Bros. have had a tremendous amount of landscape gardening during the month of June and have succeeded in inducing many real estate men to decorate their lots with a view to making them sell more quickly. This work has been done for Schramm's by James McLeod, a landscape gardener, a member of the Royal Horticultural Society of Great Britain.

June 20, a party of five florists of this city toured to Monroe, Mich., to visit the many famous nurseries of that place, which include Greening's and Ilgenfritz's. The party included Frank M. Schramm, George B. Schramm, Albert Lehmann, James McLeod and Arthur C. Kneisel.

Miss Helen Patteh, Madison street florist, is pleased with the way orders for casket covers have been coming in of late. Miss Schwartz, her bookkeeper, is back on the job again after an enforced layoff of three weeks due to illness.

Wisner, Delaware Street Florist, has found business increasing and as a result is planning to rebuild his ranges this summer. K.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green.

	Per 100
20x 4x3, Teles. Cov.	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov.	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov.	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design. Write for samples and prices.

A. A. Arnold Paper Box Co.
1302-1308 W. Division St., CHICAGO

Prepared Magnolia Leaves

Green, Brown, Red and Purple

$1.00 carton (approximately 1000 leaves)
f. o. b. Evergreen

KNUD NIELSEN, EVERGREEN, ALA.

Morganton, N. C.

While early vegetables, such as garden peas, onions, turnip greens, mustard, kale and asparagus made a poor crop as a consequence of the then prevailing drought, this has been largely atoned for by an abundance of moisture, fine growing weather, with the result that all later vegetables made fine crops. We have cabbages, beets, onions, lettuce, new potatoes and snap beans, both for table use and a large surplus for canning. Some varieties of fruit did well, while others made a poor crop, or none at all. The strawberry crop is medium, blackberries just coming in, cherries poor to medium; peaches, nearly ripe, moderate crop only; good apples scarce, few and far between. There are many blight worms, mites and other insect pests to contend with this year. Flower garden stock does not seem to be making anything like the progress one would usually look for at this season, when compared with other years. We had a rainfall of 3.15 inches in March, 0.41 inches in April, 4.82 inches in May, 2.96 inches up to June 28, totaling to date 11.34 inches, and making a monthly average of 2.88½ inches.

J. B. P. M.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers,** and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists. Write us for Booklet M.

McNEFF-SWENSON CO.
High Grade Floral Publicity.
224 So. Michigan Ave., Chicago, Ill.

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) $2.50 per case

Fancy Ferns	per 1000, $1.25
Dagger Ferns	per 1000, 1.00
Natural Moss	per bag, 1.75
Perpetuated Moss	per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

LYRATA $2.50 Per Case

Fancy Ferns	$1 25 per 1000
Dagger Ferns	1 00 per 1000
Natural Moss	1 75 per Bag
Perpetuated Moss	3 50 per Bag

Caldwell the Woodsman Co.
Everything in Southern Evergreens,
EVERGREEN, ALABAMA

GALAX--LEUCOTHOE

New crop now ready. We are situated in the heart of the Galax section and can furnish you the very best stock. If you cannot get our stock from your jobber write us for prices. We can make it to your advantage to deal with us. Demand our greens and you are assured of the best the market affords at all times.

MT. MITCHELL DECORATIVE EVERGREEN CO., MARION, N. C.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. Ltd. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

C. Frauenfelder FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R.I.

and all NEW ENGLAND POINTS. **T. J. JOHNSTON & CO.** 171 WEYBOSSET ST., PROVIDENCE

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address; ALEXCONNELL. Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. Cor. 15th & H. Sts. WASHINGTON, D. C.,

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists We are in the Heart of **NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

Friedman

FLOWERS

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. **Telegraph and Cable Address, DARDSFLOR.**

Member Florists' Telegraph Delivery.

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Newark, N. J.

Begerow's

946 Broad Street.

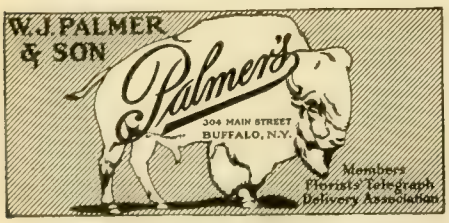
Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

For Wisconsin Delivery
—OF—
"HOME GROWN FLOWERS"
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.



La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Atlanta, Ga.

Atlanta Floral Co.

41 Peachtree Street

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

New York.

MAX SCHLING

No. 22 West 59th Street
Adjoining Plaza Hotel.
Members of the Florists' Telegraph Delivery.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Atlanta Floral Co., Atlanta, Ga.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Brown Bros. & Co., Vancouver, B. C.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L. Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H., New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Welland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
Wolfskill Bros. & M. Goldenson, Los Angeles.
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Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
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Duluth, Minn.—Duluth Floral Co.
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Philadelphia.—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
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Will fill your orders for designs and cut flowers in

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Funeral Emblems Cut Flowers

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California Florists

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Pansy 3 Mixtures

"Cut Flower"

	Per Trade Pkt.	⅛ oz.	Oz.	¼ lb.
Runs to Light Colors,	25c	85c	$5.00	$17.50

"Giant"

	Per Trade Pkt.	⅛ oz.	Oz.	¼ lb.
Contains all the B-I-G ones,	25c	60c	$4.00	$14.00

"International"

Wonderful	Per Trade Pkt.	⅛ oz.	Oz.	¼ lb.
in range of Colors,	50c	$1.50	$10.00	$35.00

New Early Flowering Giant Pansies

The new strain produces its giant flowers about six weeks earlier than other known types. In the early part of March last year, when the old type Pansies hardly showed any buds the plants of this new strain bore from three to five of their giant flowers.

Early Flowering Giant White, Yellow, Light Blue, Dark Blue and Mixed. Per Trade Pkt., (500 seeds) 65c; Per ⅛ oz., $2.50.

	Trade pkt.	⅛ oz.	Oz.
Adonis, light blue with a white center	$0 10	$0 20	$1 20
Andromeda, delicate apple-blossom	15	25	1 75
Beaconsfield, upper petal light lavender; lower ones deep rich purple.	10	20	1 20
Emperor William, dark navy blue	10	20	1 20
Golden Queen, clear gold-n-yellow	10	25	1 50
Mme. Perret, lovely shades of pink and rose	10	20	1 25
Masterpiece, (Frilled Pansy). Petals beautifully waved; exquisite colors	15	30	2 00
White, very large, with violet eye	lb., $14 00	10	20	1 25
Yellow, immense flowers with dark eye	lb., $14 00	10	20	1 25

Also All Separate Named Kinds and Colors.

The Mid-Summer List is Mailed. Ask for it.

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Carnations for fall delivery. **Smilax, Violets**

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Summer Prices.

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Pyramids, 2 -ft.	$1.00 each
Pyramids, 2½-ft.	1.50 each
Pyramids, 3 -ft.	2.00 each
Pyramids, 3½-ft.	2.50 each
Standard Shape, 14x14 in.	2.50 each
Globes, 14x14 in.	3.00 each
Heavy Bushes, 2-ft.	1.50 each
Nice Bushes, 15-in.	35c each

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SEEDSMEN AT THE SAN JUAN BAUTISTA MISSION, JUNE 25.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary. Thirty-fourth annual convention, June 1916.

VISITED CHICAGO: A. Willmer Livingston, of the Livingston Seed Co., Columbus, O., to meet his wife and mother returning from Seattle.

OWING to the lateness of the pea crop some of the western seed trade convention visitors did not return via Idaho, but will make that trip later.

FLORAL PARK, N. Y.—John Lewis Childs, Mary C. Childs and Vernon G. Childs have incorporated as John Lewis Childs, Inc., to do a seed and flower business. The capital stock is $400,000.

DES MOINES, IA.—The Iowa Seed Co. advises that there has been unprecedented demand for summer seeds, due to the continued cold weather. The year's business as a whole is well in advance of previous records.

NEW ORLEANS, LA.—Chris Reuter reports greatly extended business, due to the decrease in cotton acreage and the consequent demand for seed specialties not heretofore used in the south to any very large extent.

CHICAGO.—Prices for grass seed on the Board of Trade July 7 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.—Arnold Ringier, of the W. W. Barnard Co., returned from the Wisconsin pea districts, July 7.

MINNEAPOLIS, MINN.—Northrup, King & Co. say their business has been very satisfactory during the spring months this season with the exception of the month of May, which was a little quiet, owing to the unseasonable weather conditions.

PHILADELPHIA, PA.—W. Atlee Burpee & Co. state that since the first of January their retail, market garden and wholesale business in the aggregate has been equal to last year. They lost considerably, however, in the export trade early in the winter.

JACQUES COURTINE, who has called on the American trade for many years past, is now with A. & L. Bremond Freres, Ollioules, France, and will manage their business during the war, both members of the firm having been called to army service.

PALO ALTO, CALIF.—The Sloan Seed Co. has been granted authority by the state railroad commission to issue its common stock to Frank C. Sloan in exchange for his going business. Permission to sell 2,500 shares of preferred stock at par value of $10 is also granted.

REPORTS on clover seed prospects on the Pacific coast seem to be mixed. Some parts of Oregon report root worm, while in contradiction the Willamette valley predicts a bumper crop. Idaho and Montana report damage and smaller acreage. Carry-overs are small in both clover and timothy.

NEWARK, N. J.—Alexander Forbes, president of J. F. Noll & Co., is at present in Orange Memorial hospital, where he was operated on for appendicitis June 17. He is making very satisfactory progress towards recovery, and it is hoped that another week will see the finish of his sojourn there.

THE seed trade generally reports June collections falling behind those of last year and quite a few dealers asking for extensions into July. Market gardeners, especially in the west, are getting very low prices indeed for their crops, which have been liberal, and so slow in paying that early closing of their accounts is far from promising.

LOUISVILLE, KY.—Wood, Stubbs & Co. say their sales are just about what they were last season, possibly a little bit less. All of the sales, however, were much smaller and the larger part of the business was curtailed to a considerable extent. This is attributed to lack of ready funds among their customers. The total business, however, shows a fair profit and they feel very well satisfied with the returns.

BALTIMORE, MD.—Worms and insects have never been so numerous and destructive in the history of the city and have caused heavy demand for sprayers and insecticides. A recent severe hail storm has caused demand for garden seeds, due to necessity of replanting, but otherwise trade is dull, and local seedsmen are planning their vacations.—R. J. B.

MILWAUKEE, WIS.—The Currie Bros. Co. says that the season now closing has been quite satisfactory, showing a considerably increased business over last year. The firm is particularly gratified at the counter trade. As it is occupying a new location it was more or less a speculation when moving whether the counter trade would increase sufficiently to justify the change.

Boddington to Incorporate.

At a meeting of the creditors of A. T. Boddington, 342 West Fourteenth street, New York, held July 1, it was unanimously resolved to incorporate. The statement of the business transacted during the past four months was sufficiently favorable to warrant these gentlemen in making the Arthur T. Boddington Co., Inc., a permanency under this new title. This incorporation will be without prejudice to the claims of the creditors and was, it is said, adopted for the purpose of safeguarding their interests.

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

SEEDSMEN AT THE SAN JUAN BAUTISTA MISSION, JUNE 25.

In Memoriam.

Whereas, The American Seed Trade Association has lost during the past year from its members, Jesse E. Northrup, of Minneapolis, Minn.; John M. Griffith, of Baltimore, Md.; Louis B. Schulte, of Houston, Tex.; William H. Grenell, of Pierrepont Manor, N. Y.; and

Whereas, Almighty God in his infinite wisdom and love, has removed from our midst the above members, be it, therefore,

Resolved, That in the death of these four active members the American Seed Trade Association has sustained a great loss; and this association extends to the bereaved families our sincere sympathy in their great loss, and that these resolutions and memorials be incorporated in the minutes of this convention, and a suitable copy thereof be presented to the respective families.

A. L. PAGE,
C. N. KEENEY,
ROBT. W. POMMER,
Committee.

SPECIAL MEMORIAL BY S. F. WILLARD.

The American Seed Trade Association has lost by death during the past year two honored ex-presidents, Jesse E. Northrup and William H. Grenell. Both were active and staunch supporters of all that pertained to the best interests of the seed trade. Because of my close relations with both of them during the years of my official connection with the association, I desire to express my deep sense of personal loss, and to record the high regard and appreciation which I held for both; with Mr. Northrup an acquaintance during only a few years, but full of kind words and acts on his part, which will long remain with me as a treasured expression of his friendship; with Mr. Grenell an acquaintance during all of his business life and a more intimate and close friendship during the later years. Mr. Grenell's death while in the prime of life came as a sudden shock which will not soon pass from me. He was a quiet, unassuming man of strong character and genial disposition, with a large circle of personal and business friends to whom he was ever loyal.

"But thou and I have shaken hands,
Till growing winters lay me low;
My paths are in the fields I know,
And thine in undiscover'd lands."

S. F. WILLARD.

JESSE E. NORTHRUP.

Jesse E. Northrup, of the firm of Northrup, King & Co., died at Minneapolis, Minn., February 4, 1915. Mr. Northrup was one of the best known seedsmen in the United States. For many years he took an active interest in the affairs of the American Seed Trade Association, and served as its president in 1901-1902. While in health he was always ready to give of his time and means liberally to promote the best interests of our association. As a resident of the city of Minneapolis he held a prominent place, and will be greatly missed from the many different business, civic and social affairs with which he was so closely connected.

JOHN M. GRIFFITH.

John M. Griffith, president and founder of the firm of Griffith & Turner Co., Baltimore, Md., died October 3, 1914, at the age of 77 years. Mr. Griffith was actively engaged in the seed and farm machinery business for more than 50 years. As a member of this association he was always ready to extend a helping hand to any work undertaken by the seed trade.

LOUIS B. SCHULTE.

Louis B. Schulte, of Houston, Texas, died March 20, 1915, at the age of 45. Mr. Schulte was president of the seed firm of Reichardt & Schulte Co., having been with this company for about 16 years. He was very active in the affairs of his home city, and was a valued member of the Elks, Knights of Pythias, Travelers' Protective Association and other local organizations.

WM. H. GRENELL.

William H. Grenell was born at Pierrepont Manor, N. Y., January 26, 1846, and died at his home May 19, 1915. Mr. Grenell became a member of this association in 1892, and has always been very active in all of its interests. He was elected president at the Alexandria Bay convention in 1905. The abounding hospitalities at this meeting furnished by Mr. Grenell, will long be remembered by those who participated. Besides his large seed growing business, Mr. Grenell was interested in various other business interests in his home town. For 13 years he was captain of Company A, 35th regiment, New York state guards. During all the years that Mr. Grenell was a member of this association he was a leading spirit in the directing of its affairs, and no man will be more missed from its meetings and councils than he.

French Bulbs

A. & L. BREMOND FRERES,

Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES.

Seedsmen Visit California Seed Farms.

One of the most delightful features of the programme of the convention of the American Seed Trade Association, San Francisco, Calif., June 21-24, was the visit to a number of the seed farms in the vicinity of that city as the guests of the seed growers. California hospitality abounded at every turn and the delightful trip will long linger in the memory of the members of the association and their ladies.

The party left San Francisco at 8:05 a. m. June 25, and after a pleasant rail journey of two hours arrived at Gilroy, where autos were in waiting, with the seed farm of the Pieters-Wheeler Seed Co. at San Juan scheduled as the first stopping point. Here the principal crop is sweet peas, then at the zenith of their glory, and each lady in the party was presented with a bouquet of these beautiful flowers. The various farms of C. C. Morse & Co. were next visited, after which the party returned to San Juan, arriving at noon, and a barbecue was served on the historic grounds of the former General Castro, at one time governor of California under Mexican rule. The repast was an immense success, thor-

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Leading Suppliers of
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and **Acacia Seeds**
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SANTA CRUZ BULB & PLANT CO.
21 Pacific Avenue, SANTA CRUZ, CALIF.

oughly enjoyed by all, and of decided interest to many of the party who had never attended one of these unique affairs. Large juicy steaks, broiled over coals in the open air, chicken salad and Spanish beans were part of the menu, and after the meal a photograph of the party was taken in front of the Old Mission of San Juan Bautista, founded in 1770 by the Franciscan fathers. After the picture the visitors were permitted to view the interior of the mission. Following this autos were again loaded and visits were made to the farms of the Braslin Seed Growers' Co., Waldo Rohnert and the California Seed Growers' Association, near Hollister. At the Rohnert establishment cherries were passed to the ladies. The return to Gilroy was then made, where one of the farms of the Kimberlin Seed Co. was visited; also another of the California Seed Growers' Association, and the headquarters ranch of Pieters-Wheeler Seed Co., where a stop was made to allow the visitors to remove some of the dust from their throats with liquid refreshments provided by the amiable hostess, Mrs. Wheeler. The trip was then resumed to San Jose, the party arriving there about 7 p. m. Here a banquet, the menu of which was published in these columns last week, was served at the Hotel Vendome, after which dancing was enjoyed by the younger set. Rooms were provided for all and after a good night's rest, breakfast was served, the seed growers acting as hosts, and the autos were again entered and visits were paid to the following seed farms in the vicinity of San Jose in the order named: McGill Seed Co., California Seed Growers' Association, W. J. Fosgate, and Kimberlin Seed Co. Cigars and refreshments were served to the guests during the inspection of the establishments. At 2:00 p. m. a delightful luncheon was served at the San Jose Country Club, after which the party was taken back to San Jose and boarded the train to San Francisco, where it dispersed for home.

L. D. Waller Seed Co. Get Sweet Pea Medal

In the competitive class open to seed growers and seedsmen at the American Sweet Pea Society's exhibition, San Francisco, Calif., the L. D. Waller Seed Co., Guadaloupe, Calif., was awarded the second prize, the silver gilt medal of the National Sweet Pea Society of Great Britain. In the preliminary report of this exhibition in these columns, issue of June 26, this award was inadvertently omitted.

Mignonette "Chicago Giant"
(Greenhouse Grown Seed.)
A splendid strain grown and carefully selected for a number of years by Mr. Alois Frey, Crown Point. Produces large heavy spikes which have sold on the Chicago market at 6 to 8 cents each. Seed will be ready for delivery within a few days.
Trade packet (1000 seeds) $1.00; 1-8 Oz., $1.50; 1 Oz., $10.00.
A. Henderson & Co., 369 River St., Chicago
Mention the American Florist when writing

FERTILIZERS, ETC.
BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1.25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.
SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50. 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.
ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.
THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

COLD STORAGE
VALLEY
Bruns' Celebrated Chicago Market Brand, best to be had Valley, giving the best results all year round. $16.00 for 1000; $8.50 for 500; $4.50 for 250; $2.00 for 100.
Florists' Money Maker, best Valley at moderate prices. $14.00 for 1000; $7.50 for 500; $4.00 for 250.
H. N. BRUNS
3032 Madison Street, CHICAGO
Mention the American Florist when writing

RAFFIA
Natural—Four standard grades.
Colored—Twenty colors
We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.
Bale (225 lbs.) lots or less.
Write for prices and terms.
McHutchison & Co.
The Import House
17 Murray Street, NEW YORK
Mention the American Florist when writing

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

MY
Winter Orchid Sweet Pea
Has just received the
Gold Medal of Honor
the highest award in floriculture, by the **Panama-Pacific Exposition.**
Write for price list, which has been already mailed.
ANT. C. ZVOLANEK
Lompoc, Calif.
Mention the American Florist when writing

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA
Mention the American Florist when writing

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

KELWAY & SON

Seed Growers and Nurserymen, LANGPORT, ENGLAND

Announce that their

MR. H. A. NALDRETT,

is now taking an extended business trip throughout the United States and Canada. Mr. Naldrett's address while in this country will be in care of

MESSRS. THOMAS MEADOWS & CO.

8-10 Bridge Street, Battery Park, NEW YORK.

Mention the American Florist when writing

Convention Echoes.

Lawrence S. Payn, a convention visitor, representing the house of Simon Louis Freres & Co., Bruyeres le Chatel, France, left Bordeaux May 2, arriving in New York May 12. When he left France the situation was serious from the fact that the acreages will be greatly reduced in garden seeds generally, owing to withdrawal of men mobilized, and even if the crops were to be fair, deliveries are bound to be short on contract. Immediate advices from his house indicate that they have advanced prices on some things on account of the outlook, due to labor scarcity and diminished area planted. A certain proportion will be sown of cereals for absolutely necessary supply of food for the people there. He reports a successful trip in this country so far and good business.

The firm of C. C. Morse & Co., San Francisco, Calif., is one of the largest in the seed growing business on the Pacific coast and was established about the year 1873 by C. C. Morse, the father of Lester L. Morse, retiring president of the American Seed Trade Association, and who has practically been the head and front of the arrangements for the entertainment of the convention of the A. S. T. A. convention in 1915 at San Francisco.

Hogue-Kellogg Co., Ventura, Calif., were among the bean growers in that vicinity who entertained visitors to the convention who stopped off en route. W. H. Woodruff, of F. H. Woodruff & Son, Milford, Conn., accompanied by Mrs. Woodruff, Watson S. Woodruff and wife, W. C. Langbridge and wife and Howard M. Earl, were among those who enjoyed Ventura county's hospitality.

ROUTZAHN SEED CO.
Arroyo Grande, Calif.
Sweet Pea and Nasturtium Specialists.
Wholesale Growers of full list of
FLOWER and GARDEN SEEDS
Mention the American Florist when writing

S. M. Isbell & Co.,
Jackson, Mich.
CONTRACT SEED GROWERS,
Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.
Correspondence solicited.

Henry Fish Seed Co.
Bean Growers for the Wholesale Seed Trade
CARPINTERIA, CALIF.

Contract Seed Grower
SPECIALTIES: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.
EDGAR F. HURFF,
Correspondence Solicited. Swedesboro, New Jersey
Mention the American Florist when writing

Freesias California Grown

	Per 100	Per 1000
Choice, ½ to ⅝-in.....	$ .65	$5.00
First Quality, ⅜ to ½-in...	.45	3.00

Vaughan's Improved PURITY.

	Per 100	Per 1000
⅝-in. and up..	$2.25	$18.00
½-in. to ⅝-in..	1.75	15.00
⅜-in. to ½-in..	1.50	12.00

PURITY--True.

⅝-in. and up ..	2.00	18.00
½-in. to ⅝ in..	1.60	13.00
⅜-in. to ½-in..	1.25	10.00

Vaughan's Seed Store
CHICAGO NEW YORK

James Vick's Sons
Seedsmen
ROCHESTER, NEW YORK
Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Is Your Supply of Effective Cut Flowers Provided?

Lily Flowers are Daily Breadwinners

You make no mistake in ordering from us a weekly or fortnightly supply of the following:

Cold Storage Stock

	No. in case	Per case	Per 1000
Giganteum, 7- 9 inch,	100	$ 6.00	. . .
Giganteum, 7- 9 inch,	300	16.00	$53.00
Giganteum, 8-10 inch,	225	16.50	72.50
Giganteum, 9-10 inch,	200	17.00	82.50
Formosum, 8-10 inch,	200	15.00	72.50
Lily of the Valley Pips			16.00
Gladiolus, Mrs. Francis King, 1st. . .			9.00

Vaughan's Seed Store

CHICAGO NEW YORK

Place Orders Now For Late Summer

Thorburn's Seeds

OUR seeds of late summer flowers or plants if all in bloom at one time would give a perfect rainbow-range of color.

You can choose from our stock of seeds successfully, because it is so varied and so interesting; with so many possibilities. You would like our catalog. Write

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW YORK

Mention the American Florist when writing

Before Placing Orders for SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

Mention the American Florist when writing

Bulbs, Seeds, Plants

Try us once and you will come again.

S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

Mention the American Florist when writing

TOMATO SEED

Grown For The Wholesale Seed Trade.

HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

Mention the American Florist when writing

FIELD GROWN
Carnation Plants

Exceptionally fine stock ready for benching. Large sized plants.

	100	1000
Pink Enchantress	$4.50	$40.00
Rose Pink Enchantress	4.50	40.00
White Perfection	4.00	35.00
Mrs. C. W. Ward	4.00	35.00
Philadelphia	5.00	45.00

Order Today

Peter Reinberg
30 East Randolph St., Chicago, Ill.

Waldo Rohnert
GILROY, CAL.
Wholesale Seed Grower.
Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety.
Correspondence Solicited.

R. & M. GODINEAU
SEED GROWERS
Angers, - France
Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.
Growing Crops Given Personal Attention.

Get Quotations From
LANDRETH
SEEDS WHICH SUCCEED
Bloomsdale Farm. **Bristol, Pa.**

THE
J. C. ROBINSON SEED CO.
WATERLOO, NEBRASKA.
Rocky Ford, Colorado.
Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

The KENILWORTH Giant Pansy

seeds are all grown by myself and are offered in the following mixtures and separate colors:

22—KENILWORTH STRAIN—The flowers are of perfect form and substance; many of the immense flowers are from 3½ to 4 inches; it is a striking collection of beautiful colors and markings rich with shades of red, brown, bronze, and many others. Light, Medium or Dark Mixtures.

26—KENILWORTH CUT FLOWER MIXTURE—Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 or 8 inches long.

28—MASTERPIECE—A remarkable type; the curled, wavy petals giving the flower a double appearance, large flowers of great substance.

30—GIANT THREE AND FIVE BLOTCHED PANSIES—A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich velvety colors, reds are particularly conspicuous.

32—GIANT PARISIAN—The flowers are of enormous size, and beautifully marked, mostly five dark blotches on white and yellow ground. An unusually showy mixture.

NEW SEED NOW READY

All sorts and mixtures, except the new Pansy Princess, are $5.00 per oz.; $1.25 per ¼-oz.; 5000 seeds, $1.00; trade packet of 1000 seeds, 25c; any 5 pkts, $1.00. Please order by number.

PRINCESS. 20—The New Upright Pansy

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weather-proof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c; 1000 Seeds 35c; ⅛ oz. $1.00; ¼ oz. $2.00; 1 oz. $7.50.

38—Mme. Perret—Red and wine shades.
40—Zebra—Fine striped mixture.
42—Adonis—Light blue, white center.
44—Black—Almost coal black.
48—Lord Beaconsfield—Purple shaded white.
50—Bronze—Beautiful bronze.
62—Cecily—Steel blue, margined white.
64—Goliath—Large curled yellow, blotched.
68—Emp. William—Ultramarine blue.
84—Superba—Orchid tints of red and wine.
86—Sunlight—Yellow with brown blotches.
88—Andromeda—Curled apple blossom.
90—Colossea Venosa—Light veined shades.
92—Almond Blossom—Delicate rose.
94—Aurora—Terra cotta shades.
97—The above named Orchid mixed.
98—Indigo Blue—Deep velvety blue.
100—Light Blue shades.
104—Meteor—Bright red brown.
106—Pres. McKinley—Yellow, dark blotched.
114—Purple—Large rich deep color.
116—Peacock—Blue, rosy face, white edge.
118—Psyche—Curled white, five blotches.
126—Red—A collection of rich red shades.
138—White—Large satiny white.
140—White with violet blotch.
142—Yellow—Large golden yellow.
144—Yellow with dark blotch.

RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every $1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow, and with other amounts in like proportion.

Chas. Frost
Kenilworth, N. J.

Asparagus

	Per 100
Plumosus, from 2 in. pot	$2.00
Sprengeri, per 1000, $17.50	2.00
Primroses, ready in July	2.00
Pansy Seed, giant fl.....oz., $4.00	

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

The Everett B. Clark Seed Co.
GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

Mention the American Florist when writing

BURPEE'S SEEDS
Philadelphia

Wholesale Price List for Florists and Market Gardeners

BOXWOOD

(Balled and Burlapped) **For Immediate Delivery.**

Pyramid Boxwood, 3 to 3½ feet	$1.60
Pyramid Boxwood, 3½ to 4 feet	1.75
Pyramid Boxwood, 4 feet	2.00
Bush Boxwood, 18 inches	.75
Bush Boxwood, 2 feet	1.35
Ball Boxwood, 12 x 12 inches	1.50
COLCHICUMS, large bulbs	$5.00 per 100

Evergreens for Winter Window Boxes from 10c to 50c each.

The above prices are for good stock, delivered at railroad station at our Nurseries, at Tippecanoe City, Ohio. Packing at cost. We have about 1000 in surplus yet.

If interested in Perennials, Shrubs, Evergreens, Fruit Trees, Berry Plants and Vines, will quote by letter. **Shall we place you on our mailing list?**

Peter Bohlender & Sons,
Tippecanoe City, (Miami Co.) Ohio

Thousands of Chrysanthemums

20 kinds, **Cyclamens, Begonias, Primulas, Cinerarias, Etc.** Ready for market.

See our display adv. in American Florist, June 26, page 1211. Send for lists.

ALONZO J. BRYAN,
Wholesale Florist, Washington, New Jersey

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,
PEDRICKTOWN, N. J.

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,
Woolworth Bldg., New York City

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President; John Watson, Newark, N. Y., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916.

AUSTIN, TEX.—The office of Ed. L. Byers, chief inspector of orchards and nurseries of the state of Texas, has been moved to this city from Houston.

FORT WORTH, TEX.—J. B. Baker, of Baker Bros. Co., has returned from Detroit, Mich., where he attended the convention of the American Association of Nurserymen.

WE are in receipt of the Thirty-second annual report of the board of park commissioners of Minneapolis, Minn., profusely illustrated with maps and half-tone engravings.

NEW ALBANY, IND.—Considerable apprehension is being felt by fruit growers in this locality, following the appearance of pear blight, which is spreading throughout the county.

J. R. RICHARDS, superintendent of play grounds of the south park system, Chicago, delivered an address at the opening session of the national congress on "Recreation" at San Francisco, July 6.

DELAVAN, WIS.—The Moxley Nursery is reported to be in the most flourishing condition it has been for many years. All the vacant space of the 31 acres which comprise its extent is being utilized, and it is estimated that there is under cultivation 90,000 plants, shrubs, etc., of every description and variety.

Christmas Trees Planted by Millions.

That Uncle Sam is determined future generations of young Americans shall not suffer any decrease in the crop of Christmas trees is shown by the fact that the forest service is about finishing up its big planting of ten million trees. All over the vast areas of the national forest reserves in the western states, mostly in mountainous regions, this work has been vigorously prosecuted for several months.

European Pine Importation Prohibited.

Pursuant to a quarantine order signed by the secretary of agriculture, the importation of European pine trees into the United States will be prohibited after July 1. This action is taken to save American pine trees from the ravages of the pine shoot moth, which has already done much damage in European forests and has become established in nurseries and parks in some states. With the quarantine in effect, it is believed, however, that by pruning and destroying the affected nursery stock the disease can be stamped out.

The European pine shoot moth eats out the new buds and kills the young twigs of pine trees in such a way that the timber value is permanently lowered. The moth lays its eggs in August singly on the new buds of the pine, and the young larva hatches and eats its way into the buds, where it spends the winter. It is impossible to reach the larvæ with insecticides, and the only effective way of combating the pest is by pruning and destroying the infected buds and twigs.

French Nursery Stocks.

FROM OUR OWN CORRESPONDENT.

Fruit Tree Stocks.—The usual average has been sown and transplanted. There may be some shortage in one-year-old stocks, but the supply of two-year stocks is ample to cover any deficit in the smaller grades.

Ornamental Trees and Shrubs.—There will be the usual assortment, owing to the fact that they were propagated before the war began. As usual, the list is now so extensive that some items will be short and others too plentiful. In some the price will be slightly lower and in others advanced to a small extent, so that the average will be about the same.

Rose Stocks.—Canina is good and will be in sufficient supply. Manetti and La Grifferæ will be scarce and high. Multiflora and Polyantha seedlings will be in good supply at the usual price.

Roses.—A good assortment is ready for the next season's shipment and some of the novelties have been extensively propagated.

Labor.—The same conditions exist as in September last year. Some more men have left, but some wounded at the beginning of the war have returned. Women are employed more generally. German prisoners are employed also in some districts, so that the labor average is about 50 per cent of normal. This will suffice under present restricted business conditions.

Transportation.—Shipments will be made as usual, Bordeaux being now the principal seaport for the American lines. It is anticipated that all shipments for the United States will be made on time at the usual season.

Rejections.

Paper read by J. H. Dayton, Painesville, O., at the fortieth annual convention of the American Association of Nurserymen, Detroit, Mich., June 23-25, 1915.

Telegram:

April 18th.—Shipment of 10th at hand—not up to grade. Wire disposal, or will accept at one-half price.

Letter:

June 12th.—Enclosed find check as per your statement of June 1, less $15.87 for 75 peach, 25 pear, 38 gooseberries, 16 roses and 8 maples. Your invoice of October 25. Above stock was dead, damaged and crooked; we could not use it.

Report:

April 21st.—Received 435 Staymans, rejected 148; these are too large and do not match well with our own stock, several of them are one-inch or more in diameter. Received, 700 Baldwin, reject 235; 140 are under 11/16-in., 22 crooked, 36 no roots, 37 root gall. Received 15 red horse chestnuts, reject 4; these have no self starter.

Letter:

June 15th.—In response to your statement of June 1, the shrubs and roses sent us last fall are all dead. They were carefully handled, and you know that we have been in the business a long time and know how to care for and force stock. As they were no good, we must decline to pay your bill and should be reimbursed for our loss of time, care and profit on sales.

Any of the above sound familiar? What do you do? Send a credit memorandum? Order stock returned, which you know will be worthless when received, or so late in the season that you can only put it on the brush pile? Write and tell your customers, what they already know, that according to terms long established, all complaints must be made within five days after receipt of goods; that you are

THE QUESTION OF THE GARDENER

The indefatigable services he renders—the attitude of the average American estate owner towards him—the disproportionate remuneration he receives—all are fearlessly portrayed in the July number of

The Gardeners' Chronicle Of America,

by one of America's foremost amateur gardeners.

The subject is one of vital interest to estate owner and professional gardener alike and will provoke further discussion in the coming issues of **The Gardeners' Chronicle.**

Among other contents of the July number are articles on:—

Rock Gardens and Rockeries—An Eighty-five Acre Country Estate in New York City—Perennials That Thrive Through Neglect—Making a Rose Garden—Proper Turf For Putting Greens—Ornamental Fowl For Parks and Gardens—Flower Shows as Business Promoters—Concrete For the Country Home Grounds.

Work for the Month—in the flower, vegetable and fruit garden, and in the greenhouses.

Digests of timely topics from the leading American and European horticultural publications appear regularly in the **Chronicle.**

Published Monthly—
Subscription $1.50 per year.

—BY—

The Chronicle Press, Inc.
286 Fifth Avenue
NEW YORK, N. Y.

IF YOU ARE A
PROFESSIONAL GARDENER
Become a Member of the

National Association of Gardeners

Your dues, two dollars per year, include subscription to the Gardeners' Chronicle of America. Make your application for membership to

M. C. EBEL,
Secretary, Madison, N. J.

not responsible for loss or damage, after delivery of stock in good condition, properly packed to carrier at your station? That the trees, etc., had been carefully examined by a competent state inspector and no evidence found of scale, root gall, wire worms, hot air or perjury? That you shipped shrubs and roses from the same blocks, graded by the same men, to a great many firms who forced them all right and paid their bills promptly with no complaint or deduction? Do you mix in, with the above replies, according to the needs of your customers, blarney, sarcasm, appeal to reason and to common honesty, veiled and unveiled threats of refusal, and the terms of the law, and above all, the solemn fact that you need the money? Do you get a check back by return mail? If so, what will you take for copies of your letters, or a receipt as to how to write them?

Are all rejections reported wrong? No—I care not what your facilities are, or how sure you are that everything is labeled, graded and packed right, counts and recounts verified, some errors will be made, some stock sent out that never ought to go, and when a letter or report comes in promptly, giving definite numbers and reasons, the probability is that it is right and allowance for such cases is a legitimate over-head expense for every nurseryman, and should be figured in our selling prices.

What about the unjust ones? A nurseryman once told me that he figured on paying freight bills with his claims for shortage and rejected stock, and I am quite well convinced that others are working on about that basis, although they don't tell about it. If you have sand enough to call for a show down and run the risk of offending a customer (although such customers are generally costly ones in the end), it is easy enough for them to claim a mistake in reports from cellar or that goods have been misplaced or destroyed. Eliminating all proper and honest claims, I think any of you engaged in the wholesale business will agree with me, that there are many claims made, aggregating large amounts, every season that should never be entertained or allowed; that in some instances we are forced to carry the risks of our customer's business and have thrown back on us, the damage to goods in transit, or caused by improper handling and care for stock after received, saying nothing of claims from the man who bought early and finds the market going against him, or the man who over-bought and figures he will have a surplus. In fact, the man who tries, often succeeds in making his creditors stand part of the loss caused by his poor judgment as to when and what to buy. Common business integrity should cause us to stand our own losses and to report promptly on receipt, any claims we may have for adjustment, and yet every June and December in response to season statements come deduction and claim for allowance on stock shipped sometimes months before, and for which no previour report or claim has been made.

What are we going to do about it? Judging from past experience, grin or not, but surely bear it, and in effect put our seal of approval on the other fellow's sharp or dishonest practices. Perhaps it might be well for all of us to do a little thinking along the line of grading, both our own and the other fellow's stock. Remember just what was done with the block that was a little injured one winter, or that made up almost, but not quite to best grade. Give the other fellow credit for being just as anxious for a square deal as we are, until we know to the contrary.

Peonies and Iris

Catalogue Now Ready.

Peterson Nursery

Stock Exchange Bldg., Chicago, Ill.

Our Guarantee—We will replace with three all plants not proving true to description.

Mention the American Florist when writing

Those of us who have two sets of graders, one working on stock received and one on our own growing, might switch the gangs, say once a week. Does any one really think if the members of the American Association of Nurserymen would live up to our long established terms, no claims considered that are not made within five days after receipt of goods, that we are not responsible for loss or damage after delivery to carriers in good condition properly packed, that we would not shut off at least the larger part of unjust rejections? If we held our accounts open, refused to give more credit until settlement was made; in fact insisted on what was right, and only that, while it might cost some of us on the send off the loss of a few orders, it certainly could not but help in the end, all who are honestly striving for the betterment of our business. It does seem that this class, the vast majority of our members, ought to have the sand to stand together on a few business propositions and not allow a small minority to establish terms that are neither right nor just because we may possibly lose the profit on a few orders.

Controlling the Apple Borer.

"Worming" and painting the trunks of the trees are recommended to owners of apple orchards as efficient methods of dealing with the roundheaded apple-tree borer in a new farmers' bulletin, No. 675, of the United States department of agriculture. A heavy application of some paint that will not injure the trees but will remain in an unbroken coat on the bark for two or three months, is effective in preventing the female from laying her eggs in the tree, and greatly reduces the omount of tree, and greatly reduces the amount of worming, or the removal of the insects with a wire and knife that must be done.

INDEPENDENCE, KAN.—The horticultural outlook in Douglas county is particularly bright. The estimated value of the fruit crop is $30,030.

MIAMI, FLA.—For the purpose of deciding whether or not the nurserymen of Dade county should be allowed to sell their stock in the county, the state plant board, which was organized for the purpose of directing the campaign against citrus canker and other plant pests, is conducting hearings at several points in the county.

HEADQUARTERS

California Privet

In any quantity and any size desired
My Privet nas more branches than what is usually sent out. and I grade better.
Carloads a Specialty.

—ALSO—

Amoor River Privet,
Berberis Thunbergii,
Well grown and in large supply.

J T. LOVETT, Little Silver, N. J.

Baltimore Nurseries
California Privet

Any quantity, size and age. No better grown.
Shade and Ornamental Trees, Shrubs and Vines.
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Market Gardeners

Vegetable Growers' Association of America.

M. L. Ruetenik, Cleveland, O., President Daniel R. Comly, Philadelphia, Pa., Vice-President; S. W. Severance, Louisville, Ky., Secretary; E. A. Dunbar, Ashtabula, O., Treasurer.

Prices of Indoor Fruits and Vegetables.

Chicago, July 7.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 7½ cents per box; radishes, 75 cents to $1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 20 cents to 30 cents per dozen.

New York, July 7.—Cauliflower, per barrel, $1.25 to $1.50; cucumbers, 40 cents to 50 cents per dozen; mushrooms, 50 cents to $1.50 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 bunches, $1.50 to $2.00; lettuce, per 2 dozen crates, 35 cents to 75 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Greenhouse Tomato Culture.

Many complaints are heard this season in regard to poor crops of greenhouse tomatoes. The trouble is a poor setting of fruit. Directly, this is caused by cloudy, cool weather conditions and excessive rains on one hand and carelessness on the part of growers on the other hand. During such a period as we have passed through the last five weeks, some attention must be given, as matters will not run themselves.

While tomatoes generally set fruit pretty readily during warm, sunny weather, in the absence of such weather, the expert grower must resort to every means at his hands to secure success. Such weather conditions are a benefit in disguise, as by a reduction in output in a general way, the active grower reaps his reward.

Among the necessary cultural methods comes, first, restricted moisture; second, assistance in pollination; third, fire heat. In these notes we have often emphasized the need of reducing the soil and atmospheric moisture at the time of fruit setting; we must prevent a rank growth, and also assist the formation of potent pollen by carrying a dry atmosphere. If outside conditions are against us, start the fires just enough to correct the trouble.

We have a house of Bonney Best tomatoes that is carrying a heavy crop, produced under very unfavorable conditions. This house carried a heavy crop of lettuce late into the season. The lettuce was cut about May 10, and at that time had almost choked out the tomatoes. Immediately after removing the lettuce, the house received one good watering, followed by a thorough hoeing, and no more water was applied until dry rot appeared upon a few of the half-grown fruits. At every favorable opportunity, daily, the house was pollinated by using the "drum stick," simply a handy round stick to jar the plants to shed the pollen. The plants are on strings and a half dozen sharp raps with the stick will start the pollen during the noon hours, and the work is rapidly done. Since the fruit is set we have watered heavily to get all the size we can.

MARKETMAN.

Controlling the Squash Vine Borer.

The squash-vine borer lives largely upon the squash and pumpkin, but is also found on the muskmelon, cucumber and gourd. Its presence is not usually detected at first, but can later be located by the coarse, yellowish excrement which the borers force from their burrows in the stems, and which accumulates on the ground beneath. Later the leaves suddenly wilt and die down, and unless the borers are cut out of the vines, the chances are great that the vines will be killed. The larvae are known to bore through the stems from the roots to the base of the leaves, and through the leaf stalks, according to the new United States department of agriculture Farmers' Bulletin No. 668, "The Squash-Vine Borer." The Hubbard squash, marrow cymlings and other late varieties of squash often suffer the greatest injury from the squash-vine borer, and the devastations are likely to be more acutely felt in small gardens than in large commercial fields.

Not infrequently crops are lost year after year where the ground is successively planted to pumpkins, squashes or other crops which the borers infest. Since the insect passes the winter in the fields which it has ravaged, the ground should not be replanted the succeeding year to crops on which the borer lives.

Good results have often been obtained by planting as a trap crop, as early as possible, a few summer squashes such as crookneck and early cymlings, between the rows of the main crop of late varieties. The summer squashes attract the borers in such numbers as to leave a much smaller number to deal with upon the late or main crop. As soon as the early crop is harvested, or earlier, if the ground is needed for the main crop, the summer squashes and vines are raked up and burned to destroy all larvae which they may harbor. The same treatment is followed after gathering the late varieties. This method has proved profitable where used in New Jersey, and should produce good results further north. In the south, however, where well defined broods of borers appear, it may not be so efficient, but is at least worthy of a thorough test.

Another cultural method which tends to restrict the damage is to cover a small part of the vines, after they have attained some length, with earth, so that secondary roots will be sent out to support the plants in case the main root is injured by the borer. When the vines are so badly infested as to be incapable of bearing fruit, they usually die at once, and should be promptly taken off the field and burned. As soon as the crop is matured, the old vines should be destroyed.

The old-time remedy of cutting the borers out of the vines, although laborious, is useful. It is about the only method open for employment after the borers have entered the vines. As several individuals often infest a single vine, it is best to cut longitudinally so as not to sever the vine from the root stalk. The wound will heal more quickly if covered with moist soil. The location of the borer in the vine may be readily detected by the accumulation of yellow "frass" or excrement at the point where it is working.

BALTIMORE, MD. — A severe hail storm in this vicinity did considerable damage, many truckers losing their entire crops, necessitating replanting.

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SUMMER AND FALL, 1915

I. FERNS:

Adiantum cuneatum, 4-inch, at $1.25 per doz.

Assorted Ferns, Pteris, Cyrtomium, Aspidium, etc., 3-inch, at $6.00 per 100.

Assorted Ferns for Dishes, flats holding 150 to 200 plants, at $1.50 and $2.00 per flat.

Assorted Ferns for Dishes, 2-inch, at $3.00 per 100.

BOSTON FERNS.

2-inch at $0.50 per doz; $ 4.00 per 100.
3-inch at $1.00 per doz.; $ 7.00 per 100.
4-inch at $1.50 per doz.; $12.00 per 100.
5-inch at $3.00 per doz.; $25.00 per 100.
6-inch at $6.00 per doz.; $50.00 per 100.
7-inch at $0.75 each; $9.00 per doz.
8-inch at $1.00 each; $12.00 per doz.
9-inch at $1.50 each; $18.00 per doz.

Larger specimens at $2.00, $2.50 and up each.

Boston Ferns, hanging baskets, at $1.00 and $1.50 each.

Boston Ferns, extra large hanging baskets, at $3.00 and $4.00 each.

Cyrtomium falcatum, 2-inch, at $3.00 per 100.

Cyrtomium falcatum, 3-inch, at 10c; $6.00 per 100.

Cyrtomium falcatum, 6-inch, at 35c.

Pteris tremula, 4-inch, $1.50 per doz.; $12.00 per 100.

Whitmani Ferns, 2-inch, at $4.00 per 100.

Whitmani Ferns, 3-inch, at $1.00 per doz.; $8.00 per 100.

Whitmani Ferns, 4-inch, at $2.00 per doz.; $15.00 per 100.

Whitmani Ferns, 5-inch, at $3.00 per doz.

Whitmani Ferns, 6-inch, at 35c and 50c.

II. PALMS:

Areca lutescens, 2-inch, at $1.20 per doz.; $9.00 per 100.

Areca lutescens, 5-inch, at 50c; $5.00 per doz.

Cocos Weddelliana, 2-inch, at $1.75 per doz.; $14.00 per 100.

Cocos Weddelliana, 3-inch, at $2.50 per doz.

KENTIA BELMOREANA.

Size	Leaves	Height	Each	Doz.	Per 100
2-inch	4	8″		$ 1.50	$12.00
3-inch	4-5	8-10″		2.00	15.00
4-inch	4-5	12-14″		4.50	35.00
5-inch	5-6	15-18″	$ .50	6.00	50.00
6-inch	5-6	20-22″	1.00		
7-inch	6-7	26-28″	2.00		
7-inch	6-7	30-32″	2.50		
8-inch	6-7	60″	10.00		

KENTIA FORSTERIANA.

Size	Leaves	Height	Each	Doz.	Per 100
2-inch	4	8″		$ 1.50	$12.00
3-inch	4-5	8-10″		2.00	15.00
4-inch	4-5	14-16″		4.50	35.00
5-inch	5-6	16-18″	$ .50	6.00	
6-inch	5-6	20-26″	1.00	12.00	
7-inch	6-7	36-40″	2.50		
8-inch	6-7	64-68″	9.00		
9-inch	6-7	72″	11.00		
9-inch	7-8	80-84″	12.00		
9-inch	7-8	84-88″	15.00		

KENTIA, MADE UP.

Belmoreana, 5-inch, 3-4 in a pot, at 50c and 75c.

Latania Borbonica, 2-inch, at $6.00 per 100.

Latania Borbonica, 3-inch, at $1.25 per doz.; $10.00 per 100.

Latania Borbonica, 6-inch, at 50c each.

Phoenix Roebelenii, 5-inch, at 75c each.

III. ASPARAGUS:

Asparagus plumosus, 2-inch, at $3.00 per 100.
Asparagus plumosus, 3-inch, at $6.00 per 100.
Asparagus plumosus, 4-inch, at $1.50 per doz.; $12.00 per 100.
Asparagus plumosus, 6-inch pans, made up, at $3.00 per doz.
Asparagus Sprengeri, 2-inch, at $2.50 per 100.
Asparagus Sprengeri, 3-inch, at $5.00 per 100.

IV. CYCLAMEN:

The popularity of these splendid winter-flowering plants is steadily increasing and to meet the growing demand we have had to increase our stock from year to year. We have been especially successful with our methods of cultivation and offer a larger and finer stock than ever for the 1915 season. Over 30,000 healthy and clean pot grown plants in the best known strains and varieties.

Wonder of Wandsbek	Excelsior
Glory of Wandsbek	Prince of Wales
Dark Red	Princess May
Brilliant Red	Giant White
Bright Red	Rose von Marienthal
Buckstone, Salmon	

These splendid international strains can be had either in separate colors or assorted.

3-inch, mixed colors, $8.00 per 100; $75.00 per 1,000.
3-inch, separate colors, $9.00 per 100; $80.00 per 1,000.
4-inch, mixed colors, $15.00 per 100; $140.00 per 1,000.
4-inch, separate colors, $16.00 per 100; $150.00 per 1,000.

V. HYDRANGEA HORTENSIS:

In order to meet the increasing demand for these favorite plants, we have had to largely increase our stock this season. We have the old, well known Otaksa and also an assortment of the best French varieties for Fall shipment.

Otaksa, 5-inch, 3 in a pot, at $3.60 per doz.

The following is a list of the French varieties—5-inch, 3 in a pot, at $4.20 per doz.:

Beaute Vendomoise	Mons. Ghys
Bouquet Rose	Mont Rose
General de Vibraye	Mousseline
La France	President Fallieres
La Lorraine	President Viger
La Perle	Radiant
Mme. E. Mouillere	Ronsard
Mlle. Agnes Barillet	Souv. du Lieut. Chaure

VI. MISCELLANEOUS PLANTS:

Anthericum Mandaianum, new, splendid for hanging baskets, 3-inch, at $1.50 per doz.

ASPIDISTRA.

We are in a position to offer a large, splendid stock of the imperishable "Iron Plant" in tall, extra fine, green leaved and variegated specimens. They are in 5, 6 and 7-inch pots and have 8 to 25 leaves to a plant.

Green leaved: 10c per leaf.
Variegated: 15c per leaf.

Begonia Rex: Choice, highly colored varieties: 2½-inch, at $5.00 per 100; 3-inch, at $10.00 per 100.

Calla, Godfrey, the best for cutting, 4-inch, at $6.00 per 100.

Crotons, fine plants, 5-inch, at $6.00 per doz.

Cyperus alternifolius, the popular "Umbrella Plant," for Aquariums, 2-inch, at $2.50 per 100; 3-inch, at $5.00 per 100.

Dracaena fragrans, 3-inch, at $1.80 per doz.

Dracaena fragrans, 4-inch, at $3.00 per doz.

Dracaena hybrida Lord Wolseley, 6-inch, at $1.25-$1.50.

DRACAENA INDIVISA.

2-inch, at $3.00 per 100.
3-inch, 75c per doz.; $6.00 per 100.
4-inch, $1.25 per doz.; $10.00 per 100.

Fuchsia, 3-inch, assorted, at $5.00 per 100.

Ivy, English, 4-inch, 2 in a pot, for Fall delivery, at $10.00 per 100.

Jerusalem Cherry, Solanum Melvinii, 3-inch, $5.00 per 100; 4-inch, at $8.00 per 100.

Pandanus utilis, 5-inch, at $6.00 per doz.

Pandanus Veitchii, 3-inch, at $3.00 per doz.

Primula Obconica Gigantea, rose and dark red shades, 2-inch, at $3.00 per 100; 3-inch at $5.00 per 100.

Poinsettia Pulcherrima, strong, bushy stock, ready for shipment July-September, 2-inch, at $5.00 per 100; $45.00 per 1,000.

ROSES.

Baby Tausendschoen, 3-inch, at $5.00 per 100.
Mme. Levavasseur, 3-inch, at $5.00 per 100.
Tausendschoen, cuttings of 2-inch, at $3.00 per 100.

Tausendschoen, strong 5-inch stock, at $2.50 per doz.

Dorothy Perkins, double, 3-inch, at $5.00 per 100.

My Maryland, 3-inch, at $6.00 per 100.

Sansevieria Zeylanica, 4-inch, at $2.00 per doz.; 5-inch, at $4.00 per doz.; 6-inch, at $7.00 per doz.

HARDY VINES, POT-GROWN.

Ampelopsis Veitchii, 4-inch, at $1.50 per doz.; 5-inch, at $2.00 per doz.

Clematis Jackmannii, strong plants in 6-inch pots, at $4.20 per doz.

PEONIES, FOR FALL DELIVERY.

Assorted pink, white and red clumps with 4 to 6 eyes, at $1.80 per doz.

Strong clumps with 8 to 15 eyes at $4.00 per doz.

SPECIAL PRICES ON FANCY HANGING BASKETS, FERN-DISHES, ETC.

Round Hanging Baskets, 10-inch, woven of split bamboo, and varnished, provided with chains and self-watering tin liner filled with Annuals or Boston Fern. Price, $1.50, complete.

Rectangular Rattan Baskets, finished in green and gold, provided with self-watering tin liner 16 inches long by 6 inches wide and 5 inches deep, filled with Whitmani Ferns. Price, $1.75.

Earthenware Green Hanging Baskets with brass chains, 8 inches inside, filled with Asparagus Sprengeri. Price, $9.00 per doz.

6-inch Green Jardiniere with a 5-inch Kentia palm at $9.00 per doz.

Wicker Baskets, 4-inch, with Cocos Palm, $4.20 per doz.

Terra Cotta Fern Dish filled with table ferns, 6-inch, complete, $6.00 per doz.

Window Box, 30 inches long, filled with Geraniums, Petunias and Vines, $1.50.

Self-watering Tub, 10 inches in diameter, filled with Geraniums, Petunias and Vines. Price, 75c.

Rustic Hanging Box, filled with Geraniums and Wandering Jew:
6x6-inch size, 35c each; $4.00 per doz.
8x8-inch size, 50c each; $5.00 per doz.

JOSEPH HEACOCK COMPANY'S
PALMS AND FERNS

Kentia Forsteriana

	Leaves	In. high	Each	Per doz.
6-in. pot	5 to 6	28 to 30	$1.00	$12.00
6-in. pot	5 to 6	34 to 36	1.50	18.00

Made-up Kentia Forsteriana

	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	18.00

Phoenix Roebelenii

	Each
7-in. tub, 18 in. high, 24 in. spread	$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
4-in. pot	5 to 6	15	$0.40	4.50
6-in. pot	6 to 7	24	1.00	12.00
6-in. pot	6 to 7	28 to 36	1.50	18.00
	Leaves	In. high	Each	Per doz.
9-in. cedar tub	6 to 7	42 to 45	$4.00	$48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
9-in. cedar tub	6 to 7	48 to 54, very heavy	6.00	
9-in. cedar tub	6 to 7	5 ft., very heavy	8.00	

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Mrs. Aaron Ward,	4-inch strong -	15.00	120.00
Killarney,	4-inch strong -	12.00	100.00
American Beauty, Own Root, 3½-inch -		10.00	95.00
Killarney Brilliant, 4-inch - - - -		12.00	110.00
Prince de Arenberg, 4-inch - - - -		12.00	110.00

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Not less than 25 of a kind at 100 rate. Cash with order.

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Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere. $2.50 per 1000. 5000 for $10.00.

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Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

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Alterantheras, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

AMPELOPSIS.

Ampelopsis Veitchii, 4-inch, $1.50 per doz.; 5-inch, $2 per doz. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

ARAUCARIAS.

Araucaria excelsa, 6-in., 65c each. Holton & Hunkel Co., 462 Milwaukee St., Milwaukee, Wis.

Araucaria Robusta Compacta, large plants, $2.50. each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS.

ASPARAGUS PLUMOSUS NANUS, out of 2¼-in. pots, $3 per 100; $25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, $5 per 100; $45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

Asparagus plumosus, 2-inch, $3 per 100; 3-inch, $6 per 100; 4-inch, $1.50 per doz.; $12 per 100; 6-inch, pans, made up, $3 per doz. Sprengeri, 2-inch, $2.50 per 100; 3-inch, $5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, $12.50 per 100; 2-inch, $3; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, $2.50 per 100; $20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

Asparagus plumosus nanus plants, from flats, grown from our own greenhouse seed, $8 per 1,000. B. H. Haverland, Mt. Healthy, O.

Asparagus plumosus, 3-inch, nice bushy plants, $5 per 100. Cash please. Edgar Easterday, Nokomis, Ill.

Asparagus plumosus, 2-in. pots, $2 per 100; Sprengeri, $2 per 100; $17.50 per 1,000. Jos. H. Cunningham, Delaware, Ohio.

ASPIDISTRAS.

Aspidistras, green and variegated specimens, 5, 6 and 7-inch pots, 8 to 25 leaves to a plant, green, 10c per leaf; variegated, 15c per leaf. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

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ASTERS. Vick's finest cut flower varieties, from Vick's seed, assorted kinds, 2¼-inch pots, $1.50 per 100; $12.50 per 1,000. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

BAY TREES.

Bay trees, standards and pyramids; all sizes, Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BEDDING PLANTS.

Bedding Plants—Ageratum, begonias, Cobea scandens, caladiums, dusty miller, rose geraniums, lobelias, primulas, petunias, salvias, smilax, Torenia Fourneri, verbenas, Wandering Jew. For sizes and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Bedding stock, coleus, achyranthes, salvias, lemons, verbenas, alternantheras, lobelias, begonias, 2-inch, $2 per 100; $18.50 per 1000; 3-inch, $3 per 100; $25 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Glory of Cincinnati 2½-inch ready for 4-inch, $18 per 100; $150 per 1,000. Begonia Melior, 2½-in., $25 per 100. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Begonia Gloire de Lorraine, 3-inch, $18 per 100; $170 per 1,000. Glory of Cincinnati, 2-inch, $18 per 100; $150 per 1,000; 3-inch, $20 per 100; $175 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Glory of Cincinnati, 2¼-inch, fine plants, $15 per 100; $140 per 1,000. Lorraine, $12 per 100. Chatelaine, 2¼-inch, $5 per 100. Xmas Red, 2¼-inch, $6 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonia Rex, 2½-inch, $5 per 100; 3-inch, $10 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

BOXWOOD.

Boxwood, balled and burlapped, pyramid, 3 to 3½ ft., $1.60; 3½ to 4 ft., $1.75; 4 ft., $2. Bush, 18 inches, 75c; 2 ft., $1.35. Ball, 12x12 inches, $1.50. Evergreens for winter window boxes from 10c to 50c each. Peter Bohlender & Sons, Tippecanoe, Ohio.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Box trees, standard, pyramid and bush, in various sizes. Price list on demand. Julius Roehrs Co., Rutherford, N. J.

BULBS.

Freesias, California grown, choice, ½ to ⅝-inch, 65c per 100; $5 per 1,000; 1st quality, ⅜ to ½-inch, 45c per 100; $3 per 1,000. Vaughan's Improved Purity, ⅝-inch and up, $2.25 per 100; $18 per 1,000; ½ to ⅝-inch, $1.75 per 100; $15 per 1,000; ⅜ to ½-inch, $1.50 per 100; $12 per 1,000. Purity, true, ⅝ and up, $2 per 100; $18 per 1,000; ½ to ⅝-inch, $1.60 per 100; $13 per 1,000; ⅜ to ½-inch, $1.25 per 100; $10 per 1,000. Vaughan's Seed Store, Chicago and New York.

CALLA BULBS, 1¼ to 1½-inch, $30 per 1,000; 1½ to 2-inch, $50 per 1,000. EMILE SERVEAU, 2112 Fillmore St., San Francisco, Calif.

Bulbs, cold storage, giganteum and magnificum. For prices see advertisement on front cover. Wm. F. Kasting Co., 383-387 Ellicott St., Buffalo, N. Y.

Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

French bulbs. Prices on application by wire or mail. A. & L. Bremond Freres, Ollioules, Var., France.

Bulbs, Freesia Purity and calla lily. Santa Cruz Bulb & Plant Co., 21 Pacific Ave., Santa Cruz, Calif.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, King Humbert, 3-inch, $5 per 100; 4-inch, $7 per 100. Florence Vaughan, 3-inch, $4 per 100; 4-inch, $6 per 100. Express, 3-inch, $5 per 100; 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

CANNAS, good varieties, strong plants in 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

CARNATIONS.

WE HAVE READY NOW FOR IMMEDIATE SHIPMENT FROM THE FIELD 400,000 WELL ESTABLISHED CARNATION PLANTS, INCLUDING THE FOLLOWING VARIETIES:

	PER 100
WHITE WONDER	$7.00
WHITE PERFECTION	6.00
WHITE ENCHANTRESS	6.00
PINK ENCHANTRESS	6.00
WINSOR	5.00
PHILADELPHIA	8.00
BEACON (RED)	6.00
COMFORT (SCARLET)	6.00

LET US QUOTE YOU ON LARGE QUANTITIES. WE GUARANTEE EVERY PLANT THAT WE SEND OUT.

PITTSBURGH CUT FLOWER CO.,
121 7TH ST., PITTSBURGH, PA.

FIELD-GROWN CARNATION PLANTS.

	100	1,000
Enchantress Supreme	$8.00	$70.00
Champion	8.00	70.00
Philadelphia	7.00	65.00
Beacon	7.00	60.00
White Perfection	7.00	60.00
White Wonder	7.00	60.00
Enchantress	6.00	55.00
Mrs. C. W. Ward	6.00	55.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

GEORGE PETERS & SONS.
HEMPSTEAD, NEW YORK.

Carnation plants, Pink Enchantress, Rose Pink Enchantress, $4.50 per 100; $40 per 1000. White Perfection, Mrs. C. W. Ward, $4 per 100; $35 per 1000. Philadelphia, $5 per 100; $45 per 1000. Peter Reinberg, 30 East Randolph St., Chicago.

HARDY CARNATIONS, good thrifty plants, $2.50 per 100. SWEET WILLIAMS, fine mixed, $1.50 per 100. Cash, please. GEORGE POPP, JR., Fort Recovery, Ohio.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.	Per 100	Per 1,000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Alice Byron	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
CRIMSON.		
Shrimpton	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00

CHRYSANTHEMUMS FROM 2½-INCH POTS.

	Per 100	Per 1,000
Smith's Advance	$2.50	$20.00
October Frost	2.50	20.00
Alice Salomon	4.00	35.00
Alice Byron	2.50	20.00
Chas. Razer	2.50	20.00
Lynwood Hall	2.50	20.00
Shrimpton	2.50	20.00
Golden Salomon	4.00	35.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

FROM OUT-DOOR STOCK PLANTS.
$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

FROM OUT-DOOR STOCK PLANTS.
ROOTED CUTTINGS ONLY—Immediate delivery—October Frost, Monrovia, Dr. Enguehard, $1.25 per 100; $12 per 1,000. MEMPHIS FLORAL CO., Memphis, Tenn.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Ramapo, yellow	2.00
Col. D. Appleton, yellow	2.00
Bonnaffon, yellow	2.00
Chas. Razer, white	2.00
Chrysolora, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00
Lynwood Hall, white	2.00
Chieftain, pink	2.00

CUT BACK PLANTS.

Well established in soil. Fine stock. Order early.

	Per 100
Salomon Gold	$4.00
Chrysolora	2.00
Ramapo	2.00
Robt. Halliday	2.00
Col. D. Appleton	2.00
Nagoya	2.00
Intensity	2.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Agloi, variegated	2.00
H. Hicks, brown	2.00
Mrs. Beu	2.00
Baby Margaret	2.00
Klondyke	2.00

CUT BACK POMPONS.

Diana	$2.00
Mensa	2.00
Quinola	2.00
Baby	2.00
Pretoria	2.00
Agloi	2.00
Tiber	2.00
H. Hicks	2.00
Golden Climax	2.00
Overbrook	2.00
Mrs. Astor	2.00
Excelsior	2.00
Sabey	2.00
Zenobia	2.00
Mrs. Cubit	2.00
Mary Richardson	2.00
E. D. Godfrey	2.00
Emile	2.00
Ladysmith	2.00

WIETOR BROS.,
162 N. Wabash Avenue, Chicago, Ill.

Chrysanthemums from 2¼-inch pots: Odessa, $20 per 100. Oconto, Smith's Ideal, Edwin Seidewitz, Indian Summer, Salomon's Gold, $6 per 100. Chieftain, Mary E. Meyer, Adonis, Harvard, W. H. Chadwick, $4 per 100. Chrysolora, C. Touset, Donatello, Golden Glow, October Frost, Pink Ivory, Smith's Advance, Yellow Ivory, Yellow Frost, D. Appleton, $3 per 100. Pompons: Golden Climax, Golden Harvest, Golden West, Clorinda, Iva, Lillian Doty, Minta, Nio, Zenobia, $3 per 100. Elmer D. Smith & Co., Adrian, Mich.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

Pompon Chrysanthemums in a good assortment, 2-inch, $2 per 100; $18.50 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2½-inch pots, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

Chrysanthemums, Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

CHRYSANTHEMUMS.

CHRYSANTHEMUM SURPLUS.

2,500 Chrysolora, 1,000 Double Yellow Pompon, 300 Double Yellow early, 300 Yellow Mensa, single; 500 Moller, 500 Double Bronze Pompons, early; 250 Golden Wedding, 100 Mensa, white single; 300 double Yellow Baby, 100 Salomon Gold. This is stock from 3-inch pots and soft, $3 per 100; $25 per 1,000. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

MUMS—Surplus from 2-inch pots, $2 per 100: 400 Harvard, 400 Helen Newberry, 100 Dolly Dimple, 100 Emberta, 100 Chadwick Supreme, 150 Golden Gate, 100 Helen Frick. Cash with order. W. H. CULP & CO., Wichita, Kansas.

CLEMATIS.

Clematis Jackmannii, 6-inch, $4.20 per doz. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COBÆA 3-inch, staked, $5 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS.

COLEUS, Golden Bedder, Firebrand and other best bedding sorts, $1.50 per 100; $12.50 per 1,000; strong 2-inch pot plants, not tall or leggy. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

COLEUS, 2-inch, mixed, $2 per 100; $18 per 1,000; 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS, good assortment, 2½-inch pots, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

CROTONS.

Crotons, 3-in., 25c; 4-in., 35c; 5-in., 50 to 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

Crotons, 5-inch, $6 per doz. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

CYCLAMEN.

Cyclamen, Wonder of Wandsbek, Glory of Wandsbek, dark red, brilliant red, bright red, Buckstone, Excelsior, Prince of Wales, Princess May, Giant White, Rose von Marienthal, 3-in., mixed, $8 per 100; $75 per 1000; 3-inch separate colors, $9 per 100; $80 per 1000; 4-inch, mixed, $15 per 100; $140 per 1000; 4-inch, separate colors, $16 per 100; $150 per 1000. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

CYCLAMEN.

Best strain of colors. Xmas Red, Wonder of Wandsbek (best salmon), Rose of Marienthal, Glowing Dark Red, White with Red Eye, Pure White. Strong plants out of 2¼-in. pots, $5 per 100 or $40 per 1,000. Satisfaction guaranteed. Cash with order, please.
J. H. FIESSER,
709-741 Hamilton Ave., North Bergen, N. J.

Cyclamen, pure white, white with red eye, Excelsior, Wonder of Wandsbek, Glory of Wandsbek, Rose of Marienthal, dark red, Rosy Morn, brilliant red and bright red, 3-in., $8 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen, large flowering, twice transplanted, shipped in paper pots, 3-inch, extra strong, $10 per 100; 3-inch, strong, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Cyclamen giganteum, 3-inch, ready for shift, $10 per 100; $90 per 1,000. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Cyclamen Gig., Wandsbek type, finest in existence, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $8 per 100; $75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen, strong, 2½-inch, $6 per 100; 3-inch, $8 per 100. Vaughan's Seed Store, Chicago and New York.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracaena Fragrans, 3-inch, $1.80 per doz.; 4-inch, $3 per doz. Hybrida Lord Wolseley, 6-inch, $1.25 and $1.50. Indivisa, 2-inch, $3 per 100; 3-inch, 75c per doz.; $6 per 100; 4-inch, $1.25 per doz.; $10 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Dracæna indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACÆNAS, good large bushy plants, 5 and 6-inch pots, $25 per 100. ELI CROSS, Grand Rapids, Mich.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

Ferns, Adiantum cuneatum, 4-inch, $1.25 per doz. Assorted Pteris, cyrtomium, aspidium, etc., 3-inch, $6 per 100. Ferns for dishes, assorted, flats of 150 to 200, $1.50 and $2 per flat; 2-inch, $3 per 100. Boston, 2-inch, 50c per doz.; $4 per 100; 3-inch, $1 per doz.; $7 per 100; 4-inch, $1.50 per doz.; $12 per 100; 5-inch, $3 per doz.; $25 per 100; 6-inch, $6 per doz.; $50 per 100; 7-inch, 75c each; $9 per doz.; 8-inch, $1 each, $12 per doz.; 9-inch, $1.50 each; $18 per doz.; specimens, $2; $2.50 and up each. Hanging baskets, $1 and $1.50 each; extra large, $3 and $4 each. Cyrtomium falcatum, 2-inch, $3 per 100; 3-inch, 10c; $6 per 100; 6-inch, 35c. Pteris tremula, 4-inch, $1.50 per doz.; $12 per 100. Whitmani, 2-inch, $4 per 100; 3-inch, $1 per doz.; $8 per 100; 4-inch, $2 per doz.; $15 per 100; 5-inch, $3 per doz.; 6-inch, 35c and 50c each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

100,000 good strong 2-in. Ferns: Boston, $3.50 per 100; $30 per 1,000. Springfieldii, 2½-in., $4 per 100; $35 per 1,000. Boston, Roosevelt and Springfieldii, 3-in., $8 per 100; Boston, 4 in., $1.50 per doz.; $12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.
THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO.

California's well known, and most beautiful fern, "Five Finger;" strong stock, fronds 5-in. to 14-in., tall, $40 per 1,000; $20 per 500; $7 per 100. Woodwardia ferns same size and same price as "Five Finger." Prompt shipment. Ferns cash. T. E. HOFFMAN, Los Gatos, Calif.

BOSTON FERNS, 6-inch, $35 per 100; small lots, 40c. Cash. H. W. Allersma, Grand Rapids, Mich.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

GERANIUMS.

Geraniums, 3-inch pots, standard varieties such as S. A. Nutt, A. Ricard, Beaute Poitevine, Berthe de Pressilly, La Favorite, Mme. Recamier, John Doyle, Marq. de Castellane, etc., $3 per 100; $25 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, Nutt, Grant, Perkins, Viaud, La Favorite, 4-inch, $7 per 100. Variegated, Nutt, 2½-inch, $5 per 100. Silver leaf, 2-inch, $2 per 100. Rose geraniums, 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

GERANIUMS, S. A. Nutt, 4-inch, few double pink and Ricard, fine plants in bloom. Cash. H. W. Allersma, Grand Rapids, Mich.

GLADIOLUS.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag. Perpetuated moss, $3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Prepared magnolia leaves, green, brown, red and purple, $1 per carton. Knud Nielsen, Evergreen, Ala.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag; perpetuated moss, $3.50 per bag. E. A. Beaven, Evergreen, Ala.

Clean Huckleberry Foliage, $2.50 per crate or bale; terms cash. T. E. Hoffmann, 424 Seneca St., Palo Alto, Calif.

HELIOTROPE.

HELIOTROPE, 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangea Hortensis, Otaksa, 5-inch, 3 in a pot, $3 per doz. French Varieties, 5-inch, 3 in a pot, $4.20 per doz.; Beaute Vendomoise, Bouquet Rose, General de Vibraye, La France, La Lorraine, Le Perle, Mme. E. Mouillere, Mlle. Agnes Barillet, Mons. Ghys, Mont Rose, Mousseline, President Fallieres, President Viger, Radiant, Bonsand, Souv. du Lieut. Chaure. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

HYDRANGEAS, Otaksa, in bloom, from 25c to $3 each. Small plants, 3-inch pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

IVIES.

ENGLISH IVY, 20 to 30 ins. $3; from pots, 12 to 15 ins., $4 per 100. CHAS. FROST, Kenilworth, N. J.

GERMAN IVY, rooted cuttings, 60c per 100; $5 per 1,000. C. L. Van Meter, Monticello, Iowa.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Ivy, English, 4-inch, $10 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

LILY OF THE VALLEY.

To Import.

Lily of the Valley, largest grower and exporter. E. Neubert, Wandsbek, nr. Hamburg, Germany. Apply to Otto Heinecken, 17 Battery Pl., New York.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

Cold Storage Valley. Brun's Celebrated Chicago Market Brand (best to be had) valley, giving the best results all year round, $16 per 1,000; $8.50 for 500; $4.50 for 250; $2 per 100. Florist's Money Maker, best valley at moderate prices, $14 per 1,000; $7.50 for 500; $4 for 250. H. N. Bruns, 3032 Madison St., Chicago.

MISCELLANEOUS.

Chrysanthemums, cyclamens, begonias, primulus, cinerarias. Alonzo J. Bryan, Washington, New Jersey.

Umbrella plants, 2-inch, $2.50 per 100; 3-inch, $5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

UMBRELLA plants, strong 3 to 5-inch pots, $10 to $25 per 100. HENRY SMITH, Grand Rapids, Mich.

Anthericum mandianum, for baskets, 3-inch, $1.50 per doz. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PALMS FROM SEED PANS.

	Per 100	Per 500
Washingtonia Filifera	$1.00	$ 4.00
Washingtonia Robusta	4.00	15.00
Chamerops Excelsa	1.00	4.00

C. S. TAIT, BRUNSWICK, GA.

PALMS.

KENTIA BELMOREANA.
Single Plants.
3-inch, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18	$ 0.35
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	40 to 42....	3.00
8-inch tubs,	6 to 7,	40	3.50
8-inch tubs,	6 to 7,	42 to 44....	4.00
8-inch tubs,	6 to 7,	45 to 48....	5.00

Specimens, $20.00 to $40.00.

KENTIA FORSTERIANA.
Single Plants.
3-inch pots, $2 per doz., $15 per 100.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....$	0.35
6-inch pots,	5 to 6,	28 to 30....	1.00
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

KENTIA FORSTERIANA.
Made-Up Plants.

	Inches high.	Each.
6-inch pots, 3 plants in a pot,	28 ..	$1.50
7-inch pots, 3 plants in a pot,	36 to 38..	2.50
7-inch tubs, 4 plants in a tub,	38 to 40..	3.00
8-inch tubs, 4 plants in a tub,	38 to 44..	3.50
8-inch tubs, 3 plants in a tub,	48 to 54..	5.00
8-inch tubs, 4 plants in a tub,	52 to 56..	6.00
10-inch tubs, 4 plants in a tub,	5 ft. high	8.00
12-inch tubs, 4 plants in a tub,	5 to 5½ ft.	10.00
12-inch tubs, 4 plants in a tub,	6 ft. high	12.00

Very strong specimens. 15-inch tubs, 7 plants, $15.00, $18.00 and $25.00.

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

PALMS.

Areca lutescens, 2-inch, $1.20 per doz.; $9 per 100; 5-inch, 50c each; $5 per doz.

Cocos Weddelliana, 2-inch, $1.75 per doz.; $14 per 100; 3-in., $2.50 per doz.

KENTIA BELMOREANA.

Size	Leaves	Height	Each	Doz.	Per 100
2-inch	4	8-inch		$1.50	$12.00
3-inch	4-5	8-10-inch		2.00	15.00
4-inch	4-5	12-14-inch		4.50	35.00
5-inch	5-6	15-18-inch	$ .50	6.00	50.00
6-inch	5-6	20-22-inch	1.00		
7-inch	6-7	26-28-inch	2.00		
7-inch	6-7	30-32-inch	2.50		
8-inch	6-7	60-inch	10.00		

KENTIA FORSTERIANA.

Size	Leaves	Height	Each	Doz.	Per 100
2-inch	4	8-inch		$1.50	$12.00
3-inch	4-5	8-10-inch		2.00	15.00
4-inch	4-5	14-16-inch		4.50	35.00
5-inch	5-6	16-18-inch	$ .50	6.00	
6-inch	5-6	20-26-inch	1.00	12.00	
7-inch	6-7	36-40-inch	2.50		
8-inch	6-7	64-68-inch	9.00		
9-inch	6-7	72-inch	11.00		
9-inch	7-8	80-84-inch	12.00		
9-inch	7-8	84-88-inch	15.00		

Belmoreana, made up, 5-inch, 3-4 in a pot, 50c and 75c. Latania Borbonica, 2-inch, $6 per 100; 3-inch, $1.25 per doz.; $10 per 100; 6-inch, 50c each. Pheonix Roebeleni, 5-inch, 75c each. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work; 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

PETUNIAS, double mixed, 2-inch, $3 per 100; single, 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

POINSETTIAS.

POINSETTIA HEADQUARTERS.

True type, all top cuttings, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $7 per 100. Booked orders in advance for summer delivery. ERNEST ROBER, Wilmette, Ill.

Poinsettias, strong 2½-inch, $6 per 100; $50 per 1000. Vaughan's Seed Store, Chicago and New York.

Poinsettia pulcherima, 2-inch, $5 per 100; $45 per 1000. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS.

Primula obconica grandiflora and Gig.; Primula Malacoides, transplanted seedlings ready to pot, $2 per 100; $18 per 1,000. ERNEST ROBER, Wilmette, Ill.

Primula obconica gigantea, rose and red shades, 2-inch, $3 per 100; 3-inch, $5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULA OBCONICA, Miller's Giant, free flowering fine 2-inch, $2.50; 3-inch, $4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

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ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1,000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Richmond, 2½-inch	3.00	25.00
Killarney Brilliant, 2-inch	7.00	60.00
Sunburst, 2-inch	5.00	40.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO.

GRAFTED STOCK.

	Per 100
500 Killarney Brilliant, 4-in. stock	$12.50
500 Killarney, 4-in. stock	12.50
100 White Killarney, 4-in. stock	12.50
100 Richmond, 4-in. stock	12.50
100 Ophelia, 4-in. stock	12.50
100 American Beauty, own root, 4-in. stock	12.50

ELI CROSS,
GRAND RAPIDS, MICH.

Roses, Baby Tausenschoen, 3-inch, $5 per 100. Mme. Levavasseur, 3-inch, $5 per 100. Tausendschoen cuttings, 2-inch, $3 per 100; 5-inch, $2.50 per doz. Dorothy Perkins, 3-inch, $5 per 100. My Maryland, 3-inch, $6 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, $6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

SALVIAS.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

SEEDS.

SEEDS.

Amaryllis Hippeastrum, hand hybridized from very choice flowers, per 1,000, $7.50. Larger lots a matter of correspondence.
C. S. TAIT, BRUNSWICK, GA.

Seed, Mignonette "Chicago Giant," greenhouse grown seed, trade packet (1000 seeds) $1; ⅛ oz., $1.50; 1 oz., $10. A. Henderson & Co., 369 River St., Chicago.

SMILAX.

SMILAX PLANTS, 2-inch pots, $2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, $1.50 per 100; $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

PLANTS. Postage and express prepaid. Celery, cabbage, beet, mangel, 100, 30c; 500, 75c; 1,000, $1.25; 10,000, $10. GLICK SEED & PLANT FARM, Smoketown, Pa.

CELERY PLANTS: Golden Self-Blanching (French strain), Giant Pascal, White Plume and Winter Queen, fine plants, ready for field, $2 per 1,000; $1.50 in 10,000 lots. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Celery, nice strong outdoor plants. Gol. Self-Blanch. (French Strain.) Columbia, Pascal, $1.50 per 1,000. Kehl Bros., R. D. 3, Canton, O.

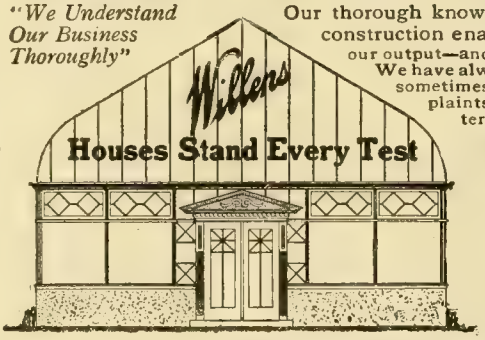
VERBENAS.

VERBENAS, transplanted, $1 per 100; $8 per 1,000; 2½-inch, $2.50 per 100. ERNEST ROBER, Wilmette, Ill.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

Save 10% to 20% on Greenhouses

"We Understand Our Business Thoroughly"



Our thorough knowledge of the finer points in greenhouse construction enables us to save that much on the cost of our output—and we are giving you the benefit of this saving. We have always given 100 cents value for every dollar—sometimes more. As we have never yet had any complaints, we lose nothing by guaranteeing our material against defects.

Willens Personal Service

Every bit of the work is personally directed by one of the Willens'. If we do the erecting, one of the Willens' personally supervises the work. Careful attention is paid to the minutest details, each of which is conducive to longer life and better greenhouse service. If you have never tried us or are dissatisfied in your past dealings with others, begin now to benefit by our service and material. Write us today.

What They Say:

Willens Construction Co.,
Chicago, Ill.

Gentlemen: The greenhouses you built for me last summer and with which I am so well pleased, received several severe tests within the last few days. During one cold spell of 30 degrees below, I easily maintained the desired temperature in the greenhouses.

I am well pleased with the material and also your pleasant business methods and am convinced that I have the finest greenhouses in Nebraska.

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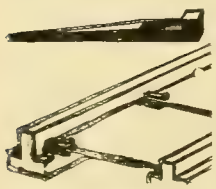
L. Buckendorf,
Norfolk, Neb.

Willens Construction Co.

1529 S. Spaulding Avenue — LONG DISTANCE TELEPHONES: HARRISON 7073 — LAWNDALE 757 — Chicago, Illinois



Siebert's Zinc Glazing Points.

Good for small or large glass, do not rust, easy to drive, ⅝ and ⅞ inch. Per lb. 40c. 5-lbs. $1.85. 20-lbs., $7.00

Vaughan's Seed Store
Chicago New York

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, $12.50 per 100; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 4-inch, strong, 10 to 15 leads, 12 to 18 inches long, $10 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Variegata, 2½-inch, $3; 3-inch, $6; 4-in., $12 per 100. A. Henderson & Co., 369 River St., Chicago.

VINCA VINES, green and variegated, good strong vines, 3 and 4-inch pots, $8 per 100. ELI CROSS, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

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SUPERIOR CARNATION STAPLES.
Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.
MICHIGAN CUT FLOWER EXCHANGE,
38-40 Broadway. Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

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Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

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Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy work, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

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Buy your Greenhouse Equipment from the world's largest, most complete building material and supply house Our great buying power and tremendous purchases at auctions sheriffs, receivers and manufacturers sales, places before you the world's best stocks at prices that save you dollars.

Here are a few random selections:

XJ-44 Inside sash bar, 1⅜x2½ in., per 100 ft. $2.85
XJ-46 Standard hot bed sash, 1⅜x3x6 ft. puttied in glass, each 1.58
KB-47 Complete set of 17 pieces steam fitters' tools, high grade, brand new 15.00
MD-40 Hand breast drills for drilling sprinkler pipe, complete with set of drills, (used) 10 00
MD-43 Direct-connected 1½ and 3 H. P. gasoline engines to Douglas pumps.
600 gallons per hour 47.50
2500 gallons per hour 92.50

Per 100 ft.

SH-48 2-in.-28 standard galvanized pipe... 3.00
3-in..28 standard galvanized pipe... 3.40
2-in.-26 extra heavy galvanized pipe 4.00
3-in.-26 extra heavy galvanized pipe 4.40
BO-45 Greenhouse boilers, all sizes, 50% off.
MW-42 Hose, plain or wire wound for irrigation purposes, any length (used.)
MW-41 Rubber lined cotton irrigation hose, 2½-inch, per foot, 8c.

Our Big Price Wrecking Catalog of 50,000 bargains—just like these—is free, but valuable to **you.** Ask for your copy, today.

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Send for samples of **Three Color Shipping Labels** and Florists' Tags.
Letterheads and Envelopes showing special designs for florists.

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For GREENHOUSES

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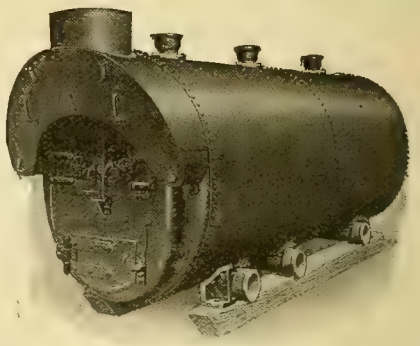
Steam and Hot Water **GIBLIN & CO., Utica, N. Y.**

"SUPERIOR"

INTERNAL-FIRED BOILER

For Hot Water Heating



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A HANDY TOOL FOR GREENHOUSEMEN
"Red Devil" Glass Cutter No. 6
With Free Kid Case.

Guaranteed to cut 5000 feet of glass. Five extra hand honed and tested steel wheels in handle.

Sample mailed for 30c.

Booklet free.

SMITH & HEMENWAY CO., Inc.
170 Chambers St., New York City

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Model Extension Carnation Support.

Made with two or three circles, Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.

Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed

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HAMMOND'S GREENHOUSE WHITE PAINT AND TWEMLOW'S OLD ENGLISH LIQUID PUTTY.

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RODMAN M. EISENHART, Florist, Torresdale, Pa.
Violets a Specialty. Telephone Connection.

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Mr. Hammond's Paint Works:
I have been using your Paint (GREENHOUSE WHITE) and TWEMLOW'S GLAZING PUTTY for the last fifteen years and both have given me entire satisfaction, especially the Glazing Putty, which when properly put on, makes a house rainproof and almost air-tight.

Respectfully yours, R. M. EISENHART.

Slug Shot, Grape Dust and Thrip Juice Used and Sold All Over America.

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Imported by us direct from Madagascar, WEST AFRICA

We offer two grades both good value, viz.:

	Price per pound.			
	10 lbs.	25 lbs.	100 lbs.	Bale
REGULAR.....	17c	15c	12½c	10½c
FLORISTS' SPECIAL ...	19c	17c	13½c	11½c

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NEW YORK CHICAGO

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.

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Choice Red Cypress Greenhouse Material and Tanks

Write for our prices.

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"ALL-HEART" CYPRESS
WORKED TO SHAPES.
HOTBED SASH.
PECKY CYPRESS.
SQUARE RED CEDAR POSTS.

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Established 1765 FOR "POT LUCK" USE Incorporated 1904

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POT MAKERS FOR A CENTURY AND A HALF. AND RED EARTHENWARE SPECIALTIES. WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass.

WAREHOUSES: Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates
Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000	1¾-in.,	crate,	$6.00	456	4½-in.,	crate,	$5.24
1500	2	"	4.88	320	5	"	4.51
1500	2¼	"	5.25	210	5½	"	3.78
1900	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
800	3½	"	5.80	60	8	"	3.00
500	4	"	4.50				

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August Rolker & Sons, 51 Barclay St., New York City Agents.

Our Specialty: Long Distance and Export trade.

Syracuse Red Pots Standard Pots Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

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SYRACUSE, - - N. Y.

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Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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Those Red Pots
"STANDARDS"

Full size and wide bottoms.

BULB PANS and AZALEA POTS

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STANDARD AZALEAS PANS

HARLEY POTTERY CO., NASHVILLE, TENN.

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that you will be proud to have on your benches is the kind we have to offer. We use nothing but the best material and skilled labor and offer you a first-class pot at a popular price. All goods are carefully selected and packed, thus insuring full count upon opening your crates; isn't that worth considering?

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make flower pots that grow the best plants and bring the best trade. Also the latest creations in glazed ware for every use. No shipping delays. Write today for prices and particulars.

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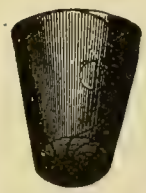

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Flower Vegetable Waterproof
PAPER POTS

Waterproof, Don't Break, Cost Little. Shippers may use them and save their customers many dollars in express charges.

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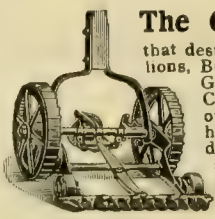

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There are three things that destroy your lawns—Dandelions, Buck Plantain, and Crab Grass. In one season the Clipper will drive them all out. Your dealer should have them—if he has not, drop us a line, and we will send circulars and prices.

Clipper Lawn Mower Co., Box 15, Dixon, Ill.

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DREER'S
Florist Specialties.

New Brand, New Style, Hose "RIVERTON"

Furnished in lengths up to 500 ft. without seam or joint.

The HOSE for the FLORIST

¾-inch.	per ft.,	15 c
Reel of 500 ft.	"	14½c
2 Reels, 1000 ft..	"	14 c
½-inch	"	13 c
Reels, 500 ft.,	"	12½c

Couplings furnished.

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714 Chestnut St., PHILADELPHIA, PA.

Everything for the Greenhouse
J. C. MONINGER COMPANY,

CHICAGO 902 Blackhawk St. CINCINNATI Union Central Life Bldg. NEW YORK Marbridge Bldg

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Manufacturers of
Red Pots

Before buying write for prices.

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Standard Flower Pots

Porosity and Strength Unsurpassed.

Write for prices.

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LIQUID — "NICO-FUME" — PAPER

40% Nicotine.
8-lb. can.....$10.50
4-lb. can..... 5.50
1-lb. can..... 1.50
¼-lb. can..... .50

288 sheet can.....$7.50
144 sheet can..... 4.00
24 sheet can..... .85

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SPRAYING—VAPORIZING—FUMIGATING

Your Dealer has these Prices

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Incorporated, Louisville, Ky.

SUPERIORITY

IN Garland Greenhouse construction there is combined

1. The knowledge that comes from actually operating greenhouses

with

2. Highest engineering skill

and

3. Complete facilities.

TWENTY years ago we originated the famous GARLAND CAST-IRON GUTTER, which still remains a decided point of superiority.

Just to get acquainted, let us send you free, a Garland Little Wonder Spraying Nozzle. Kindly send 3c postage to cover carriage.

Let us figure on your requirements.

Garland Manufacturing Company

Des Plaines Illinois

Clay's The World Power in the Soil.

CLAY'S LONDON FERTILIZER TRADE MARK EVERY GENUINE TIN, BAG & SEAL BEARS THIS TRADE MARK

THE RENOWNED FOOD FOR PLANTS.
MANUFACTURED BY
CLAY & SON, STRATFORD, LONDON, ENGLAND.

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NIKOTEEN For Spraying

APHIS PUNK for Fumigating

Ask Your Dealer for It.

NICOTINE MFG. CO., ST. LOUIS, MO.

Unequaled for greenhouse and landscape fertilizing.

THE PULVERIZED MANURE COMPANY
32 UNION STOCK YARDS, CHICAGO

NICOTINE 40%

GUARANTEED BY
The GRASSELLI CHEMICAL CO.
CLEVELAND NEW YORK CINCINNATI
CHICAGO MILWAUKEE ST. PAUL
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The Insecticide that kills plant Lice of every species

The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale.
Quart, $1.00. Gallon, $2.50.

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An infallible spray remedy for rose mildew, carnation and chrysanthemum rust.
Quart, 75c. Gallon, $2.00.

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A soil sterilizer for cut, eel, wire and angle worms.
Quart, $1.00. Gallon, $3.00.

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A scalicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them.
Quart, 75c. Gallon, $1.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing.
Quart, $1.50. Gallon, $4.50.

If you cannot obtain our products from your local dealer send us your order and we will ship immediately through our nearest agent.

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MADISON, N. J.
GEO. A. BURNISTON, President. M. C. EBEL, Treasurer.

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440 S. Dearborn Street, CHICAGO

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MANUFACTURERS
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National Florists' Board of Trade
56 PINE STREET : NEW YORK

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No loss if you mend your split carnations with **Superior Carnation STAPLES**
35c per 1000; 3000 for $1.00. Postpaid.
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Easily Mended with
Pillsbury Carnation Staple
We find it very satisfactory. J. L. DILLON.
Can't get along without them. J. L. JOHNSON.
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Galesburg, Ill.
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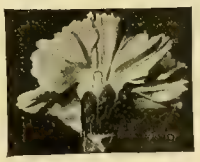
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The name that assures "the most for the money" in
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Write for Bulletin No. 47 and you will see why.
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29 King's Road, N. Tonawanda, N. Y.

Wired Toothpicks
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The Florists' Hail Association has paid 2000 losses amounting to a total of $282,000.00
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Manufacturers Florist Wire Designs, Wire Hanging Baskets and Fancy Wire Lamp Shades.
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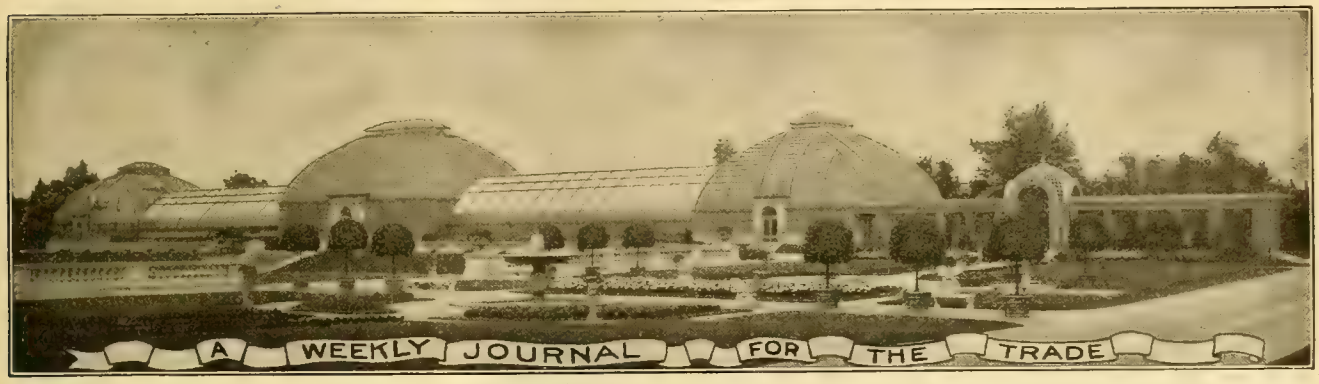
THE AMERICAN FLORIST



America is "the Prow of the Vessel; there may be more comfort Amidships, but we are the first to touch Unknown Seas.

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SOCIETY OF AMERICAN FLORISTS AND ORNAMENTAL HORTICULTURISTS.

OFFICERS—PATRICK WELCH, Boston, Mass., President; DAN MACRORIE, San Francisco, Calif., Vice-President; JOHN YOUNG, New York, Secretary; WM. F. KASTING, Buffalo, N. Y., Treasurer. Next annual convention at San Francisco, Calif., August 17-19, 1915.

AMERICAN CARNATION SOCIETY.

Next annual convention and exhibition at St Louis, Mo., 1916. S. J. GODDARD, Framingham, Mass., President; A. F. J. BAUR, Thirty-eighth St. and Rockwood Ave., Indianapolis, Ind., Secretary.

AMERICAN ROSE SOCIETY.

Next annual convention and exhibition, Philadelphia, Pa., 1916. S. S. PENNOCK, Philadelphia, Pa., President; LOUIS J. REUTER, Westerly, R. I., Vice-President; BENJAMIN HAMMOND, Beacon, N. Y., Secretary.

AMERICAN SWEET PEA SOCIETY.

Annual convention and exhibition at Newport, R. I. July 15-16, 1915. L. L. MORSE, San Francisco, Calif., President; HARRY A. BUNYARD, 40 West Twenty-eighth street, New York, Secretary.

ASSOCIATION OF AMERICAN CEMETERY SUPERINTENDENTS.

Twenty-ninth annual convention to be held at Minneapolis, Minn., August 24-27, 1915. THOS. WALLIS, Chicago, President; BELLETT LAWSON, JR., Elmwood Cemetery Chicago, Ill., Secretary-Treasurer.

AMERICAN PEONY SOCIETY.

Next annual meeting and exhibition, New York, June, 1916. B. H. FARR, Reading, Pa., President; A. P. SAUNDERS, Clinton, N. Y., Sec'y.

AMERICAN SOCIETY OF PARK SUPERINTENDENTS.

Next annual meeting, San Francisco, Calif., August 18, 1915. GUSTAVE X. AMRHYN, New Haven, Conn., President; ROLAND COTERILL, Seattle, Wash., Secretary-Treasurer.

Texas State Florists' Association

Annual Convention and Exhibition, Fort Worth, July 6-7.

The Second Day's Proceedings.

The second annual convention of the Texas State Florists' Association opened at Fort Worth, Tuesday, July 6, as reported in these columns last week, the first day of the meeting being given over to entertainment of the visitors and preliminary business.

After the selection of Dallas as the place of the 1916 convention, and the election of officers for the ensuing year as chronicled in our report of the opening day's proceedings, a warm discussion of the state law requiring nursery and greenhouse inspection, enlivened the Wednesday morning session. Criticism was made of alleged looseness on the part of the state inspectors in doing their work, and the claim was made that Texas florists were handicapped by being forced to comply with an inspection law that was not in force in some other states. The round table discussion, "Carnations as a Profitable Crop in Texas," led by Bird Forrest, Waxahachie, was completed, and was followed by a paper, "How We Should Treat Our Competitors," read by H. O. Hannah of Sherman. Other papers of interest read during this session included the following: "Why Woman Is Indispensable in the Florist Business," by Mrs. Annie Wolfe Brigance, Waco; "The Retail Store and Its Management, and Some Methods of Saving Time and Material," by H. Greve, Dallas, followed by a discussion. At the close of a short session in the afternoon, the visitors were taken to Forest park by trolley and a ball game was played between the local club and visiting florists, which resulted in a victory for the visitors. A barbecue followed the game and was enjoyed by everybody present, the attendance numbering about 200.

DURING RECESS.

The women delegates to the convention were delightfully entertained at a reception in their honor at the Westbrook hotel, Tuesday afternoon.

Fun ruled for more than an hour at a luncheon at the Cafe O'Reilly Wednesday. Philip J. Foley of Chicago was toastmaster, and as usual kept the guests in an uproar with funny stories. Pickled elephant, with boot straps, and alligator hide, stuffed with bean potpie, were two of the pieces de resistance among the delicacies noted on the menu.

R. C. Kerr, of Houston, was pitcher for the visitors in the ball game; that is, he was until Frank McCabe, of Chicago, and Tom Wolfe, of Waco, "got to" his slow ball and hammered him out of the box.

Phil Foley pitched the first ball in the ball game and also struck out the first man. "Some pitcher"—both quality and quantity.

The auto ride about the city Tuesday afternoon, included visits to the greenhouses of J. E. McAdam, Baker Bros. Co., Geo. Kennedy and the Drumm Seed & Floral Co.

It was a very good convention. Fort Worth's hospitality was of the true southern kind, and the visiting florists were royally entertained.

Next—The fall flower show at Houston.

Co-Operation.

A paper by President Patrick Welch, of the Society of American Florists, read at the second annual convention of the Texas State Florists' Association, Waco, Tex., July 6-7, 1915.

Gentlemen of the Convention:

I sincerely regret that I am unable to fulfill the promise which I made to your honorable president some time ago to be present and address you on the question of the greatest importance to all state and national horticultural and floricultural societies—that is, affiliation with the Society of American Florists and Ornamental Horticulturists. I believe thoroughly in local organization in our profession, but my experience of 30 years of membership in the Society of American Florists and Ornamental Horticulturists convinces me that membership in these should also be supplemented by membership in the national organization. The state organization is limited in the scope of its usefulness, and at best can only accomplish limited results. The Massachusetts Horticultural Society, one of

the oldest societies in our country, having been founded in 1829, has greatly encouraged and developed floriculture and horticulture in New England, and its example has been followed by many organizations all over the country, and yet many of its leading members are members of our national organization, and are continually testifying to the benefits derived from the national society. Our society with its national charter, its membership, coming from nearly every state and territory of this great United States knowing the advantages and realizing the deficiencies of their respective state organizations, makes a mighty gathering, whose interests and influence reflect the impressions of our profession all over our country.

The objects of the Society of American Florists and Ornamental Horticulturists are to advance the love of floriculture and horticulture in America; to promote and encourage the development of their industries; to classify their products; to hold meetings and exhibitions; and to co-operate with national and state governments and horticultural bodies in disseminating horticultural knowledge.

Membership—All persons interested in horticulture, professionally or amateur, and manufacturers of and dealers in horticultural supplies shall be eligible to membership individually, and on payment of $5, other things being satisfactory, shall be admitted to membership. The annual dues thereafter are $3 a year, and any annual member in good standing may become a life member on the payment of $25 and be exempt from all future assessments. This society has handled questions of tariff, transportation, shipments, nation-wide publicity for our business, national flower shows, and other questions, to the advantage of all, during recent years especially, and will continue to do so more effectively in the future. The society feels, however, that every florist and horticulturist should obtain membership, and we therefore solicit the aid, assistance and co-operation of this Texas State Florists' Association and of other organizations. In order to encourage membership in our national organization, and at the same time to insure representation on our national board of directors, it is now one of our by-laws that whenever 100 members of any society have become members of our organization its President shall have a seat in our Board of Directors, thus we feel, assuring co-operation.

The dangers to co-operation come from within, and not from without, and the co-operation movement is no weaker nor stronger than the intelligent determination of those who engage in it, therefore let us have in the national organization your assistance in bringing it about. As John Stuart Mills has said, "All advantages that a man may possess arise from the power of acting in combination with his fellows, and of accomplishing by the united effort of members what could not be accomplished by the individual effort of individuals." I believe that you will carry home from this convention a practical conception of the difficulties which beset our business, and the reward that awaits their solution, and I feel that we in the national society can help in this solution. I extend to every member of the Texas State Florists' Association a most sincere invitation to enroll as a member of the Society of American Florists and Ornamental Horticulturists. We look to the great state of Texas to send us some of its giant intellect to help in this society, and I feel that we will not be disappointed.

In behalf of the national organization I want to extend to you their greeting and wishes for a most happy and prosperous year.

EXHIBITS, TEXAS STATE FLORISTS' ASS'N CONVENTION, FORT WORTH, JULY 6-7.

Florists as Advertisers and Book-Keepers.

A paper by R. C. Kerr, Houston, Tex., president of the Texas State Florists' Association, read at the second annual convention of the association, Fort Worth, July 6-7, 1915.

I want to say before I begin my paper proper, that this is a friendly criticism, and the gun shoots as far back toward me as it goes forward toward you; and I want to give you the benefit of the lesson that I received. I suppose there are no two features of our business that are more neglected than those pertaining to advertising and book-keeping. There is no line of business that needs a thorough system of book-keeping and judicious advertising more than the florist business.

How many florists in Texas today know whether or not their greenhouse is a paying proposition, if they are not keeping accurate records? While visiting throughout the state the past year, I was amazed at the great amount of wasted room in the greenhouses of Texas. Are your greenhouses producing 50 cents per square foot each year? If not, then they are a losing proposition. All over and above this amount is profit. Taking the average cost of labor, stock and fuel, the above figure is a fair estimate by an authority. How are we to know whether or not we get these results unless a system of book-keeping is used to show what is produced?

The reason this subject is so vitally interesting to me at this particular time is that about six months ago we had an auditor complete a new set of books—and I want to tell you we have had some eye-openers. I am frank to say that our greenhouses up to that time had never made us one dollar. We are now culling out the stock that is unprofitable and adding more stock that has showed profit.

This was not only true with our greenhouses, for we have had many leaks in our store. The auditor opened up a complete set of books for the store that showed what each department is doing. For instance—funeral work, plants, decorating, miscellaneous, etc. We have found out what is the average cost of each delivery; the percentage of the cost of advertising, and other things of this nature that there was no way of getting at before. It is positively staggering on investigation to find the great losses we have been suffering, and to think that we did business in such a reckless man-

EXHIBITS, TEXAS STATE FLORISTS' ASS'N CONVENTION, FORT WORTH, JULY 6-7.

ner. There is no other business that can be conducted so badly—as the way some of us conduct the florist business, and have it last a year's time.

Another matter I want to touch upon is that of our credit. Many of the florists are very careless with their credits. Did you ever figure what you can save in one year's time by discounting your bills? If not, do so, and you will find it will run into a nice sum. Then, too, you can face the world with a smile, and say you owe no one.

I had a very prominent florist from central Texas tell me he owed no one except his banker. This florist is what I call a good business man. The florists of Texas today are in better condition financially than those in some other sections—so let us strive to "clean the sheets," pay all our obligations, even though we have to go to our banker to do it. Tell the world the florists of Texas owe no one; we have the real cash now, give us the goods.

Now just a few words on advertising: For the past three years this has been my hobby, and we have increased our business wonderfully by consistent advertising. I want to say that advertising can make you, or it can break you. It is something you will have to study very closely. In newspaper advertising 10% of the people who read the paper buy flowers—10% of the flower buyers read "Your Ad," and 10% of those who see your ad are ready to buy flowers. You pay for 100 per cent of circulation and get results from 1/10 of 1%. This may be slightly overdrawn, but it is a safe figure.

My point is this—your medium must reach the flower buying people. With the coming of the moving picture shows there opened up another good avenue for advertising. But this must be only in the best theatres; and the same rules that apply to the newspapers apply to the moving picture shows. Don't pay for dead circulation. Your advertising campaign should be laid out a year ahead, and followed out to the letter in order to get results.

Now, just a word about direct advertising. Frankly, I believe more study should be given to direct advertising, as I feel we get more good out of this medium than any other. The most essential thing is a good mailing list. Letters or literature should be well prepared and well written; not too much to say and to the point. I believe personal letters to the customer interest the customer more than stock folders. They feel there is something of a personal nature in the letter, and will read it through. Perhaps the best advertisement after all is a satisfied customer.

When you spend your money for advertising and get the customer to your store, by all means have him go away pleased. Let your motto be—"Satisfaction Must Be Yours."

How to Treat Your Competitors.

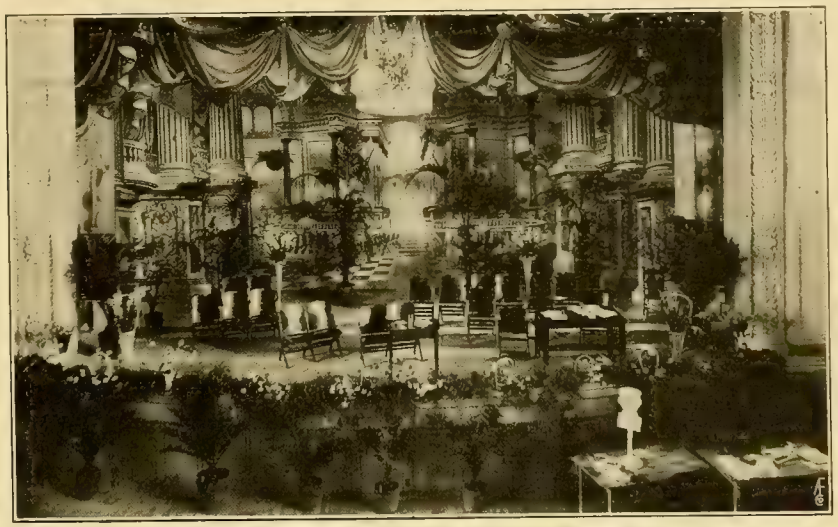
A discussion led by H. O. Hannah, Sherman, Tex., at the second annual convention of the Texas State Florists' Association, Fort Worth, July 6-7, 1915.

This is a friendly talk, part from experience, part from hearsay. We are here for our mutual benefit, to cure the defects, and to encourage in being and doing the right thing at the right time.

Your competitor is your best friend. You may say a friend in disguise. He keeps you from being sordid, arrogant, selfish and perhaps unaccommodating. Hence, treat him fair, square, honorable, just, truthful and considerate. Remember the success of his business may often add to your success. No one firm is going to sell all the flowers; each have their friends and there is a place for him. Do your best, grow the best flowers and plants, keep the most attractive store, arrange your flowers the most artistic, excel in all your decorations, be original, be inventive, but never be a "copy cat", using your competitors brain. Set the pace and let him follow.

Competition has given us such men as Elmer D. Smith, of Adrian, Mich., on chrysanthemums; E. G. Hill, of Richmond, Ind., on roses and Peter Fisher, of Ellis, Mass., on carnations. Strive to excell. It is the same in all lines of business. Competition has given us the Cadillac, the Pierce-Arrow, and the Ford. Make your own prices, and be sure you make them so they will leave you a profit. You owe this to your business and to your competitor, and if he is a man, he will do likewise. Be on good terms, visit him and his store, and never do anything that would cause you to avoid his presence or his confidence. Never do anything that will cause him to ask you why or wherefore the cause thereof. Honor and truthfulness should govern your acts toward him. Sell all the stock you can, but do it in the right way. Never, no never, let the thought occur to you, "I will cut the price or quality to keep my competitor from making the sale." That is dishonorable.

If you are making prices on a large job of decorative work—wedding party or hall—and you find out his prices and take same for almost half his price, making no money for yourself, but robbing him, it is almost grand larceny. In furnishing figures for such occasion, tell them as we do, not figuring against our competitors, but be honest, and tell them that you can only do this at a profit, but will make it complete and guarantee satisfaction. This is what we do, and if the other fellow wants it for glory, we do not. We are in business for money, but will seek glory and honor in other fields. Work is often cheapened until the other fellow gets it, but the customer knows a cheap price often means cheap work.



TEXAS STATE FLORISTS' ASS'N CONVENTION HALL, FORT WORTH, JULY 6-7.

MEMBERS OF TEXAS STATE FLORISTS' ASS'N AT SECOND ANNUAL CONVENTION, FT. WORTH, JULY 6-7.

Never treat your competitor in any way that he will censure you, either to your face or to your back. My competitors have never come to me and accused me in any way of being unfair to them or to the trade. Many florists falsify, may I say lie? Often to no profit. Truth prevails and lasts. Special sales for surplus are legitimate and honorable, but to make floral wreaths for 50 cents or to sell carnations continuously for 25 cents or 35 cents per dozen, is disastrous, cheapens the goods, and there can be no profit, or if any, very little. It costs to grow flowers in Texas, and to buy we all know there is a cost and expense. The trade wants good stock and is willing to pay for it. You do in other lines.

Never pull crepe, against your competitor, nor allow your agents. That is dishonorable and unworthy of your profession. Remember, you sell God's most gracious gift to man, in all its sweetness and beauty, hence do not cheapen it nor tarnish it by your littleness or unworthy act. Never, no never, cut your price, solely to keep your competitor from making the sale. That is almost petty theft.

Tell the truth and expect it of your competitor. Never say that an azelea, poinsettia or primrose will bloom all summer, in order to make a sale; that is lying and your competitor may be honorable. These things are done. I have known clerks of competitors to tell customers theirs was the only flower store, when there was one almost across the street. For shame. You may some time make a sale by misrepresenting, but a clear conscience is more than a few pennies.

We have a railroad commission to make our railroads "toe the mark," not to cut prices, or make rebates, and in many places florists need regulating. Permit me to say we have two competitors, and we are on friendly terms, trade, loan or sell anything the other needs. I appreciate accommodating my competitor.

Never cheapen your goods by giving away a flower, or corsage to almost every one that enters your store, trying to buy their trade. There are times to give judiciously. Flowers have value. The dry goods man, the grocer, or the druggist do not continuously give away their goods. Then why should you? Don't make yourself cheap or you stock common. Flowers have their value and dignity, if I may use the word.

Carnation Growing in South-east Texas.

A paper by Elizabeth O. Weissinger, Beaumont, Tex., read at the second annual convention of the Texas State Florists' Association, Fort Worth, July 6-7, 1915.

Carnation culture is a comprehensive subject, bounded by an infinite diversity of opinion, but, seven years ago, when we took our courage in both hands, lacking capital and experience, and handicapped by "skirts," the ultimatum had gone forth that carnations could not be successfully or profitably grown in southeast Texas. Nothing daunted, we built a house especially for carnations, 28x150 feet and 16 feet high, running north and south, with roof and side ventilation, raised benches five feet wide and steam-heated. We get field-grown plants from Furrow & Co., Guthrie, Okla.; hence, we do not have to worry about our stock, and always get the best.

This season we planted White, Light Pink and Rose Enchantress, also Herald. For our compost we use three or four parts good maiden loam to one of well decomposed stable fertilizer, which has been prepared at least three months in advance before putting in benches, which have been thoroughly scrubbed and whitewashed. We order plants for September delivery and plant directly to benches, 12 inches apart, and give a good watering to settle the soil about the roots.

We find many details about carnation growing that require constant attention and unremitting care. Spraying is most important during the warm days we have in the early fall. By this means the temperature can be reduced to a moist growing atmosphere. We frequently spray the under part of the foliage where the red spider makes its appearance, and always spray quickly.

We give our plants strong wire support, and though they may wilt a little during the day, as long as they are erect and crisp each morning, we do not worry over losing them. The way the soil is handled has a great deal to do with what you get out of it. Judicious use of fertilizer and lime, with constant forking to keep in good mechanical condition, and the "seeing eye" that apprizes instantly of lurking danger.

The Beaumont Floral Co., owned and managed by women, represents faithful toil and the achievement possible to even unskilled women in "The man-made world."

"Who digs a well or plants a seed, a sacred pact he keeps with sun and sod; with these he helps refresh and feed the world, and enters partnership with God."

Electrolier Flower Box.
Arranged by Hollywood Gardens, Seattle, Wash.

Electrolier Flower Box Decoration.

The accompanying illustration shows a very attractive electrolier flower box decoration arranged by the Hollywood Gardens, Seattle, Wash., on the occasion of the Shriners' convention week in that city. All lamp posts in the business section of the city were similarly decorated and the pleasing effect brought many compliments.

WINDOW DECORATION, HOLLYWOOD GARDENS, SEATTLE, WASH.

ZVOLANEK'S PANAMA-PACIFIC EXPOSITION GOLD MEDAL SWEET PEAS.

Zvolanek's Gold Medal Sweet Peas.

According to reports of the officials of the Panama-Pacific exposition, San Francisco, Calif., the exhibit of Ant. C. Zvolanek, Lompoc, Calif., a magnificent display of winter-flowering sweet peas which was awarded the Gold Medal of Honor, is most admired by the thousands of visitors to the exposition garden.

The accompanying illustration shows the Zvolanek Gold Medal sweet peas, of which there are 39 orchid-flowering varieties planted in the garden. The flowers are picked almost every day and exhibited in the Palace of Horticulture, where the magnificent blooms are a great attraction, commanding the admiration of visitors to the building, who are numbered in the thousands daily.

The seeds were sown in, the last week in January, the ground at that time not being fully prepared. The subsoil of the exposition garden is quicksand, and this is covered to the extent of 10 to 15 inches with sandy loam mixed with one-third rotted horse and cow manure, with occasional sprinklings of lime and bone meal. The vines were in flower the middle of April and are at this writing still covered with a wealth of bloom, with all indications that they will continue in color for some time.

William A. Leslie, the gentleman in the picture, a practical grower who has had charge of many other horticultural displays, is in charge of the Zvolanek sweet peas, and is under the direct supervision of Carl Purdy, well-known landscape architect, now superintendent of the exposition garden. Both are hard workers with practical minds and the Gold Medal of Honor bestowed upon the Zvolanek sweet peas is evidence of the careful culture that brought the flowers to such a high state of perfection.

American Rose Society.

The American Rose Society at its annual meeting in Boston endorsed the Cleveland flower show as its representative for a rose show this fall. The committee to represent this work is: Guy Bate, Newton Falls, Ohio, chairman; L. L. Lamborn, Alliance, Ohio, and E. B. George, Painesville, Ohio. These gentlemen constitute an official committee to represent the American Rose Society in accordance with the above action. The report that comes back at the present time is that the exhibition of roses from the middle west will be of the first order. The list of premiums for the exhibition is quite liberal also.

With the present month the newly elected officers assume their places in the organization of the society, viz.: S. S. Pennock, 1612 Ludlow street, Philadelphia, Pa., president, succeeding Wallace R. Pierson, Cromwell, Conn.; Louis J. Reuter, Westerly, R. I., vice-president, succeeding Robert Pyle of West Grove, Pa. The holdovers are Harry O. May, Summit, N. J., treasurer, and Benj. Hammond, Beacon, N. Y., secretary. The executive committee for the ensuing year stands as follows: John H. Dunlop, Richmond Hill, Ontario; Robert Simpson, Clifton, N. J.; Eber Holmes, Montrose, Mass.; Wallace R. Pierson, Cromwell, Conn.; Robert Pyle, West Grove, Pa.

An executive committee meeting will be held at the office of President S. S. Pennock, 1612 Ludlow street, Philadelphia, Pa., at 2 p. m., July 20. At this meeting consideration will be given to the coming national flower show in Philadelphia; also to the affiliation of local soiceties and the test gardens.

Four different affiliated societies have had a set of medals for their June shows. The paid membership of the American Rose Society is 20 more than we had at this time last year.

BENJAMIN HAMMOND, Sec'y.

American Carnation Society.

We are desirous of getting into communication with the parties named below. We will consider it a favor, if they will drop us a postal, giving present address. Would appreciate same from anyone else who might know the present whereabouts of any of these parties. The addresses given are in most cases several years old and mail addressed to them has been returned.

A. E. Boyce, Wellesville, N. S.; A. R. Walker, Flint, Mich.; M. Winandy, Chicago, Ill.; J. Scott, West Newton, Mass.; Aug. Rahner, Villisca, Iowa; Otto Mailander, Niles Centre, Ill.; E. McConnell, Sharon, Pa.; Y. L. Lewis, Marlborough, Mass.; S. Lenton, Piru City, Calif.; H. B. Knight, Jersey City, N. J.; Ingleside Nurseries, Alhambra, Calif.; C. J. Haettel, Redondo Beach, Calif.; C. M. Frick, Philadelphia, Pa.; E. J. Cloud, Avondale, Pa.; Thos. Carroll, Sutor, Mo.; Jas. Allen, Patterson, N. J.; Y. C. Jennings, Philadelphia, Pa.

F. C. Harwood, Torquay, England; F. W. Gooding, Middlesex, England; A. Smith, London, England; W. J. Smith, London, England; G. West, Berkshire, England.

A. F. J. BAUR, Sec'y.,
Indianapolis, Ind.

THE CARNATION.

Care of Field Plants.

The routine work of the summer care of the plants in the field must be attended to steadily right along, so that when the time comes to bring the plants inside they will be in first class condition. In our section of the country we are getting a great deal more rain than is usual at this time of the year and very little of what you might call summer weather. The plants are making nice growth and require close attention to the work of topping the growths to keep the plant in good shape. This is a very important part of the work and every opportunity must be taken to attend to it on time. The present weather conditions are ideal for the rapid growth of weeds, and it is a good plan when the ground is dry enough to allow for the work to be done properly, to take every opportunity and get out and clean out all weeds before they become large enough to injure the plants. It is also very important to keep the cultivator going, and when the ground becomes dry enough after each rain, attend to this part of the work without delay. The loosely cultivated soil on the surface of the land helps to serve as a mulch to protect the roots of the plants during the hot dry weather, but there is one thing that the man behind the cultivator must be careful about, and that is, not to throw the soil up around the plants so as to cover up their stems and lower branches.

The items mentioned may appear to be details in the work of caring for the plants that are of small importance, but we have found out that it is the paying of strict attention to the small things during the time the plants are making their growth in the field that leads up to a successful season for the plants later on, and there is a great deal of satisfaction to have a field of carnation plants under your charge on which so much depends in the coming season and feel that you have done everything possible to bring out the best—their best qualities.

After such a long period of wet weather, we may soon expect the opposite conditions, which is very likely to cause the plants to become infested with green fly and red spider. These can be checked by regular sprayings of insecticide about every ten days.

After caring for the young plants in the field, we can turn our attention to the plants in the houses, which are fast finishing up their usefulness and as soon as they become no longer profitable to bestow enough attention on to keep them in good shape, they should be thrown out and not allowed to remain on the benches to serve as hatching places for thrips and red spider. Place the rings and wires outdoors; also, I believe it is a good policy to allow these to have the wind and rain work on them every year while they are idle.

The benches of plants that are still doing business, and which it is the intention to allow to remain up to the last before throwing out, should be cared for as regards watering, syringing, airing and disbudding; also do not allow the flowers to remain on the plants if they cannot be used up right along, but clean them off before they have a chance to wither.

Indoor grown plants that are planted direct to the benches without being planted in the field should now be in their permanent quarters and must receive close attention to their many requirements right along or they are bound to be a failure. Constant attention to topping is very necessary to get a plant large enough to prove profitable; indoor plants stretch out much faster than the field plants, consequently it is so much more important to keep the work of topping the shoots done up close. Indoor grown plants can be planted closer on the benches than those from the field, 10 inches apart each way being ample for them, or if the wire rings will allow they will stand a little closer. These plants need regular watering and syringing, as they require it and the weather conditions will permit, therefore making it necessary to keep the surface of the beds open by frequent scratchings, but do not go deep enough to injure the roots of the plants. Particular attention must also be given to spraying with insecticide to keep the plants clean; also allow all the ventilation possible, both day and night, being on the guard against storms.

C. W. JOHNSON.

Cultivating the Hydrangea.

Paper by R. Scott, Montreal, Can., read at a meeting of the Montreal Gardeners' and Florists' Club, April 5, 1915.

At this season of the year as we visit the show windows of the many florists of Montreal to admire and criticise the wealth of bloom displayed in its most artistic array and to compare the different growers' stock with our own, we must admit that the hydrangea, as an Easter plant, is growing more popular each year.

This year there was some very fine stock offered in some of the leading stores, both of the Otaksa and the newer French varieties, the delicate shades of color ranging from pure white to deep pink, compelling the admiration of all the passers-by. The hydrangea, I think without exception, one of the most popular, satisfactory, flowering plants we have in cultivation today. They lend themselves to so many situations, either inside or outside, either as individual specimens or in groups, etc., and can be timed to flower from early spring until late summer. From the florist's point of view they are a very profitable plant to grow, as well grown plants command a ready sale. They are of easy culture, growing well in any ordinary potting mixture, and only are asking for lots of water in their growing season. To have good flowering plants by next season, the young stock should be propagated as early as possible; if there are no old stock plants to select cuttings from, take the new flowering shoots from those now in growth. Selecting as far as possible, strong, short jointed shoots, trim the cutting about ½-inch below the joint, then insert in the sand and water it in well, shading from the strong sun until they show signs of rooting. As soon as the stock is well rooted, put into a 2½-inch pot and keep them growing. When the pot is well filled with roots, repot into 4-inch pots. A week later pinch out the points. When they have made new breaks, about three inches, remove to cold frames, plunging the pots to the rim, keeping them well watered and shading from the sun, gradually hardening off until they will stand the full sunlight. Be careful not to let them dry out, as the hydrangeas will scald very quickly if they get dried out.

When the points begin to harden up, reduce the water supply, and when danger of frost is near take care not to let them get too much, or else the flowering points will rot off. Any young stock that is not ripened up when they are taken into their winter quarters, should be placed on a bench in a cool house, standing on about an inch of earth packed close together, giving them enough water to keep them plump. The smallest shoots will set good flower buds this way and will repay for the extra room taken up. Older plants do not require this treatment as they set their buds earlier then the young stock and can be stored away in any cool place, away from the frost. Look them over occasionally and see that they are not getting dried out too much. Some growers plant their stock out during the summer, but I prefer the pot grown plants, as they are always under control and I find they ripen up quicker and make better shaped plants. To have good one year-old flowering plants, whether the old variety or the new varieties are grown, the wood must be well ripened up, and if the grower has the room, the greenhouse ripened plants will give the best results.

Fastigiate Conifers.

In the pinetum are young trees of the White Pine (Pinus Strobus, var. fastigiata) with erect branches which give the trees a peculiar and distinct appearance. They were raised from grafts taken from a tree which was growing a few years ago near Stamford, Conn. The Scotch Pine (Pinus sylvestris), which shows a strong tendency to seminal and geographical variation, has also produced a fastigiate form (var. pyramidalis). The so-called Swedish juniper is a narrow, dwarf pyramidal form of the common juniper (Juniperis communis, var. suecica). This little juniper is not very hardy in this part of the country, but is often planted in the middle states. The handsomest pyramidal coniferous plant, however, in the arboretum is a form of Thuya occidentalis (var. pyramidalis) raised some time before 1885 by Robert Douglas in his nursery at Waukegan, Ill. It is a tall narrow plant suited to replace, although much smaller, of course, the fastigiate cypress which plays such a part in the decoration of the gardens of southern Europe. This arbor vitae is sold in some American nurseries as Thuya occidentalis pyramidalis Douglasii. The common spruce (Picea Abies) has produced many abnormal seminal forms and among them are at least two with erect branches (var. columnaris and var. pyramidalis). A few individuals of these varieties were found many years ago in European forests and the cultivated plants have probably been propagated from these wild plants. Less important are two dwarf pyramidal forms of the European fir (Abies Picea, var. columnaris, and var. pyramidalis). The Lawson cypress from the Pacific coast (Chamaecyparis Lawsoniana) is another tree which shows great variation in its seedling offspring. Among them is a distinctly pyramidal form which appeared in an English nursery many years ago and is known as Cypressus Lawsoniana

ANNUAL OUTING OF GREEK-AMERICAN FLORISTS' ASS'N. OF NEW YORK,
at Witzel's Grove, College Point, L. I., July 7.

erecta viridis. Like all the forms of the Lawson cypress it is not hardy in the neighborhood of Boston. The so-called Irish yew, a pyramidal form of the European yew Taxus baccata, var. fastigiata), of which there is a yellow-leaved variety, is a popular garden plant in all countries where it is hardy. Unfortunately this interesting tree is not able to survive the New England climate. This is true of the erect garden form of the Japanese Cephalotaxus (pedunculata, var. fastigiata).

Of these 28 plants with abnormally erect growing branches five in two genera are North American, one only is Asiatic, and 22 are European, the Cornish elm, which is not an abnormal tree, but a geographical variety, being omitted. The predominance of abnormal forms among European trees is due, no doubt, to the fact that European trees have been raised artificially from other countries, and that European cultivators of trees have been keener than others to propagate and detect plants of abnormal habit and foliage. It is less easy to explain the absence of fastigiate trees from such largely cultivated genera as faxinus, catalpa, prunus, magnolia, Salix and tsuga. Of our common hemlock in this last genus there are a number of dwarf forms and forms with abnormal foliage, but among them none has yet appeared with erect growing branches. —Arnold Arboretum Bulletin.

ST. CLOUD, MINN.—Fire caused slight damage to the St. Cloud Floral Co.'s range, June 24.

TOPEKA, KAN.—Omar F. Whitney of this city has been elected to succeed Jesse LeRoy Pelham as secretary of the Kansas State Horticultural Society.

BARRINGTON, R. I.—A severe hail storm June 26 damaged 25,000 square feet of glass and caused a loss to fruit, shade trees and gardens estimated at $500,000.

Los Angeles Horticultural Society.

One of the largest attendances in the history of this society was present at the July meeting, held in Kruckeberg's hall, the feature of the evening being a talk by Frank Lewin, who selected as his subject, "Rose Culture." One of the cardinal features of the address was the simple method in which the speaker described each point, thus enabling the beginner to get the full benefit.

Starting away back in the olden times in Greece, Mr. Lewin told of how they prized the "queen of flowers." Leading down to the present time he went into full detail as to simplifying the culture, describing the soil, planting, irrigation, fertilizing, pruning, disbudding and the diseases. Perhaps the most emphatic statement of his address was "where weeds will grow, roses will grow." Spade the soil over several times; dig large holes; plant dormant bushes; be sure roots are nicely spread; fertilize with liquid cow manure; irrigate, do not sprinkle; during July, August and September do not water at all; in pruning, trim bushes low and use five-eye method; for green aphis use garden hose with nozzle or spray with soapsuds; mildew is often caused by overwatering; use one ounce sulphate of potassium to each five gallons of water.

He furnished a list of varieties for the beginner, and the further advanced growers. For the beginner he suggests Ulrich Brunner, Radiance, Lady Hillingdon, Mme. Abel Chatenay, Gen. McArthur and Paul Neyron for the bush varieties, and K. A. Victoria, Caroline Testout, Excelsa, Cecile Brunner and Dorothy Perkins for the climbers.

For the advanced he favored Harry Kirk, Lady Battersea, Frau Karl Druschki, Clara Watson, Katie Moulton, Rhea Reid, Geo. Dickson, Edward Mawley, Betty, His Majesty, Lyon, Sunburst, Capt. Hayward, Alfred Colomb, Mrs. John Long, Prince Otto and Geo. Arends for the bush varieties, and Lady Ashdown, Reve d'Or, Neervelt, Gainesborough, Maman Cochet, white and pink, and Tauschendshoen for the climbers. At the close of his elegant paper he was given a rising vote of thanks.

The chair appointed P. D. Barnhardt to deliver a talk on the trials of a gardener for the topic of the next meeting.

Mr. Dieterich, chairman of the picnic committee, being absent no further action was taken. The chair added Messrs. Hunt and Kruckeberg to the committee with instructions to hold a special meeting of the picnic committee with full power to proceed.

At a special meeting of the picnic committee composed of Jacob Dieterich, chairman; Charles Winsel, James Taylor, A. A. Hunt, James MacGillivray and Hal S. Kruckeberg, held July 9, it was unanimously voted to abandon the picnic this year, owing to the lateness of the season, the Elks' convention which will be held here this month, and the convention of the nurserymen at San Francisco next month. It was suggested that in place of the outing a smoker be held once a month, thereby keeping funds in the treasury for the fall flower show of the society.

HAL. S. KRUCKEBERG, Sec'y.

Toledo.

TRADE ENJOYS REST.

The dull season is upon us, and it affords to hard-worked florists a well-deserved respite from the strenuous efforts of the past three months. Ever since Memorial day business in this city has been splendidly active, surprisingly so; hence, florists are content to have a time of rest and recreation thrust upon them. There is an abundant supply of all kinds of seasonable stock, more, in fact, than the market can absorb. Roses are of excellent quality and have enjoyed a lively sale. Carnations need not be mentioned at this time. Sweet peas are coming in splendidly at the present time. Candidum and Easter lilies are excellent sock, but are not in great demand.

CLUB OUTING.

Even a drenching rain that started at 10 o'clock and persisted until 2

could not mar the enthusiasm and spirit of florists of Toledo and northwestern Ohio, July 7, the day of the annual outing of the florists' club at Ottawa park. Florists closed their stores at 9 a. m. The auto parade this year was the most successful and largest yet held, consisting of delivery and touring cars gaily decorated with bunting and banners advertising the Toledo Florists' Club outing. At 2 o'clock, when the rain abated, the various games and contests were entertainingly pulled off under the direction of Max Spanner, who proved an able manager. After these events the ball game between the East side and West side florists took place, but the rain put a damper on this contest after but a few innings were played. The East side was in the lead when the game was called.

NOTES.

Monday, July 5, Schramm Bros.' force enjoyed their annual picnic at Striker's farm near Sylvania. It is in line with this firm's progressive policy to give their employes a day's pleasure at their expense. The trip was made in the delivery cars and in George B. Schramm's touring car. At the farm two old-fashioned country meals were thoroughly relished. The main event of the day was a ball game between the wholesale department, captained by Albert Lehmann, and the retail department, led by Frank M. Schramm, in which the former were completely overwhelmed.

Max Spanner is the proud owner of a beautiful new Overland delivery car of the very latest type, which he exhibited for the first time in the auto parade. It was very attractively decorated for the occasion.

John Koelker, of Koelker & Sons, is in New York for a three weeks' stay. Before he left he stated that his business has been very good during the first half of this year.

The June-White Floral Co. has retired from the flower business here after a short but stormy career. This flower store was opened on Madison street about a year ago.

Harry Turvey, West Toledo florist, is soon to leave on a three weeks' motor trip through Ohio and Indiana.

K.

Minneapolis, Minn.

Summer weather has at last arrived, and flower buyers are now taking to the lakes at a rapid rate. The season has been so cold and backward that people have preferred to remain in town, but the quiet season is evidently now on. Flowers are coming into the market in good supply, and there are plenty for all demands, with the exception of outdoor sweet peas, which are due later in the week.

NOTES.

Mr. and Mrs. H. Atteson, of Pelican Rapids, announce the engagement of their daughter, Etta, to George P. Mitchell, the Lake street florist. The ceremony will take place in October.

The Minneapolis Florists' Base Ball Club defeated the fast Robindale aggregation, July 11, the score being 23 to 4.

Cal Rice, of Rice Bros.; W. D. Desmond, of L. S. Donaldson Co.; Chris Eisele and several others of the craft will arrive home from the Northwest, in time to "whoop her up" for the picnic. They were the guests of Lawrence Mathes, of the Shotwell Floral Co. at Fargo, N. D., while stopping there.

D. W. C. Ruff, of this city, was awarded first prize at the recent flower show of the Minnesota State Horticultural Society for his exhibit of 175 varieties of peonies.

The florists of the Twin Cities are all enthusiastic over the picnic to be held at Spring Grove, July 20. The ball game will doubtless be a hard-fought battle.

Tom Rogers returned from a week's outing at South Haven, Minn., July 12, and was distributing some fine black bass among the "boys" at Oscar E. Amundson's.

The Minneapolis Floral Co. is through planting its chrysanthemums, and is wholesaling its wholesale stock, which is of very fine quality.

Mrs. L. L. Eddy, of Excelsior, has three acres planted to peonies and will add two more this fall.

C. G. Anderson is now settled with his family and says he likes the city and the lakes.

The Farmer Seed & Nursery Co. has closed its branch store in this city for the season.

Lakewood Cemetery Greenhouses are all being cleaned and filled with fall stock.

The Gopher Floral Co., 40 South Seventh street, has closed its doors.

Rice Bros. are receiving some very choice fancy ferns and greens.

Visitors: C. S. Harrison, York, Neb.; E. C. Ecker, of the Minnesota State Nursery, Albert Lea, Minn.

T. C. R.

Los Angeles.

F. W. Stark and brother, Lawrence, of the Stark Bros. Nurseries & Orchards Co., Louisiana, Mo., are spending several days in California visiting both expositions and the show places of the state. While in this section the Stark Brothers are being entertained by J. D. Meriwether, the manager of the Roeding & Wood Nursery Company, of Los Angeles, who was formerly with the Stark Company for 17 years. No doubt the Starks will be so impressed with California that they will visit us more often in the future.

The Dean Iris Gardens of Moneta announce the new Iris Mrs. Allan Gray, which is of a delicate lilac color. Blooming as it does during June and July, it greatly adds to the blooming period of the iris. Iris Crimson King is now in full bloom, being the second crop of the season.

Chas. A. Chambers and wife, of Fresno, who have been spending some time in San Diego, made a short visit to Los Angeles. As Mr. Chambers is the secretary of the Fresno Board of Park Commissioners he made this trip largely to study the parks of Los Angeles and vicinity.

John S. Armstrong, proprietor of The Armstrong Nurseries, of Ontario, Calif., is stopping for a while at his Los Angeles home.

HAL S. KRUCKEBERG.

Washington.

Outside of a light call for water lilies and gladioli, there is no demand for anything in the market. Roses of all kinds went "a-begging" during the past week, Francis Scott Key, Hadley and Killarney in both colors, in extra long stemmed grades, selling as low as $5 for a box of 500. Shorts sold at any price offered for them.

NOTES.

The local delegation that will leave for the S. A. F. convention at San Francisco will be very small from present indications. At present it consists of Wm. Gude, A. Gude, Theo. Diedrich and Mr. and Mrs. Shellhorn. It is hoped that the party will be larger before the time of departure.

O. Bauer and family have taken a cottage at North Chesapeake Beach for the summer. Otto will enjoy a much-needed rest during the next few weeks in fishing.

W. Wenkler, of Chevy Chase, is sending some of the best asters ever seen in this city to George C. Shaffer.

G. C. D.

Boston.

STOCK POOR AND DEMAND LIGHT.

Business during the past week was practically at a standstill. The demand for every line of stock was light, as the retailers are doing very little aside from general work. The quality of indoor stock is getting poorer every day as the season draws to a close. Roses are scarce; however, the demand is very light. Russell, Taft, Ophelia and Hadley are the best sellers. Carnations are getting poor in quality. There are large quantities being shipped, and they sell at practically any offer whatsoever. The heavy rains during the week spoiled a great many sweet peas, and those that are coming in are not up to standard.

NOTES.

At a recent meeting of the committee on prizes and exhibitions of the Massachusetts Horticultural Society it was arranged to have the large spring exhibition during the month of May, 1916. A smaller exhibition of bulbous stock will be held during March. Many new features have been planned for the May exhibition, and it is hoped that it will surpass any show of its nature ever held at Horticultural hall.

Robert Montgomery and wife, Natick, Mass., left for their summer cottage on Bustins Island, Me., July 7, by way of automobile. Mr. Montgomery has purchased a new Overland car, and upon its delivery will return to Natick and drive over the road to Maine.

Perry Green, of Quincy, has some of the best sweet peas that are being shipped to Boston. Countess of Spencer, White Spencer and Frank Dolby are his mainstays. He also is cutting a large crop of sweet sultans.

Wm. Sim, of Cliftondale, has already commenced cutting from his large stock of field-grown gladioli. He is planning to force 100,000 bulbs in one of his largest houses for next Memorial day.

Mrs. Robert McGoram is spending the month of July at Peaks Island, Me.

F. L. W.

Canadian Horticultural Society.

The eighteenth annual convention of the above society will be held at London, Ont., August 3-5, and from the programme announced, gives promise of surpassing all former meetings of the organization in interesting features. Among the important papers that will be read during the meeting are the following: "Fertilizers for the Greenhouse," by Prof. R. Harcourt, Guelph; "Irrigation," by Prof. T. G. Bunting, Quebec; "Insect Pests that Affect Greenhouse Stock," by W. A. Ross, Ottawa. The question box will be an important feature and there promises to be an interesting discussion led by A. Q. C. O'Brien of Toronto, an expert accountant, who will speak on cost systems for florists' stock and prices at which stock should be sold. H. J. Moore, of Queen Victoria park, Niagara Falls, will present the report of the committee of plant registration and will have important announcements to make in reference thereto. Papers will also be read by W. J. Potter, superintendent of parks, Toronto, and W. J. Jones, of the Dale estate, Brampton. Among the social features of the meeting will be a visit to the greenhouses of J. Gammage & Sons, Ltd., London.

Ontario Horticultural Exhibition.

If a suitable building can be obtained, the directors of the Ontario Horticultural Exhibition anticipate holding the exhibition this year as usual. Last year the exhibition had to be postponed, due to the fact that the buildings on the exhibition grounds were turned over to the militia, and while it cannot be determined as yet whether any of the buildings will be available this year, the secretary has been requested to ascertain, and if his report is unfavorable, the exhibition manager will endeavor to secure other accommodations. It is suggested that prize-winners this year contribute their prize money to the Red Cross Society.

Teaneck, N. J.

Joseph Rofferzeder, who has been well known as a grower in the North Bergen section, now has the greenhouses formerly conducted by L. J. Dirig. He is a clever grower, has a variety of stock, and is doing well.

Hermann Encke has a glass area of about 25,000 square feet, and grows sweet peas and chrysanthemums. At present he is cutting fine long-stemmed peas in the field, and has a very healthy-looking stock of chrysanthemums coming on.

William Gisking now has the range formerly conducted by his father, who died last winter, aged 72 years.

Teaneck can be reached from New York by the ferry from 130th street and the Hudson river electric line.

A. F. F.

Hudson Heights, N. J.

William Bluthgen, Jr., has a neat range and grows a variety of stock, and does considerable retail business.

McMillan & Sons have now a great crop of chrysanthemums coming on. For winter they will have sweet peas and a variety of other stock.

John Fruhauf has recently put up two houses and grows plants. He has been a hard worker, as his property was covered with native trees when he started.

A. F. F.

OBITUARY.

Alfred J. Tharp.

Alfred J. Tharp, for over 20 years a grower with a range at Bedford Station, N. Y., died at his home in Bedford, July 10, in his sixtieth year. In the earlier years of his career as a grower his range was noted for fine carnations. When the well known wholesale firm of Moore, Hentz & Nash, of New York, started in business, he was their first shipper. In late years he had also been engaged in the real estate business with an office at 7 East 42d street, New York. He was a native of Waterloo, N. Y.

Mr. Tharp was a member of the Masonic order and a man of fine character. He is survived by a widow, three daughters and two sons. One son, Vernon, has been associated with him in the florist business.

A. F. F.

Frank Zimmerman.

Frank Zimmerman, for many years located at College Point, L. I., N. Y., as a grower, died at his home there July 9, aged 72 years. He was born in Germany and came to this country 45 years ago. He was a member of a number of societies. Five sons and two daughters survive him.

A. F. F.

FAR AND NEAR.

STERLING, ILL.—The Sterling Floral Co. opened a down-town branch, June 26.

LOUISVILLE, KY.—F. Walker & Co. are building one new greenhouse, 20x90 feet.

ST. CATHERINES, ONT.—R. L. Dunn is adding two houses, 25x120 feet, to his range.

KENOSHA, WIS.—The Asylum Avenue Greenhouses have been purchased by Peter Obertin.

FULTON, IA.—Charles Stoll, of York, Neb., has purchased the John Kirman range in this city.

RALEIGH, N. C.—J. L. O'Quinn & Co. have opened a new flower shop at 126 West Martin street.

LITITZ, PA.—C. S. Loeffler is erecting two new houses which will be ready for planting in August.

IOWA FALLS, IA.—W. H. Hall has increased his acreage and will build an addition to his greenhouses.

WILLIAMSPORT, PA.—A range of houses will be built by the Williamsport Floral Co. on Hedric street.

LOUISVILLE, KY.—Adam Heitz, florist, his son and an employe were injured July 6 in a fall from a hay wagon.

LEROY, ILL.—L. L. Fry will erect a new greenhouse, 48x90 feet. A new modern boiler will also be installed.

MILTON, PA.—Two new greenhouses are being erected and improvements made at the range of W. B. Clinger.

TIVERTON, R. I.—William T. Wood's greenhouses were badly damaged by a severe hail storm, July 3.

CARROLLTON, ILL.—J. A. McPherron & Son's greenhouses suffered a storm loss of $500 June 23. All glass was broken.

BINGHAMPTON, N. Y.—H. S. Hopkins will erect new greenhouses in the near future as an addition to his present range.

SAN FRANCISCO, CALIF.—F. E. Stratton has purchased the business of G. H. Evans, known as the Jordan Park Floral Co.

MONTGOMERY, ALA.—The twelfth annual meeting of the Alabama State Horticultural Society will be held in this city July 21-22.

RICHMOND, IND.—Fred H. Lemon, of Fred H. Lemon & Co., owner of the Flower Shop, is recovering from a case of blood poisoning.

MINNEAPOLIS, MINN.—Ten thousand peonies were in bloom June 27 at Lyndale park. There were 100 varieties designated by labels.

DETROIT, MICH.—The Morehead Mfg. Co., of this city, has just issued an elaborate new catalogue of its celebrated steam traps.

COLORADO SPRINGS, COLO.—James Dougherty, florist, formerly of Pueblo, Colo., committed suicide here June 25. He was 59 years of age.

READING, PA.—George W. Beears, for many years engaged in the florist business in this city, is dead of heart disease at the age of 52.

TORONTO, ONT.—William Hill, who had been in the florist business in this city for the past 35 years, died at his home here June 21. His sons, B. L. and William, will continue the business.

WENONA, ILL.—William Metzger, proprietor of the Wenona Greenhouses, is adding one house, 25x75 feet, for vegetables and pansy plants.

RALEIGH, N. C.—Miss Alma I. Stone has been appointed assistant botanist of the state department of agriculture by Commissioner W. A. Graham.

DANBY, VT.—The greenhouses of Mrs. Kate Griffith are being taken down and prepared for shipment. Mrs. Griffith is retiring from business.

MONTAGUE, MICH.—The Fruitvale Nurseries have established a branch here and will erect two houses this summer. Otto Kuehnel is local manager.

JACKSONVILLE, ILL.—William Heinl, manager of the firm of Joseph Heinl & Sons, florists, and Miss Maude McGinnis, also of this city, were married June 28.

PITTSBURGH, PA.—The McCallum Co., believing that its employes should have one day for rest during the week, will close their establishment on Sundays hereafter.

YOUNGSTOWN, O.—George W. Kay and R. W. Dimond have merged under the firm name of the Kay-Dimond Co., but for the present will maintain both stores.

LOUISVILLE, KY.—The Jacob Schulz Co. has been incorporated with a capital stock of $12,000, divided into 120 shares of a par value of $100 each, fully subscribed.

SCHENECTADY, N. Y.—J. E. Felthausen, a specialist in bedding plants, and for over 40 years in the greenhouse business in this city, died June 18, aged 70 years.

NEW ORLEANS, LA.—Mrs. Catherine Etter announces the marriage of their daughter, Mary Alma, to Chas. John Eble, Wednesday, July 14, at St. Alphonsus Church.

ST. PAUL, MINN.—The Flower Shop has removed to 12 East Sixth street. The new store is well arranged and commodious and business is reported very satisfactory.

COLLEGE STATION, TEX.—The annual meeting of the Texas State Horticultural Society will be held at the A. and M. College August 2-3, during the State Farmers' Congress.

VINCENNES, IND.—W. A. Rieman and family are making a trip to Los Angeles, Calif., for the Elks' reunion, and will be at San Francisco for the S. A. F. convention in August.

ERIE, ILL.—Clarence Peckham, proprietor of the Erie Greenhouses, is making extensive improvements, which will include a new house 25x130 feet and a new heating plant.

NASHVILLE, TENN.—The Church street branch store of McIntyre Bros. has been closed. They will confine their business to the main store on Broadway and to the city market.

PHILADELPHIA, PA.—Florists and gardeners are to be guests of the Henry F. Michell Co., Inc., Philadelphia, Pa., at an inspection of the company's trial grounds at Andalusia in August.

CANTON, MASS.—Colonel H. E. Converse, wife and party escaped with minor injuries when the Converse automobile collided with an auto truck in this city, caught fire and was destroyed.

FARGO, N. D.—H. O. Werner, assistant horticulturist at the North Dakota Agricultural College, was married June 27 to Miss Elsie Hermina Ernst, teacher of domestic science in the Reading, Pa., schools. They will reside in this city.

THE AMERICAN FLORIST

ESTABLISHED 1885.

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When sending us change of address always send the old address at the same time.

Advertising rates on application.

From the first issue the AMERICAN FLORIST has accepted only trade advertisements.

Advertisements much reach us Tuesday (earlier if possible), as we go to press Wednesday.

We do not assume any responsibility for the opinions of our correspondents.

THE AMERICAN FLORIST,
440 S. Dearborn St., CHICAGO

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THE chrysanthemum show of the American Institute will be held in the Engineering building, 25-33 West Thirty-ninth street, New York, November 3-5, 1915. Copies of the premium list may be had on application to W. A. Eagleson, secretary, Board of Managers, 324 West Twenty-third street, New York.

Greenhouse Glass.

The glass market is holding very firm, with no prospects of a change until fall. The demand for greenhouse glass is fair, with no great surplus on hand.

American Dahlia Society.

The exhibition of the American Dahlia Society will be held in the American Museum of Natural History, New York, September 24-26, arrangements with the museum authorities having been made, regarding the use of the building.

Ladies' Society of American Florists.

Mrs. John Vallance, 81 Glen Avenue, Oakland, Calif., has been appointed chairman of the introduction committee by Mrs. W. F. Gude, president, for convention week at San Francisco, Calif., August 17-20.

By a majority vote of the letters sent to the secretary, it is recommended that the present board of directors, Mrs. W. W. Coles, chairman, be retained for 1916.

MRS. CHAS. H. MAYNARD, Sec'y.

Chicago Fall Show.

The fall flower show executive committee met at the city offices of the Poehlmann Bros. Co., July 12, there being present A. Henderson, August Poehlmann, Arnold Ringier, George Asmus, E. A. Kanst, Edward Goldenstein, C. W. Johnson, W. J. Keimel, N. P. Miller, H. H. Wilkerson and M. Barker. The report of J. C. Vaughan on poster was presented and full power was given this committee to proceed as may seem best in the matter of securing suitable design. Plans covering the trade space to be sold in the Coliseum and annex were discussed at length and arrangements made to issue diagram and regulations. Appropriations aggregating approximately $1,000 were made in the gardeners' classes and the preliminary premium list was ordered printed. Chicago Grand Floral Festival was settled upon as the official name of the exhibition.

American Ass'n of Park Superintendents.

The preliminary announcement of the seventeenth annual convention of the American Association of Park Superintendents presents what promises to be a very interesting meeting when the organization convenes at San Francisco, Calif., Aug. 18-20, and as several other horticultural organizations hold their conventions in that city during the same week there will undoubtedly be a very large gathering. Roland W. Cotterill, secretary of the American Association of Park Superintendents, issues a cordial invitation to all persons connected with this line of work to attend the convention, whether members of the organization or not.

A special train, consisting of dining car, sleepers, observation car and baggage car, arranged by the Great Northern Ry. Co., will leave Chicago (C., M. & St. P.), 6:30 p. m., Sunday, August 8, and will make stops at Minneapolis, Spokane, Seattle, Tacoma and Portland, where elaborate entertainment features have been planned by the local park commissioners. At Glacier National Park, a 12-hour stop will be made, allowing for an auto tour of the park and a steamer trip on St. Mary's Lake. Persons intending to join the party on this special train at Chicago or Minneapolis should notify Herman W. Merkel, chairman transportation committee, Zoological Park, New York.

While the programme is not at this time complete, there will be lectures, papers and discussions which will be interesting and valuable. The following have agreed to participate: Samuel Hill, president of the Pacific Highway Association; E. B. DeGroot, director of physical education, San Francisco; J. H. Prost, city forester, Chicago; L. P. Jenson and Ernest Strehle, St. Louis, Mo.

The entertainment features will include a reception and dance at the St. Francis hotel Tuesday, August 17; steamer trip around San Francisco bay, luncheon at Oakland, followed by an auto trip to Oakland, Alameda and Berkeley, a stag smoker for the gentlemen and a theater party for the ladies on Thursday. Friday and Saturday there will be inspection tours of the parks, playgrounds and boulevards of San Francisco and the Panama-Pacific exposition exhibits.

The party will leave for the San Diego exposition and points east Sunday morning, August 22.

Bay Tree Steamer Released.

London, July 12.—The release of the American steamers Seaconnet and Neches after their cargoes had been unloaded for the prize court indicated that the authorities have conceded a point in the dispute which has been going on since the beginning of the war between the government and the owners of detained ships.

Both steamers were given clearance without being compelled to pay the usual port fees and dockage charges.

The Seaconnet, New York to Gothenburg, was detained last month at Kirkwall and later taken to Shields, where part of her cargo was thrown into the prize court. The Neches was seized in the Downs June 24 and ordered to proceed to London. The contention of the British Government was that her cargo came from a country hostile to Great Britain.

[The S. S. Neches carried a considerable quantity of Belgian bay trees and palms. It is understood that Belgian shipments are being made regularly via Holland.—Ed.]

American Gladiolus Society.

The schedule of the sixth annual exhibition of the American Gladiolus Society, to be held at the Casino, Newport, R. I., August 18-19, under the auspices of the Newport Garden Association and the Newport Horticultural Society, is ready for distribution, and copies can be had by addressing Henry Youell, secretary, 538 Cedar street, Syracuse, N. Y. The shows at Newport and Atlantic City will be the largest ever held in the history of the society. The Newport Horticultural Society offers $100 in special prizes for Rhode Island growers only. The general premium list includes awards to the amount of $650, besides two gold medals, seven silver medals, four bronze medals, four silver cups and other articles of value. Applications for space for trade exhibits at both shows are coming in rapidly.

Convention Travelers' Chicago Stop-over.

The Chicago Florists' Club has made arrangements to entertain all florists visiting Chicago on August 12 en route to the convention at San Francisco. The entertainment will consist of an auto ride through the parks and other points of interest about the city. The ride will end with a dinner at the Bismarck Gardens at 6 o'clock p. m. After the dinner the party will return to the city by 8 o'clock in ample time to prepare to take the train for 'Frisco at 10 o'clock p. m. The committee in charge of the entertainment urges all florists visiting the city that day to meet them at the Auditorium Hotel at 1:30 p. m. sharp prepared to start on the trip.

Wants, For Sale, Etc.

One Cent Per Word, Cash with Adv.

For Plant Advs., See Ready Reference Section.

Where answers are to be mailed from this office enclose 10 cents extra to cover postage, etc.

Situation Wanted—Gardener, 15 years' experience, desires position on private place. Reference is the best. Address
Key 502, care American Florist.

Situation Wanted—Place in greenhouse where general stock is grown. Life experience, best of reference. N. W. Missouri preferred. Address
Key 529, care American Florist.

Situation Wanted—By all-'round florist, designer; German, single, 25; 10 years' experience; good references; state wages.
W. MARTENS, 48 E. Walton Pl., Chicago.

Situation Wanted—Specialist in roses carnations, 'mums, pot plants and general greenhouse stock; also first-class designer; can manage help; married; 22 years' experience.
GEO. COLLINS, 27 Forest Ave., Lake Forest, Ill.

Situation Wanted—Do you need a competent assistant? Nine years' store and greenhouse experience. State salary and particulars. Excellent reference. Address
Key 525, care American Florist.

Situation Wanted—By young man, first-class designer, decorator and storeman of ability. 12 years' experience. A-1 reference. Can come at once. State salary and particulars. Address
Key 524, care American Florist.

Situation Wanted—On private place, by gardener and florist, with 14 years' experience in greenhouse work, flower garden, shrubs and vegetables. Single, age 29. Address
Key 509, care American Florist.

Situation Wanted—I want to locate with some firm that needs a man experienced in store and greenhouse, capable designer and decorator. References. State full particulars. Address
Key 508, care American Florist.

Situation Wanted—As manager, by a practical grower of roses, carnations, chrysanthemums, etc. A capable supervisor of help; over 30 years experience; credentials O. K. Commercial or institution. State wages. FLORIST,
61 W. Ontario st., Chicago.

Situation Wanted—By young man with college and practical training in horticulture. Insect and disease control a specialty. Have excellent habits good common sense, initiative, ability and ambitious. Want position with good future; willing to work and learn. LEON LEONIAN,
State University, Lexington, Ky.

Situation Wanted—By Aug. 1st in up-to-date florist place only; as a grower in general line first class stock; practical life experience in roses, carnations, chrysanthemums, etc.; also general line of potted plants and bedding stock. Capable of taking charge or section man. Middle aged, single man; German, honest and sober. Please state all particulars in first letter when writing.
Key 536, care American Florist.

Help Wanted—An experienced grower at once. Will write particulars. Address
Key 534, care American Florist.

Help Wanted—Saleslady and designer for Chicago loop store. Address
Key 521, care American Florist.

Help Wanted—A grower with commercial experience, married man, small family. Salary $700.00 to $800.00 per year and quarters.
A. T. ERWIN, Iowa State College, Ames, Ia.

Help Wanted—Competent man for general greenhouse work and commercial establishment near Chicago. State age, experience and wages expected. Address
Key 533, care American Florist.

Help Wanted—A young man that has had experience with carnations. State wages wanted, with board, in first letter.
RUGBY GREENHOUSES,
Rugby, N. D.

Help Wanted—Competent man to manage or lease commercial establishment in Chicago suburb, with ground area of 210 x 185 feet and 13,000 feet of glass. The only place in town. For further particulars address
Key 523, care American Florist.

Help Wanted—At once; two men; first-class rose, chrysanthemum and pot plant grower; middle age, married preferred. Also an assistant carnation grower with some experience; young man preferred. Modern plant of 40,000 feet in a city of 25,000.
ANSEL D. CARPENTER, Cohoes, N. Y.

For Sale or Lease—Eight greenhouses, five acres of land; an old established retail business; an excellent proposition for young hustlers.
JOHN N. BOMMERSBACH, Decatur, Ill.

For Sale—The best paying seed and nursery business in the west for amount invested. Will sell together or separate; will require about $50,000 to handle both. Address
Key 513, care American Florist.

For Sale—Retail flower business. Good opportunity for live wire, either lady or gentleman. Increased 50% over last year. Low rent. Best flower town in country. Address
Key 528 care American Florist.

For Sale—Retail flower business with greenhouse connection. Hot water heat. Good opportunity for a good designer. Low rent. Northwest side, Chicago.
ED. PALMEN,
3435 W. Chicago Ave., corner Trumbull.

For Sale—Greenhouses, about 20,000 square feet of glass, nearly new including 8-room house. Well stocked, output sold to local florists. Easy terms. Liberal commission for information leading to sale. Address
B. HINRICHS, Racine, Wis.

For Sale—Greenhouse, 32x210, sixteen acres fine trucking land, seven room bungalow, hot and cold water, bath, pantry, out-buildings. Mild climate, good roads. On railroad, three miles from city. Box 49, Richmond, Va.

For Sale—Fine paying retail business in the heart of La Crosse, Wis.; established over 20 years, same location; residence and greenhouse in connection if desired. Reason for selling, owner wishes to retire. Chance of lifetime for right party. For further particulars address
Key 537, care American Florist.

Notice of Change of Address

Having moved all of our Olean greenhouses to our new plant at Allegany, we have decided to change our address from Olean, N. Y., to Allegany, N. Y.

Yours truly,

ELMER RAWLINGS, Allegany, N. Y.

Seed Store Foreman Wanted

One of the leading Eastern Seed and Plant establishments desires the services of a working foreman for their Retail Store Department. Should have a general knowledge of seeds, plants, etc. State experience, age, reference and salary expected. Address

Key 535, care American Florist.

For Sale—Greenhouses; 13,000 ft. of glass. Moninger houses. Well stocked with a general line; best location in state; a good paying plant; liberal terms; retiring from business; a splendid opportunity. For particulars address
Key 531, care American Florist.

FOR SALE.

Greenhouses to be removed before Sept. 1st, 1915. Six houses 24x266 feet will be sold to highest bidder. Located at Kimball and Foster aves., Chicago, Ill.

THEODORE KRON, Owner,
3411 Foster Ave., Chicago, Ill.

Boiler Bargain

2 No. 100 Oil City firebox boilers, capacity 4000 ft. steam or 6000 ft. water. 2 years old, as good as new. These boilers need no brickwork. Will sell them cheap. **E. J. RYAN,**
545 W. Lake St., Chicago.

NOTICE
—OF—
STOCKHOLDERS' MEETING

CHICAGO, July 17, 1915.

Stockholders of the American Florist Company:

You are hereby notified that the annual meeting of the stockholders of the American Florist Company will be held in the Hotel St. Francis, San Francisco, Calif., Wednesday, August 18, 1915, at 3 o'clock p. m., for the purpose of electing directors and officers for the ensuing term, and for the transaction of such other business as may come before the meeting.

J. C. VAUGHAN, Pres.
M. BARKER, Sec'y.

OFFICIAL S. A. F.

Shipping Labels

Actual size of leaf 2¾x5¼ inches.

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Prices: Per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO.
440 S. Dearborn St., CHICAGO.

Greenhouse Construction

BY PROF. L. R. TAFT.

It tells the whole story about how to build and heat a greenhouse, be it large or small, and that, too, in a plain, easily understood, practical way. It has 210 pages and 118 illustrations. **PRICE, $1.50.**

Greenhouse Management

By the same author. Covers the subject completely. 382 pages. **PRICE, $1.50.**

American Florist Co., 440 S. Dearborn St., Chicago

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72-74 E. Randolph St.,

Summer Roses-Summer Carnations

We Have The Best and Largest Supply

CURRENT PRICE LIST.

CATTLEYAS--GIGAS

Per Doz.....$4.00

ASTERS

Per 100.....$3.00 to $4.00

DENDROBIUMS

Per Doz.....$6.00

EASTER LILIES

Extra quality flowers. Long stems.
Per Doz.....$1.50 Per 100.....$10.00

LILY OF THE VALLEY

Fancy, per 100	$4.00
2nd	3.00
3rd	2.00

CARNATIONS

Fancy, per 100	$2.00
Medium, "	1.50
Seconds, "	1.00

FERNS, NEW CROP

Per 1000	$1.50
3000 to 5000 at	1.25

	Per 100
MILADY, RICHMOND, BULGARIA, AARON WARD, KILLARNEY, WHITE KILLARNEY, KILLARNEY QUEEN	
Extra long	$8.00
Long	6.00
Medium	$4.00 to 5.00
Short	2.00

CECILE BRUNNER, also called Sweetheart Roses ..... per 100, $2.00

FLOWERS FOR TRIMMING

Assorted lots.....$1.00 and up

MISCELLANEOUS

	Per 100
Sweet Peas, summer flowering	$ .50 to $1.00
Daisies, white and yellow	1.00
" Shasta	1.00 to 2.00
" Field, extra fine	.50
Gladioli	4.00 to 6.00
Coreopsis—Gaillardias	.75 to 1.00
Peonies	4.00 to 6.00
Smilax	doz. $2.00
Plumosus	2.00 to 3.00
Sprengeri	2.00 to 3.00
Adiantum	1.00
Galax, per 1000	$1.25 .15
Mexican Ivy, per 1000	6.00 .75

American Beauties

	Per I
Specials, 48-60 in	$3
36 in	2
30 in	2
24 in., young stock	1
20 in., " "	per 100, $10 00
18 in., " " " "	8.00
Shorter, " " " "	3.00

$4.00, $6.00.

Mrs. Chas. Russell

36-48 in., per 100	$1
24-30 in., "	1
18-20 in., "	$8.00 to 1
Shorter "	$3.00, $4.00, $6

	Per 100
Hoosier Beauty, HADLEY, OPHELIA, SUNBURST, BRILLIANT	
Long	$8.00 to $1
Med.	4.00 to
Short	

Orders booked now for **BOXWOOD** for Christmas delivery. We have arranged for a large supply of the best dwarf Virginia stock

Florists' Supplies

SPECIAL 40% JULY DISCOUNT

On all orders for wire designs amounting to $10.00 or over.
Place an order with us and be sure of delivery.

12 Bales of Moss - - - $10.0

Magnolia Leaves, per box - 1.2

Cycas Leaves, assorted sizes, 12 to 44 in., per 100 **7.0**

Galvanized Wire Rose Stakes, (No. 8—4 ft.) Special, per 1000, **$9.7**

New Catalog Now Ready

Write for one. A postal will do. Bigger and better than ever.

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ng Distance Phone, Randolph 35.

CHICAGO, ILL.

Grafted and Own Root Rose Plants

Vestern headquarters for Grafted and Own Root Rose Plants of the most popular varieties. For commercial growers only. Booking orders now for future delivery.

GRAFTED, 2½-inch.	Per 1000
ık Killarney	$100.00
llarney Brilliant	100.00
dley	100.00
lgarie	100.00
:ile Brunner	100.00
s. Chas. Russell	130.00
helia	130.00

GRAFTED, 3½-inch.	Per 1000
Hadley	$140.00
Milady	140 00
Bulgarie	140.00
Cecile Brunner	140.00
Ophelia	170.00

OWN ROOT, 2½-inch.	Per 1000
Bulgarie	$55.00
Hadley	55 00
Milady	55.C0

OWN ROOT, 3½-inch.	Per 1000
Hadley	$90.00
Milady	90.00
Cecile Brunner	90 00
Bulgarie	90.00
d'Arenberg	90.00

Field Grown Carnations, as long as they last, $6.00 per 100; $55.00 per 1000.

QUALITY PLANTS

	100	1000
jonias, Luminosa and Vernon for bedding, 2¼ in.	$ 2.50	
3 in.	5.00	
jonia, Chatelaine, 2¼ in.	3.50	
3 in.	8.00	
4 in.	15.00	

adiums, Fancy Leaved (Summer delivery) 5 and 6 in. pots. 35c, 50c, 75c, $1.00 and $1.50 each.

mulas, Grandiflora and Gigantea strain, only the choicest varieties (Summer delivery), 2¼ in.	$3.00	
3 in.	5.00	

	100	1000
Smilax, strong new stock, 2¼ in.	2.50	$23.00
3 in.	6.00	50.00
Wandering Jew, Zebrina and White variegated for hanging baskets. 2¼ in.	2.50	

Hanging Baskets planted with: **Sprengeri, Boston** and **Vincas.**

Foliage and blooming plants in sizes from $1.00 up to $3.50 each. These baskets are made up ahead of time and are established ready for use.

Crotons, 3 in. at 25c each. 4 in. at 35c each. 5 in. at 50c to 75c each.

Pandanus Veitchi, highly colored, 4-in., 50c; 5-in., 75c; 7-in., $1.50; 8-in., $2.00; 10 in., $4.00 each.

Araucarias, Robusta Compacta, large plants, $2.50 each.

Crotons, well colored in all varieties, extra fine, 50c to 75c each.

	Per 100	Per 1000
Asparagus Plumosus, 2¼ in.	$ 3.50	$30.00
3 in.	7.00	65.00
4 in.	12.00	115.00

Sprengeri and Boston Hanging Baskets for July $1.00, $2.00 and $3.00 each.

CHRYSANTHEMUMS.

Headquarters for the best commercial varieties of Chrysanthemums; 2¼-inch and rooted cuttings, for commercial growers only. List includes only such varieties as are grown in large quantities. Booking orders now. Shipped when wanted.

The Two Best Varieties Ever Offered.

	Per 100	Per 1000
ıs Marvella French, late white	$8 00	$70 00
ıs Pauline Anderson, late yellow	4 00	35 00

oth these varieties scored 94 points by judges the Chrysanthemum Society of America, at cago, and both scored 95 points by the judges the Minnesota State Florists' Association, at ınsapolis.

	R. C. per 100	R. C. per 1000	2½-inch per 100	2½-inch per 1000
WHITE—				
October Frost	$2 50	$22 00	$3 00	$27 00
Charles Razer	2 50	22 00	3 00	27 00
W. H. Chadwick	2 50	22 00	3 00	27 00
Timothy Eaton	2 50	22 00	3 00	27 00
Oconto	2 50	22 00	3 00	27 00
Alice Salomon	2 50	22 00	3 00	27 00
Virginia Poehlmann	2 50			
BRONZE—O. H. Kahn	2 50	22 00	3 00	27 00
RED—Schrimpton	2 50	22 00	3 00	27 00
PINK—				
McNiece	$2 50	$22 00	$3 00	$27 00
Enguehard	2 50	22 00	3 00	27 00
Maud Dean	2 50	22 00	3 00	27 00
R. E. Loeben	2 50	22 00	3 00	27 00
Patty	2 50	22 00	3 00	27 00
Wells' Late Pink	2 50	22 00	3 00	27 00
Chieftain	2 50	22 00	3 00	27 00
YELLOW—				
Golden Glow	$2 50	$22 00	$3 00	$27 00
Yellow Salomon	2 50	22 00	3 00	27 00

POMPONS, 2½-in. stock, $4.00 per 100; $35.00 per 1000. Best standard varieties only.

☞ **SPECIAL NOTICE TO CUSTOMERS:** You will not have to pay any toll charges from Chicago to Morton Grove, if you ask Central for Rogers Park 684.

PALMS

WESTERN HEADQUARTERS.
STRONG, CLEAN AND HEALTHY STOCK.
Largest Supply of Choice Kentias we have ever offered. Both single and made-up.

Kentia Belmoreana
Single Plants

			Each
ıch pots,	5 to 6 leaves,	18 in. high	$0.40
	$4.50 per dozen.		
ıch pots,	6 to 7 leaves,	24 in. high	1.00
ıch pots,	6 to 7 leaves,	28 to 30 in. high	1.50
ıch pots,	6 to 7 leaves,	32 to 34 in. high	2.00
ıch pots,	6 to 7 leaves,	36 in. high	3.00
ıch tubs,	6 to 7 leaves,	38 in. high	3.50
ıch tubs,	6 to 7 leaves,	48 in. high	5.00
ıch tubs,	6 to 7 leaves,	58 to 64 in. high	7.50
6 inch pots,	6 to 7 leaves,	34 to 36 in. high	1.50
6 inch pots,	6 to 7 leaves,	38 to 42 in. high	2.00
6 inch pots,	6 to 7 leaves,	44 to 46 in. high	2.25
8 inch tubs,	6 to 7 leaves,	46 to 48 in. high	3.50
8 inch tubs,	6 to 7 leaves,	50 to 54 in. high	5.00
8 inch tubs,	6 to 7 leaves,	5 ft. high	6.00
10 inch tubs,	6 to 7 leaves,	5 to 5½ ft. high, heavy	8.00
10 inch tubs,	6 to 7 leaves,	6 to 6½ ft. high	10.00

Specimens, $15.00 to $50.00.

Kentia Belmoreana
Made-up Plants

pots	3 plants in a pot	24 in. high	$1.50
pots	3 plants in a pot	38 in. high	3.50

Specimens, very heavy, $10.00 to $12.00.

Kentia Forsteriana
Single Plants

ıch pots,	5 to 6 leaves,	18 to 20 in. high	$0.40
	$4.50 per dozen.		
ıch pots,	5 to 6 leaves,	28 to 30 in. high	1.00

Kentia Forsteriana
Made-up Plants

			Each
6 inch pots,	3 plants in a pot,	24 to 26 in. high	$1.25
7 inch pots,	3 plants in a pot,	28 to 30 in. high	2.00
7 inch pots,	3 plants in a pot,	36 to 38 in. high	2.50
7 inch tubs,	4 plants in a tub,	38 to 40 in. high	3.00
8 inch tubs,	4 plants in a tub,	38 to 44 in. high	3.50
8-inch tubs,	4 plants in a tub,	50 in. high	5.00
8-inch tubs,	4 plants in a tub,	56 to 58 in. high	6.00
10-inch tubs,	4 plants in a tub,	5 ft. high	8.00
12-inch tubs,	4 plants in a tub,	5 to 5½ ft. high	10.00
12-inch tubs,	4 plants in a tub,	6 ft. high	12.00

Strong specimens, in 15 inch tubs, 5 plants, $15.00, $18.00 and $25.00 each.

PALMS

Phoenix Roebelenii

	Each
4 inch pots, nicely characterized	$0.50
7 inch pots, 22 in. high 30 to 32 in. spread	2.00
7 inch pots, 26 in. high, 34 to 36 in. spread	2.50
8 inch tubs, grand specimens	3.50
10 inch tubs, grand specimens	5.00 to 7 00

Areca Lutescens

6 inch pots, 3 plants in a pot	1.00
7 inch pots, 3 plants in a pot	2.00
8 inch tubs, 5 plants in a tub	3.00

Aspidistra Lurida

Green, 5 inch pots, 10 to 12 leaves	1.00
Variegated, 5 inch pots, 10 to 12 leaves	1.50

Dracaena Massangeana

5 inch pots	.75
6 inch pots	$1.00 to 1.25

Dracaena Godseffiana

2 inch pots ....$1.00 per doz.; $8.00 per 100

RUSSELL ROSES.

Fine supply of this popular variety now coming in.

We make a specialty of growing roses best adapted to hot weather and recommend the RhealReid, Ophelia, Sunburst and New Beauties.

FANCY LILIES.

75 cents per dozen; or, if ordered in lots of 50 or more, at the rate of $5.00 per 100.

CURRENT PRICE LIST

American Beauties	Per doz.
Specials, extra long stems	$2.50
Extra long stems, seconds	1.00
30 in. stems	2.00
18-24 in. stems, New Beauties	$1.00 to 1.50
Shorter lengths	per 100, $3.00 to $6.00

Russell	Per doz.
Extra long	$1.50
Good medium	$0.75 to 1.00
Short	.50

Ophelia, Rhea Reid, Bulgarie and Shawyer	Per 100
Extra long	$6.00 to $8.00
Medium	4.00 to 6.00
Short	3.00

Cecile Brunner.....per bunch, 25c

White and Pink Killarney and Richmond	Per 100
Long	$6.00
Medium	$4.00 to 5.00
Short	3.00

Yellow Roses, Hillingdon and Sunburst	
Long	$ 6.00 to 8.00
Medium	4.00 to 5.00
Short	3.00

Choice EASTER LILIES	75c per doz.
LILY OF THE VALLEY	3.00 to 4.00
ASPARAGUS SPRAYS and SPRENGERI	3.00
FERNS, new Wisconsin	1000, $1.50
ADIANTUM	1.00
GALAX, bronze and green	per 1000, $1.00

ROSES in lots of 500 or more at the rate of $20.00 per 1000

We grow all the stock we sell, and wish to remind all buyers of the advantages of buying direct of the grower.

All Other Seasonable Flowers at Lowest Market Prices.

No mail except special delivery letters is delivered during July and August by the Chicago P. O. between Saturday noon and Monday morning.

BASSETT & WASHBURN

LONG DISTANCE PHONES,
CENTRAL 1457.
AUTO., 47-314.

OFFICE and STORE,
131 N. Wabash Ave., CHICAGO, ILL.

Greenhouses: Hinsdale, Ill., and Greggs Station, Ill.

Chicago.

TRADE VERY QUIET.

Trade has been very quiet the past week, but several of the large wholesale houses report that so far during July there has not been much difference in the sales over the same month of last year. Stock of all kinds is very plentiful and is being sold in large lots at bargain prices. American Beauty roses are arriving in unusually large numbers this week, but are not selling any too well, even at the low prices offered. The bulk of the American Beauties now arriving are long-stemmed flowers, for which there is little or no demand, but it appears as if the shorter grades are moving better and bringing as high prices as the longer stemmed stock. The supply of Mrs. Chas. Russell roses is also large and stock in this variety can be had at reasonable prices. Hoosier Beauty roses continue to clean up well and this variety is making quite a hit with the local buyers. Some good Hadley are arriving and the same holds good for My Maryland, Ophelia and Prince de Bulgaria. Double White Killarney are in good supply, but clean up well each day, especially on shipping orders. All the other roses are also plentiful, and taken all in all roses in general are selling in large lots at low prices. A few carnations are arriving yet and the receipts of gladioli never were so large nor probably sold at such low prices as they are bringing now. Sweet peas are still being offered in large quantities and at times fairly good stock is obtainable. Lilies are in good supply and some fine lily of the valley is obtainable. Orchids are seen in large numbers and the receipts of asters are steadily increasing. Peonies are still a factor in the market, but the end of the cold storage supply is near and no one will regret when the season is over, for the market is completely gutted with out-door stock, which is affecting the sale of greenhouse grown flowers to a large extent. Large shipments of Virginia boxwood are arriving and the employes at the wholesale houses are busy bunching up this stock in their spare moments.

NOTES.

All florists are invited to participate in the fourth annual window display exposition of local products, August 2-7, inclusive, to be held under the auspices of the Chicago Association of Commerce. Mayor Thompson has issued a proclamation officially declaring the week of August 2 to be known as "Chicago Market Week" and inviting the people to participate and cooperate in a general celebration. In addition to the proposed window displays of local goods there will be held simultaneously the fashion show for the benefit of the public as well as out-of-town visitors, together with other market attractions of unusual interest. Many of the largest commercial houses have already signified their willingness to actively participate in this undertaking and this is a splendid opportunity for the trade to do likewise. There will be no expense or obligation on the part of those agreeing to participate other than the arranging for exhibits, the giving of window space and such special advertising displays as each firm may desire to use. Further particulars regarding "Chicago Market Week" may be obtained for the asking from the Association of Commerce, 10 South La Salle street.

Frank Oechslin and wife left for California July 10, to take in the sights at the Panama-Pacific exposition. Mr. Oechslin's property on Quincy street is becoming quite valuable and is gradually being surrounded by new flat buildings and will be pretty well hemmed in on the Jackson boulevard side in the near future, for this street is being extended to the park and is already well lined with buildings. When Mr. Oechslin started in 15 years ago he had a clear view from Madison to Lake street, but that territory is all built up and it would not be at all surprising to hear one of these days that he had sold a part of his property and moved a part of his plant further out in the country.

H. N. Bruns, 3032 West Madison street, has a good stock of nice boxwoods still on hand but they are moving fast, for he is about the only dealer who has any kind of a supply on hand. Mr. Bruns' son, Herman, who is taking the floricultural course at Urbana, is helping out at the store during vacation and while some of the employes are enjoying a well-earned rest.

John Astor Jacobs of the E. C. Amling Co. is on his vacation this week and Bert Cole of the same firm leaves July 17 with his wife for a 2,200-mile lake trip on the steamer North American. Bert says that every time he takes a vacation American Beauty roses are in full crop the week before.

Fred Price of the J. A. Budlong store force is on the sick list this week, so Manager Philip Schupp is giving Wm. Homberg a lift in the shipping department. The Budlong firm is cutting a good supply of summer roses, particularly fancy Double White Killarney.

HOME GROWN

PEONIES

Best Obtainable.
Everything in Cut Flowers and Greens.

O. A. TONNER, Wholesale Florist
30 East Randolph Street, CHICAGO.

PETER REINBERG

30 East Randolph St., LONG DISTANCE PHONE CENTRAL 2846. **CHICAGO**

NICE CROPS OF ROSES

RICHMOND--OPHELIA--RUSSELL

Also choice American Beauty, Sunburst, Killarney, White Killarney, Maryland and Milady. Good crop of Red, White and Pink Carnations.

Buy Direct From The Grower. **Current Price List** Subject to Change Without Notice.

AMERICAN BEAUTIES	Per doz.
48-inch stems	$3 00
36-inch stems	2 50
30-inch stems	2 00
24-inch stems	1 50
15 to 20-inch stems	1 00
Short	$0.50 to 75

Richmond, Killarney, White Killarney, My Maryland, Sunburst, Milady, Ophelia	Per 100
Extra select	$7 00
Select	6 00
Medium	5 00
Short	$3 00 to 4 00

MRS. CHAS. RUSSELL	Per doz.
Specials	$1 50
Select	1 00
Medium	75
Short	50

	Per 100
ROSES, our selection	**$3.00**
Carnations	**$1.00 to $3.00**
Harrisii	10 00 to 12 50
Peonies	4 00 to 8 00
Valley	3 00 to 4 00
Adiantum	1 00
Asparagus, per bunch	50c to 75c
Ferns, per 1000	$2 00 25

2,000,000 Feet of Modern Glass

The allied building construction material interests lifted the ban on the delivery of material Saturday, July 10, which was the first important effect of the settling of the carpenter's strike. It means an immediate resumption of work. The building industry in Cook county has been paralyzed, and $30,000,000 worth of construction work has been tied up since early in April on account of the strike of carpenters and other trades. This settlement insures this city's industrial peace in the building industry for the next three years, and is a good settlement. The uniform agreement provides that there shall be no lockouts during the life of the contract. It was admitted that the carpenters got one of the best agreements they have ever had. They will get 70 cents an hour for three years, a raise of 5 cents an hour over the old scale.

Weiland & Risch had a few blooms of their new rose Champ Weiland at their store this week, where they attracted much favorable attention and were greatly admired by the customers. It is a sport of the original Killarney and is said to be considerably freer than any of the Killarneys. The buds are large and the color is a bright, clear, glistening cerise pink, with the inner and reverse sides of the petals identically the same. Placed alongside of the rose Mrs. Chas. Russell it is a full shade darker and absolutely fadeless, with the stem well clothed with a rich dark red foliage. It is deeply scented, and is one of the prettiest roses that one ever had the pleasure to inspect. John Risch says that the name of the variety will probably be changed to the Wonder Rose and that the firm is thinking seriously of placing it on display for the first time at the fall flower show in the Coliseum.

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

PERCY JONES INC.
WHOLESALE COMMISSION FLORISTS
56 East Randolph Street
CHICAGO

FERNS

BEST AND CHEAPEST
ANY QUANTITY
LARGEST DEALERS IN DECORATIVE GREENS IN CHICAGO

Louis R. Finnerman is back in the employ of Percy Jones, and will be a member of this firm's relay team which has challenged any wholesale house in this city to compete with them at the big picnic to be held at St. Paul Park, Morton Grove, Sunday, July 25. The team will consist of Morris Gronberg, Louis R. Finnerman, Fritz Simons and Luke Schrer, all members of the Percy Jones house, and who will run in the order named.

The annual outing of the Chicago Florists' Club, to be held at St. Paul Park, Morton Grove, Sunday, July 25, promises to be well attended. The baseball game between the Growers and Wholesalers will be hotly contested, and if all the players will do all they claim that they are going to do it will be a contest worth while seeing. Everybody is invited to attend and from present indications everybody is going to be there.

Wietor Bros. are busy housing their carnations, and so far 90,000 out of 160,000 plants have been benched. This firm grows all the best new and standard varieties, and N. J. Wietor today believes that Bonfire is one of the best paying reds on the entire place. The store force will start on their vacations soon, and it appears as if everyone is going fishing.

Mrs. J. F. Kidwell, who underwent an operation for appendicitis two weeks ago at the Presbyterian Hospital, is slowly recovering, but her condition is still considered to be quite serious.

George Gobel, one of the obliging young salesmen at Kennicott Bros. Co.'s store, leaves July 17 to spend a two weeks' vacation at Paw Paw Lake, Mich.

A. T. Pyfer, with A. T. Pyfer & Co., John Ziska and Raymond Ziska, with Joseph Ziska & Sons, motored to Starved Rock, July 14.

O. A. Tonner is offering a good supply of indoor sweet peas of unusually fine quality for this season of the year.

WIETOR BROS.
162 N. Wabash Ave., Long Distance Phone, Randolph 2081. CHICAGO
BEAUTIES-ROSES-CARNATIONS

Miss Elsie Winterson, daughter of E. F. Winterson, the well-known wholesale florist, stole a march on her parents and many friends, Wednesday, July 7, when she was quietly married to B. J. Boehm at St. Elizabeth's Episcopal church at Glencoe. The happy young couple dropped in to see Fritz Bahr, a great friend of the family, after the ceremony, and just as he was entertaining his friend Anton, then at dinner. Mr. Bahr might have had nothing to do with the elopement, but the splendid feast he had ready for the couple and the extra plates that were set looked kind of suspicious, but then no one would blame him for assisting such a charming young lady as Mrs. Boehm, and it is needless to add that Mr. and Mrs. Winterson have forgiven them all and everyone connected with the romance is happy. Congratulations of the trade are extended to Mr. and Mrs. Boehm.

Poehlmann Bros. Co. is having a brisk call for chrysanthemum cuttings and plants and each mail brings in new orders. Field-grown carnation plants are also moving nicely, and if orders keep coming in the way they have been the past few days a grand cleaning up in both lines will be experienced. T. E. Waters of the supply department has received an unusually large number of requests for the firm's new supply catalogue, which is bigger and better than ever and now ready for mailing. Miss Hazel Gremm of the supply department left this week for California (avenue) to enjoy a well-earned rest.

A. L. Vaughan says that so far there has been no great difference in the sales in July at A. L. Vaughan & Co.'s store compared with the same month last year. He thinks that there are too many gladioli grown for market purposes, and is wondering what prices this stock will bring the latter part of the month and in August, when the receipts will be considerably larger, compared to the extremely low prices now realized.

Fred Ottenbacher of the Zech & Mann store force is on his vacation this week and Gale Fanning is back from his outing and again on the job at the store. Allie Zech says that business has been none too brisk this week, but on the whole he has no cause to complain, for stock is cleaning up quite well, notwithstanding the quiet spell that all the dealers are experiencing now.

N. J. Wietor, Adam Zender, John Sinner and D. E. Freres, and fifteen others, represented their parish and were in the funeral procession when the remains of Most Reverend James Edward Quigley, Archbishop of this city, were removed from the La Salle street depot to the Holy Name Cathedral on North State street.

Peter Reinberg is cutting from a nice crop of Mrs. Chas. Russell and Ophelia roses and the receipts of American Beauties are very heavy at the store now. Emil Reichling, superintendent of the Reinberg greenhouses, will be one of the local florists to attend the S. A. F. convention at San Francisco, Calif., in August.

Fred. Schramm was elected vice-president of the Chicago Flower Growers' Association at the annual meeting last week, and not Chas. McCauley, as was reported in the trade papers. Both gentlemen are such good-natured fellows that one is apt to get them mixed once in a while, inasmuch as Mr. McCauley is treasurer.

SUMMER
ROSES
Large supply of choice stock in all the leading varieties including Mrs. Chas. Russell and Ophelia.
EVERYTHING ELSE IN CUT FLOWERS AND GREENS
Play Safe—Order Here.
CHICAGO FLOWER GROWERS' ASSOCIATION
Wholesale Growers of Cut Flowers and Plants
176 North Michigan Ave., L. D. Phone, Randolph 5449. Chicago

Mrs. Horton, of the Bassett & Washburn force, received a letter from E. B. Washburn, Pasadena, Calif., this week stating that C. L. Washburn and wife were due to arrive there on July 7 and that he was ready to meet them with a band and a parade at the depot.

Miss Emma Guillaume, daughter of Mrs. A. Guillaume, the well known retail florist of La Crosse, Wis., is visiting her brother, Henry, here this week. He has just returned from Panama and is now engaged in the automobile business here.

Hoerber Bros. are cutting a good supply of Hoosier Beauty, Ophelia and Mrs. Chas. Russell in addition to their regular line of roses consisting of all the best standard varieties. Keeping abreast of the times is the motto at this house.

Ed. Siebrecht, of the Fleischman Floral Co.'s staff, returned this week from a vacation trip to Minnesota and the Dakotas, and reports having had a splendid time. He assures his friends that he is still single.

Dr. Arthur J. O'Keefe, who has charge of the floral department at Sheldon's undertaking parlors, has the sympathy of his many friends in the trade in the loss of his mother, whose death occurred this week.

The Retail Florists' Association met at the Hotel Bismarck, Friday, July 9, when a committee was appointed to make the necessary arrangements to hold the second annual outing of the organization.

John Franzonia, with Martin C. Ribsam, Trenton, N. J., visited friends here for a few days last week. He is on his way to California where he will take in the sights at the Panama-Pacific exposition.

Miss Anna Troeger, with Berger Bros., Philadelphia, Pa., was a visitor this week. She is bound for San Francisco, Calif., where she will attend both the Panama-Pacific and San Diego expositions.

Miss Marguerite McNulty of the Peter Reinberg store force and Miss Nettie Parker, with A. T. Pyfer & Co., are going to attend the S. A. F. convention in San Francisco, Calif., in August.

Erne & Klingel are showing a fine grade of Richmond roses, which are in good demand at the store. Fancy smilax is always seen in good supply at this store.

The board of directors of the Chicago Flower Growers' Association held a meeting at their store on North Michigan avenue, Tuesday, July 20.

Emil Jehlik and Joseph Ziska, Jr., will leave soon for San Francisco, Calif., where they will attend the Panama-Pacific exposition.

Miller & Musser are handling large quantities of stock now, especially gladioli, which is one of the chief offerings at this store.

D. F. Simonds, of the Ogden Floral Co., 1917 West Harrison street, will leave soon to spend 10 days fishing at Flambeau, Wis.

Vaughan's Seed Store reports its express shipments of French freesia bulbs are, by cable advice, due in New York July 20.

The boys at George Reinberg's store are talking vacation and from present indications it seems as if everyone is going fishing.

The John Kruchten Co. is handling large quantities of gladioli this week in addition to its regular line of stock.

John Michal, of Michal Bros., 7045 Stony Island avenue, bought a new seven passenger Chalmers this week.

Kyle & Foerster are still offering a good supply of peonies and expect to fill orders for several weeks yet.

Philip L. McKee, with the John C. Moninger Co., made a business trip to Milwaukee, Wis., this week.

Chas. London, with C. Weiland, Evanston, is visiting his folks at Brooklyn, N. Y.

The George Wittbold Co. is building a new Garland greenhouse at Edgebrook.

Miss Unger is now attending to the office duties at the Chas. W. McKellar store.

ROSE BUYERS

are steadily realizing that there is only one **white rose** on the market in summer that gives satisfaction and that particular variety is

Budlong's Double White Killarney

which has several strong features, viz: Full flower, heavy foliage, better keeper and shipper and last but not least it is whiter than the common strain of White Killarney.

HIGH GRADE VALLEY--HARRISII--SMILAX

BESIDES ANYTHING AND EVERYTHING THAT THE MARKET AFFORDS IN CUT FLOWERS AND GREENS.

You can increase your profits and business by sending your orders to

Quality Speaks Louder Than Prices.

J. A. BUDLONG

82-84-86 East Randolph Street, CHICAGO.

VALLEY, ROSES and CARNATIONS A Specialty.....

WHOLESALE GROWER OF **CUT FLOWERS**

Prices As Low As Others.

We are in daily touch with market conditions and when a decline takes place you can rely upon orders sent us receiving such benefits.

The Fleischman Floral Co.'s handsome delivery car was struck by a street car July 13 and slightly damaged when the driver was trying to avoid a collision with a wagon.

W. W. Randall, of the A. L. Randall Co., is giving the boys in the supply department a lift while he is in the city.

A. Currie and wife, of Milwaukee, Wis., passed through the city this week in their auto on their way to Ottawa.

A. M. Terrill, Calgary, Alberta, Can., is here on a visit.

Visitors: Mrs. W. S. Bell, Okmulgee, Okla.; Lund sisters, daughters of C. Lund, Wausau, Wis.; P. W. Tibener, with Myer & Co., Bluffton, Ind.; Henry C. Geiger, with the Flower Gardens, North Wales, Pa.

Chicago Florists' Club.

The regular meeting of the florists' club was held at the Hotel Bismarck, July 8, President Keimel in the chair. There was a large attendance, and Geo. C. Weiland, Max Ringier, H. B. Kennicott, R. R. Brenton, G. F. Sykes, James M. Brown and Charles Mathes were elected to mebership. Allie Zech, 30 East Randolph street; John Michal, 7045 Stony Island avenue, and Morris Grossberg, 56 East Randolph street, were proposed for membership.

Geo. Asmus presented the premium list for the Grand Floral Festival, to be held at the Coliseum, November 9-14, adding that the Lake Geneva fraternity had promised to adandon their regular fall exhibition to participate in the big Chicago show. Space for trade exhibits will be offered for sale at moderate prices, full particulars of which may be had on application to A. Henderson, 369 River street, Chicago. Many large money premiums are offered in both commercial and gardeners' classes.

Chairman Fink, of the picnic committee, announced that arrangements have been completed for the annual outing, to be held at St. Paul Park, Morton Grove, Sunday, July 25, with music, dancing, base ball, athletic contests and races for men, women and children. Trains leave the Union station on the Chicago, Milwaukee & St. Paul railroad at 9:30 a. m., 12:40, 2:05, 3:05 and 5:15 p. m. Tickets are on sale at the wholesale houses and may be obtained at the station on the day of the outing.

Following the business meeting the consolidation banquet was served in an adjoining room, at the close of which Vice-President H. N. Tolles, of the Sheldon School, addressed the members on the "Advantages of United Effort in Business," his remarks being received with much interest.

French & Salm, Union Grove, Wis., exhibited a fine vase of Mrs. Chas. Russell roses; Vaughan's Seed Store, a number of very striking new delphiniums, and Chas. Gebhardt, Lake Geneva, Wis., some blooms of a very large white daisy, unnamed.

A. T. Pyfer & Co.
Wholesale Florists
30 East Randolph Street
Chicago, Ill.

THE SIGN OF QUALITY

LEROY, ILL.—A modern greenhouse has been contracted for by L. L. Fry, as an addition to his present range.

NEW ORLEANS, LA.—Several hundred florists and their friends attended the annual outing of the local society at Mandeville, July 7. The trip was made by steamer, and fishing, bathing and athletic games added to the pleasures of the outing.

CHAMPAIGN, ILL.—J. E. Yeats has purchased the greenhouse of Gus Johnson on East Springfield street. Work has been started in tearing down the old house, which will be replaced with a modern greenhouse, which will be ready for occupancy soon.

ELKHART, IND.—Van Aken Bros. who started in business in this city eight years ago have met with excellent success. They now have one of the most complete establishments of the kind in this vicinity and also have nine large greenhouses at Coldwater, Mich. Their downtown store at 414 South Main street is very complete in all its appointments.

BEAUTIES-ROSES

PEONIES-LILIES

CARNATIONS-VALLEY-ORCHIDS

GLADIOLI-FERNS-ETC.

Supreme quality stock at reasonable market prices. Order here.

A. L. VAUGHAN & CO.

(NOT INC.)

161 N. Wabash Ave., TELEPHONES: Central 2571, " 2572, Auto. 48-734 **Chicago**

St. Louis.

FUNERAL WORK ONLY OUTLET.

The market is crowded and unusual summer dullness prevails, the only outlet for flowers being funerals and an occasional bouquet to a hospital or some anniversary. Carnations are daily becoming poorer as well as their keeping qualities. Long stemmed American Beauty roses are plentiful, but the demand is limited. Asters are coming in and moving slowly, in fact, everything seems to be at a standstill. Gladioli, from the outside, are also very plentiful and are selling at low figures and at that are not cleaned out.

NOTES.

One of the largest and best attended meetings of the year of the local florists' club was held July 8, over 50 members being present. The secretary had sent out postal cards asking why only 20 regularly attended the meetings and the other 80 per cent absented themselves. A discussion followed and it is believed there will be a better attendance in the future. An invitation was received from Joe Hauser for the August meeting to take place at Webster Grove. Joe and his wife promise a good time. The feature of the meeting was the nomination of officers for the ensuing year, as follows: Jules Bourdet, president; Dave Geddis, W. A. Rowe and W. S. Wells, vice-president; J. J. Beneke and Will Ossick, secretary; W. C. Smith and J. J. Windler, treasurer; W. W. Ohweiler, George Pring and W. E. Ogle, trustees. The meeting in general was very enthusiastic and cigars were passed around.

E. L. Rogers reported trade quiet, but the summer season gives him a chance to forge ahead and replenish stock for fall trade. For a young beginner, Rogers has built up a large trade in florist wire works.

Joe Hauser and wife will be busy making preparations for the local florists' club meeting early in August. Joe is very proud of his dahlias.

W. J. Pilcher is now cutting his summer stock in roses. He is cutting some new stock in American Beauty roses.

The Mullanphy Florists had a beautifully decorated window for the Fourth of July, put up by Otto Sander.

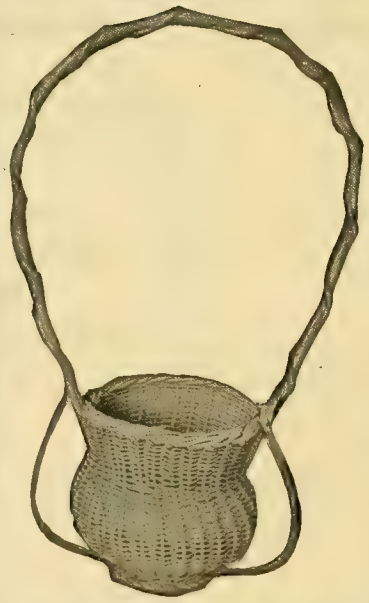
The recent severe wind storm at St. Charles did not do any damage to Denker or any of the craft.

The Wm. C. Smith Wholesale Floral Co. is receiving a daily cut of dahlias, which are now in crop.

The growers at Kirkwood are busy making repairs, painting and preparing for the fall trade.

H. G. Berning and wife are expected home this week. W. F.

BASKET BARGAIN



ASSORTMENT

25

Small Cut Flower Baskets Including Liners

$7.50

This assortment of 25 small cut flower baskets for $7.50 is an unusual offer and one that you cannot afford to pass by. During the summer months when flowers are plentiful and reasonable in price, a neatly arranged basket of flowers in the window often results in many sales. The assortment consists of many styles and the baskets are finished in Brown, Green, Fumed Oak, Antique Green and any Two-Tone effect. Order today.

Raedlein Basket Co.

713 Milwaukee Avenue

CHICAGO

To reach our store take a Chicago Avenue, Division Street, Milwaukee Avenue or Armitage Avenue car at State and Randolph Streets and get off at Huron Street. Cars stop right in front of our store.

Wichita, Kan.

USUAL MIDSUMMER BUSINESS.

The midsummer dullness presents little that is new or interesting. Growing conditions continue unusually good, resulting in ample quantity of outdoor stock. Gladioli are especially fine and in large supply. Business is of about the usual midsummer volume, mainly funeral work, with hospital and sick-room boxes a fair second, and social demands a weak third. The month of June had a good crop of weddings, mostly moderate in their demands upon the florists, but totaling a nice volume in this very agreeable part of the trade. Chrysanthemums are looking quite well, and about the usual quantity are in the houses. Carnations held unusually well this season, but are now tottering to their finish. Outdoor carnations promise to be very good by planting time. About the usual preparations are being made for next season's business.

NOTES.

Vacation, turn-about, is relieving the stores and greenhouses of the pressure of surplus help during the dull season. Even the boss hopes to try it for a week or two in most places.

Mr. and Mrs. Charles P. Mueller of East Ninth street will leave July 13 for a six weeks' tour of California. They will attend the S. A. F. convention in San Francisco, on August 17-19; also the meeting of the Rotarians which is held there this month.

John Smith, for several years with the Whitcomb Greenhouses, Lawrence, Kan., is now with W. H. Culp & Co. W. H. C.

ERNE & KLINGEL

30 East Randolph Street, WHOLESALE FLORISTS L. D. Phone, Randolph 6578 CHICAGO, ILL.

ZECH & MANN

Wholesale Florists

30 East Randolph St., - - Chicago

Telephone Central 3284

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Wholesale Cut Flowers

162 N. Wabash Ave., Chicago

ROSES and CARNATIONS

Our Specialties.

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Wholesale Growers of **CUT FLOWERS**

All telegraph and telephone orders given prompt attention.

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W. P. KYLE JOSEPH FOERSTER

Kyle & Foerster

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160 N. Wabash Ave., Chicago

Long Distance Phone, Randolph 6784

Mention the American Florist when writing

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179-181-183 North Wabash Avenue, CHICAGO

H. B. KENNICOTT, PRESIDENT MAX RINGIER, SECRETARY

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E. C. AMLING CO.

THE LARGEST,
BEST EQUIPPED,
MOST CENTRALLY LOCATED
WHOLESALE
CUT FLOWER HOUSE
IN CHICAGO.

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Joseph Ziska & Sons

151-153 N. Wabash Ave., CHICAGO

Wire Designs and Wholesale Florists' Supplies

Write for Our New Catalog

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A. L. Randall Co.,

RANDO BRAND Wabash Ave. and Lake St., CHICAGO, ILL. RANDO BRAND

Wholesale Cut Flowers, Florists' Supplies.

Mention the American Florist when writing

George Reinberg

Wholesale Florist

Extra fancy Ophelia, Sunburst, Richmond, Killarney, White Killarney and Killarney Brilliant roses. All orders given prompt attention. Try us.

162 N. Wabash Av., CHICAGO

The Retail Florists' Co.

Suite 510, 56 E. Randolph St., CHICAGO.

We sell anything you manufacture or grow. We buy anything you need. Write us today.

HOERBER BROS.

Wholesale Growers of **Cut Flowers**

Telephone Randolph 2758.

Greenhouses: DES PLAINES, ILL.
Store: 162 N. Wabash Ave., CHICAGO

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WEILAND & RISCH

SHIPMENTS EVERYWHERE — GROWERS AND SHIPPERS — IMMEDIATE DELIVERIES

CUT FLOWERS

154 NO. WABASH AVE., CHICAGO

PHONE CENTRAL 879

Spokane, Wash.

A flower show that will be the largest exhibition of the sort ever held in this city, and that will vie with Portland's rose carnival, is being planned by the Spokane Horticultural Society. The exact date has not been decided upon, depending upon other arrangements, but will probably be either August 26-28 or September 9-11. The aster, Spokane's city flower, will be featured. No flowers not grown in Spokane will be open to entry, and outside of a special class indoor flowers will not be permitted in competition with the outdoor blooms, the purpose of the show being to encourage the growing of flowers by amateurs.

A mammoth floral parade, with hundreds of automobiles decorated with natural flowers is to be a feature, and special prizes will be offered in this event. In the general exhibition a number of handsome prizes will be offered.

At a meeting of the society, June 29, the following officers were elected for the ensuing year: A. W. Witherspoon, president; P. W. Kimball, vice-president; A. A. Kelly, treasurer; Alex Carr, secretary.

H. T.

Wholesale Flower Markets

CURRENT PRICE LIST.

Roses, Beauty, specials	$3 00
" " 36-in.	2 50
" " 30-in.	2 00
" " 24 in.	1 50
" " 20-in.	1 00
" " 15-in.	75
" " 12-in.	50
" Mrs. Chas. Russell	1 00@ 2 50
	Per 100
" Hoosier Beauty	4 00@15 00
" Killarney Brilliant	3 00@10 00
" Killarney	2 00@10 00
" White Killarney	2 00@10 00
" Richmond	3 00@10 00
" Prince de Bulgarie	2 00@10 00
" Rhea Reid	2 00@10 00
" My Maryland	2 00@10 00
" Mrs. Geo. Shawyer	3 00@10 00
" Milady	3 00@10 00
" Sunburst	3 00@10 00
" Mrs. Aaron Ward	2 00@10 00
" Hadley	3 00@10 00
" Ophelia	3 00@10 00
" Our selection	3 00
Carnations	1 00@ 3 00
Cattleyas, per doz.	4 00@ 6 00
Gardenias, per doz.	3 00@ 4 00
Gladioli	2 00@ 8 00
Lilium Harrisii	10 00@12 50
Peonies	2 00@ 8 00
Sweet Peas	75@ 1 50
Valley	3 00@ 4 00
Adiantum Croweanum	1 00@ 1 50
Ferns "	1 50@3 00
Galax "	1 00@1 25
Leucothoe	75@ 1 00
Mexican Ivy, per 1000	5 00@6 00
Plumosus Strings, each	60@ 75
Smilax, per doz.	2 00@2 50
Sprengeri, Plumosus Sprays	3 00@ 4 00
Boxwood, 35c per lb.	

FIELD GROWN CARNATION PLANTS

PINK	100	1000
Mrs. C. W. Ward	$7.00	$60.00
R. P. Enchantress	6.00	55.00
L. P. Enchantress	6.00	55.00
Enchantress Supreme	8.00	75.00
Dorothy Gordon	7.00	60.00

PINK	100	1000
Winsor	$7.00	$60.00
Peerless	8.00	70.00
Gorgeous	7.00	60.00
Philadelphia	7.00	65.00

WHITE	100	1000
Matchless	$9.00	$80 00
Enchantress	8.00	70.00
Perfection	7.00	60.00
White Wonder	7.00	60.00
Alma Ward	7.00	60.00

RED	100	1000
Champion	$8.00	$70.00
Beacon	7.50	65.00
Victory	7.00	60.00
Comfort	7.00	50.00
Commodore	7.00	60.00

250 of one variety at the 1000 rate. Special discount in quantity.

THE LEO NIESSEN CO., 1201-5 Race St., Philadelphia, Pa.

Philadelphia.

MUCH GOOD STOCK BUT DEMAND LIGHT.

For the season there is an exceptionally fine assortment of flowers, particularly roses, with Mock, Sunburst, Maryland and American Beauties, the eastern stock especially, all fine and somewhat better than ever before offered at this time. Because of the demand, which is very light indeed, prices run low. Other standard flowers, such as outside snapdragons, sweet peas, which latter are very plentiful, and gladioli are largely in excess of the demand. Cattleyas are also far too plentiful. Lily of the valley sells up fairly well. Easter lilies also lay behind, there being about 300 for every 100 required. Carnations are still with us, but look as if they would like to be off on their vacation. Asters are not quite good or plentiful enough to be a factor, but will soon rule the market. Some dealers are offering dahlias. It seems to me that a fine should be imposed at once on any one offering the dahlia before August 23, or perhaps September 1 would be better. Five long weeks of this fall flower, beautiful and useful as it is, is about all the trade can stand, as by October 10 so many other good things are clamoring for admission that our gaudy friend is crowded out and retires from the race.

NOTES.

The July meeting of the florists' club was the least interesting of the year. Generally the plans for the S. A. F. convention contained interest enough to draw a crowd, but distance this time fails to lend enchantment, and even the August meeting is to be dispensed with. This will be the first regular session to be missed since the organization of the club.

It's summer time with the Berger Brothers, but Billy Stevens is always on the job. There is not a florist in town that does not get a call from "Stevie" at least once a day.

The Leo Niessen Co. are featuring gladioli and Easter lilies. Cattleyas and lily of the valley are also to be had in quantity.

They say a Vim car is to be added to the Reid fleet this fall. Business dull, but very good for the season, is the report here.

K.

Columbus, O.

PLENTY OF SEASONABLE STOCK.

First cuttings of gladioli, with which florists' shops are now gay, are pronounced to be the finest ever. The wet season has been highly favorable to their propagation. They are having a good sale at $1 per dozen. Dahlias are also excellent stock, and at least a month ahead of usual maturing. These two flowers, together with snapdragons and Shasta daisies, are the prevailing favorites. There is no scarcity of anything. At this time last year roses were almost out of the market, as the result of drought. A few cuttings from young stalks in American Beauties have appeared, but are more of a novelty than a factor in the trade. Their early display means an excellent yield for fall and winter. A new departure with local growers is that of producing Ophelia roses in considerable quantities, this activity being confined to a few wholesale growers. Carnations are inferior stock and in light demand, selling as low as one cent apiece.

NOTES.

The Hardesty - Schory Company, South Parsons avenue, has been succeeded by the Hardesty Floral Company, Mr. Schory retiring from the trade. Frank W. Hardesty will remain as manager. The company has a pretty shop contiguous to the best residence district, and is building up a nice business. Mr. Hardesty is quite a successful landscape gardener.

The Livingston Seed Company is on reduced force to give its people vacations. Harry Baltz, traveling salesman, is on a fishing trip in southeastern Ohio. Edgar Hedges, florist, is in Cleveland, and Miss Margaret Dillenbaugh, florist, is taking her outing at Buckeye Lake.

E. R. Munk, of the Munk Floral Company, has taken personal charge of the branch in the Brunson office building, which was started last fall in connection with the sale of cigars.

Wholesale Flower Markets

BOSTON, July 14.	Per 100
Roses, Beauty	2 00@20 00
" Killarney Queen	2 50@10 00
" White and Pink Killarney	2 50@ 5 00
" Double White Killarney	1 00@ 6 00
" Killarney Brilliant	1 00@ 8 00
" Hadley	1 00@10 00
" Cardinal	1 00@12 00
" Mock	1 00@ 8 00
" Mrs. Chas. Russell	1 00@12 00
" Sunburst	1 00@ 8 00
" Taft	1 00@ 8 00
" Milady	1 00@ 8 00
" Ward and Hillingdon	1 00@ 6 00
" My Maryland	50@ 5 00
Cattleyas	16 00@25 00
Lily of the Valley	3 00@ 4 00
Sweet Peas	50@ 1 00
Carnations	50@ 1 00
" select	1 50@ 2 00

BUFFALO, July 14.	Per 100
Roses, Beauty, special	20 00@25 00
" " fancy	15 00@20 00
" " extra	10 00@12 00
" " No. 1	6 00@10 00
" " No. 2	2 00@ 3 00
" Killarney	3 00@ 6 00
" White Killarney	3 00@ 6 00
" My Maryland	3 00@ 6 00
" Killarney Queen	3 00@ 6 00
" Richmond	3 00@ 6 00
" Sunburst	3 00@ 6 00
" Ward	3 00@ 5 00
" Taft	3 00@ 7 00
Lily of the Valley	4 00
Lilies	8 00@10 00
Calla Lilies	7 00@10 00
Cattleyas	40 00@50 00
Carnations	1 00@ 2 00
Daisies	1 00@ 1 50
Snapdragons	3 00@ 5 00
Mignonette	1 00@ 2 00
Peas	50@ 1 00
Gig. Lilies	7 00@10 00
Peas (outdoor)	bunch, 5c@10c
Gladioli (indoor)	4 00@ 6 00
Asparagus Sprengeri	35@ 50
Ferns	per 1000, 2 50
Smilax	15 00

CINCINNATI, July 14.	Per 100
Roses, Beauty	per doz., $0 75@$3 00
" Killarney	1 00@ 6 00
" My Maryland	1 00@ 6 00
" Richmond	1 00@ 6 00
" Taft	1 00@ 6 00
Lily of the Valley	3 00@ 4 00
Lilium Giganteum	6 00@ 8 00
Asparagus Plumosus	per bch., 25c
Carnations	1 00
Orchids, per doz.	3 00
Gladiolus	1 00@ 3 00
Snapdragons	2 00@ 3 00

ST. LOUIS, July 14.	Per 100
Roses, Beauty, medium	10 00@20 00
" " short stems	4 00@ 6 00
" Killarney	2 00@ 5 00
" White Killarney	2 00@ 4 00
" Aaron Ward	2 00@ 4 00
" Sunburst	2 00@ 5 00
" Ophelia	4 00@ 8 00
" Radiance	4 00@ 5 00
Valley	3 00@ 4 00
Carnations	1 00@ 1 50
Orchids	20 00@35 00
Asparagus Sprengeri, per bu., 25@50	
Asparagus Plumosus, per bu., 25@60	
Harrisii	6 00
Sweet Peas	20@ 40
Gladioli	1 50@ 2 00
Callas	6 00@ 8 00
Ferns	per 1000, 1 50

Patrick Welch

Wholesale Florist

262 Devonshire St., Boston, Mass.

Telephone Main 2698.

American Beauties, Orchids, Valley, Carnations.

All the novelties in the Cut Flower Market furnished on short notice. Prices quoted on application. No retail orders accepted. Flowers shipped out of Boston on early trains. Store open for business at 6 A. M.

BERGER BROS.

Central Market

Choice Roses, Orchids and Valley

SPRING FERNS.

Orchid Peas in variety. Daffodils, Freesia, Tulips, etc. Let us send you a trial order.

1225 Race St., Philadelphia, Pa.

We wish to announce that beginning July 4th we will be closed all day Sundays until further notice.

McCALLUM CO.

Pittsburgh, Pa.

Edward Reid

WHOLESALE FLORIST.

Choice American Beauties, Russells, Mock Killarney, Sunburst and others.

CATTLEYAS, CARNATIONS and LILIES.

One block from express depot.

1619-21 Ranstead St., PHILADELPHIA, PA.

Extra Quality Pink and White Killarney, Richmonds, American Beauties, Fancy Carnations, Yellow Daisies, Valley, Orchids and Peas.

Obtain our prices on quality lots. Buy from the grower.

Pittsburgh Cut Flower Co.

116-118 Seventh St., Pittsburgh, Pa.

C. C. POLLWORTH CO.

Everything in the line of Cut Flowers, Plants and Florists' Supplies.

MILWAUKEE, WIS.

HOLTON & HUNKEL CO.

462 Milwaukee St., MILWAUKEE, WIS.

Wholesalers and Growers of
Choice Cut Flowers and Greens

PLAIN CARDS

Put up 100 to a package, 500 cards to a box.

	Per 500	Per 1000
No. 88	$0.50	$0.85
No. 55	.75	1.25
No. 48	1.00	1.50

Envelopes to match (1000 to package), same price as cards.

Samples free.

GEO. H. ANGERMUELLER,
Wholesale Florist, 1324 Pine St., ST. LOUIS, MO

GUST. RUSCH & CO.

Wholesale Florists
Jobbers in
FLORISTS' SUPPLIES.
Phone Main 1245. P. O. Box 206
448 Milwaukee St., Milwaukee, Wis.

WM. C. SMITH
Wholesale Floral Co.
WHOLESALE FLORISTS
1316 Pine St., Both L. D. Phones, ST. LOUIS, MO.
Supplies and Everything in Season always on hand

Fancy Lily of the Valley and Orchids
Roses and Carnations.
Fancy Ferns, special picked. Supplies and Wire Designs.
C. A. KUEHN, Wholesale Florist, 1312 Pine St., ST. LOUIS, MO.

A. W. Livingston, manager of the Livingston Seed Company, is in Chicago this week, where he will meet Mrs. Livingston, who is returning from a trip to the Pacific Coast.

J.

Buffalo.

SUMMER QUIETNESS NOTICEABLE.

The period of summer quiet is now firmly entrenched, with stock plentiful and of very good quality. Roses, such as Taft, Maryland, Milady and the Killarneys are good, and carnations are plentiful and of good quality. Lily of the valley, orchids and American Beauty roses are in good supply with a good demand for the latter. Outdoor sweet peas are also coming in good. Funeral work has been very good during the past week.

NOTES.

Summer decoration of the flower shops are now in order. W. J. Palmer & Son's Genesee street branch had a very attractive window, with windmill, log cabin and water fall. It was laid out very attractively and was a clever piece of decorative work.

The annual outing of the florists' club will be held Thursday, July 15, at the famous Bedell House. The "old reliable" committee on picnics, composed of Messrs. Brucker, Streit and Grever, will see that everybody has a good time.

Vacations are now very much in order. Two or three from each of the down town stores are away each week getting much needed rest and recreation.

The "Czar of the Market", J. B. Wiese, expects to make a trip in his new Stewart "Six", going as far east as Philadelphia.

J. B. Stafford had the Derby day horse show decoration for the Niagara Racing Association. The designing was excellent.

S. A. Anderson was away on a few days' fishing trip last week, sojourning at Long Point, Ont. His luck was good.

Early autumn will see the Wm. Scott Co., Inc., with a new Lippard-Stewart delivery car added to their service.

BISON.

Wholesale Flower Markets

PHILADELPHIA, July 14.	Per 100
Roses, Beauty, extra	20 00@25 00
" " first	8 00@10 00
" Mrs. Chas. Russell	8 00@15 00
" Killarney	3 00@10 00
" White Killarney	3 00@10 00
" Liberty	5 00@15 00
" Mock	6 00@15 00
" Hadley	8 00@12 00
" Bulgaria	4 00@10 00
" Sunburst	4 00@12 00
Carnations	3 00@ 5 00
Cattleyas	25 00@40 00
Lilium Harrisii	8 00@10 00
Lily of the Valley	3 00@ 5 00
Sweet Peas	75@ 1 50
Snapdragons	3 00@ 5 00
Peonies	3 00@ 6 00
Gladioli	3 00@ 8 00
Mignonette	2 00@ 4 00
Asparagus, per bunch,	50

PITTSBURGH, July 14.	Per 100
Roses, Beauty, special	25 00
" " fancy	15 00
" " extra	8 00
" " No. 1	3 00
" Killarney	2 00@ 6 00
" My Maryland	2 00@ 6 00
" Sunburst	2 00@ 6 00
" Mrs. Aaron Ward	2 00
" Sweetheart	1 00
Carnations	1 00
Cattleyas	50 00
Lilium Giganteum	6 00
Valley	3 00
Adiantum	1 00
Sweet Peas	50
Gladioli	4 00
Coreopsis	50
Delphinium	3 00
Asparagus Sprengeri, per bunch,	35@40
" Sprays, per bunch,	35@40
Candytuft, per bunch,	25
Snapdragon	2 00

MILWAUKEE, July 14.	Per 100
Roses, Beauty, per doz.,	2 00@ 3 00
" Killarney and W. Killarney	2 00@ 8 00
" Ward, Sunburst	2 00@ 6 00
" Mrs. Chas. Russell	5 00@20 00
" Richmond	3 00@ 8 00
" Ophelia	3 00@10 00
" Hoosier Beauty	2 00@10 00
Carnations	1 00@ 3 00
Lilies	8 00@10 00
Auratum, per doz.,	$1.50
Snapdragon, per bunch,	25c@50c
Sweet Peas	50@ 1 00
Valley	2 00@ 4 00
Daisies	50@ 1 00

RICE BROTHERS
Wholesale Florists and Florists' Supplies

We are the largest cut flower shippers in MINNEAPOLIS. Let us supply your wants. If it is on the market we can furnish it.

Florists' Supplies
Get our prices before placing order. Guarantee satisfaction.

Mention the American Florist when writing

H. G. BERNING
Wholesale Florist,
Magnolia Leaves, $1.35 per box.
1402 Pine St., ST. LOUIS, MO.

Mention the American Florist when writing

PLEASANT HILL, MO.—Several greenhouses at the Geo. M. Kellogg Flower & Plant Co.'s range are being rebuilt.

Our Motto:—The Best the Market Affords
From New York or Chicago Cold Storage

LILIUM GIGANTEUM, 7-9-in.

Case of 100 Bulbs, $6.95

300 Bulbs, $18.00
1200 " 70.00

C. S. & CO. NEW YORK

LILY OF THE VALLEY PIPS.

1000 Pips, $15.00
2500 " 35.00

$7.95 Case of 500 Pips

CHAS. SCHWAKE & CO., Inc., 90-92 West Broadway, NEW YORK

New York.

MARKET CONTINUES OVERCROWDED.

Toward the latter part of the past week there was a somewhat diminished supply of roses and carnations, but more than enough to supply the demand. On July 10, American Beauty roses, special, wholesaled at the rate of $15 per 100; special pink carnations at $1.50 per 100. Orchids, sweet peas and many of the shorter tea roses went very cheap. Twenty cents per flower was the best for cattleya gigas and inferior stock sold as low as eight cents per flower. It would appear that the orchid flowering sweet peas will soon put the short and inferior varieties out of business. When the best of all kinds of stock is very cheap, poor stock has but little chance. In gladioli the market is glutted with the variety Pink Beauty, and it looks as though nearly all the growers were sending them in. A fair supply of America is now arriving. In lilies, lily of the valley, and various minor stocks there is an abundant supply.

July 14.—There is little change in the condition of the cut flower market. The weather continues very cool, for this season. An ample supply of good rose stock is arriving; orchids, lilies and lily of the valley continue cheap and hard to move. The Gladioli America is more plentiful and selling at 25 cents per dozen or $2 per 100. A strike of 75,000 garment workers seems impending which if it continues will be unfavorable to business.

GREEK-AMERICAN FLORISTS' ASS'N OUTING.

The ninth annual outing of the above-named association was held at Witzel's Grove, College Point, July 7. The weather throughout the day was ideal for such an event. The steamer Atlas took 400 persons on the delightful trip up the sound, and later arrivals by autos and the trolley lines swelled the number to about 500. On arriving at the grove a substantial breakfast was served, after which there were baseball and other games and races. A fine dinner was the closing event before the steamer started on the home trip. The officers of the association are: D. J. Pappas, president; Theodore Malandre, vice-president; Peter Theopine, treasurer; C. Thomas, secretary. Trustees: A. Stathakos, George Hanges, D. Pappadem, D. Storiades, Theodore Karampas, Geo. Mitres, Christ. Pappas, John Tryforos, Theodore Cardasis, John Strates. George D. Nicholas, a former president, was very active in assisting to make the affair a success, as was also President Pappas and the other officers. As the director of games, Peter Matzoras was very clever. The awards follow:

Boys' race, under 10 years, 100 yds.—T. Theodoratos, first, grand silver cup; Geo. Carleftes, second, small silver cup.

Girls' race, under 10 years, 100 yds.—Mary Pullman, first, Rogers silver set; Jennie Carlette, second, Rogers smaller set.

Young ladies' race, all ages, 200 yds.—Miss Dziva, first, powder jar; Miss Tryforos, second, powder jar.

Married ladies' race, 150 yds.—Mrs. Warth, first, butter dish; Mrs. Lafayette, second, soup ladle.

Young men's race, 1 mile, novices—Parusson, first, loving cup; Maniates, second, prize cup.

Fat men's race, 150 yds.—Lookos, first, shaving set; Herney, second, bread tray.

Jumping—Tsizkos, first, military set; Zervakos, second, silver salad fork.

Baseball — Greeks vs. Americans. Greeks winners of Athenian loving cup.

Prize bowling—Giakas, winner of emblematical trophy.

Race for members, 200 yds.—C. Pappas, first, tea set and tray.

Modified Greek Marathon, 2 miles—Molenas, first, tea set, value $25; Mavukes, second, solid silver tea pot; A. Rigo, third, gilt clock.

A number of American growers and wholesalers attended the outing. Thanks are due the officers and members of the association for their uniform courtesy and consideration.

NOTES.

C. Albert Small and Mrs. Small spent the past week in Washington, D. C., where they were attending the wedding of their nephew, John H. Small, Jr., to Miss Helen May Leary, July 6. The groom is the son of John H. Small, Sr., and Mrs. Small of Washington. John H. Small, Sr., and C. Albert Small comprise the well-known firm of J. H. Small & Sons. The happy young couple departed for San Francisco to spend their honeymoon.

The annual meeting of the New York Cut Flower Co. was held July 12. The following officers were re-elected: Eugene Dailledouze, Madison, N. J., president; Henry Hentz, Jr., Madison, N. J., vice-president; G. W. Hillman, secretary - treasurer; Wm. Hackland, asst. treasurer. Directors: F. R. Pierson, Tarrytown, N. Y.; F. L. Moore, Chatham, N. J.; J. A. Millang, Bayside, N. Y.; E. R. Asmus, North Bergen, N. J.

As business gets slow, the joys of the fisherman increases. On July 6 a party of florists went to Freeport, L. I., and caught 150 sea bass. In the party were Phil. Kessler, Peter Jacobson, Leo Klein, George Golsner, Max Ulrich, Chas. Ulrich, Louis Cohn, Eddie Treple, Phil. Kessler, Jr., and Louis Cohn, Jr.

It is reported that Mrs. Suhrer, mother of the members of the firm of Suhrer & Guy, retail florists, of 31 East 125th street, was seriously injured in an accident caused by a runaway horse, July 11, and that her young granddaughter was killed.

C. Y. Scott and John Miesem count a Tuesday lost when they cannot go a-fishing. On one of their recent trips they caught 47 weakfish that averaged from 2½ to 5 pounds each.

Wm. H. Kuebler, the Brooklyn wholesaler, went to Albany with a party of friends, by boat July 8. He reports very high water up state, the low lands being flooded.

Frank Traendly, Harry Bunyard, M. C. Ebel and others attended the sweet pea show at Newport, R. I., during the past week.

Alex Kupferman, buyer for F. Fleischman, Inc., left July 12 for a two weeks' vacation.

A. F. F.

THE MONTREAL FLORAL EXCHANGE, Ltd.
140 Manfield Street - Montreal
The Wholesale Commission House of Canada, Featuring the Products of its Best Growers

MOORE, HENTZ & NASH
WHOLESALE
GROWER AGENT
COMMISSION FLORISTS
55 West 26th St. New York

John Young & Co.
Wholesale Commission Florists
53 W. 28th St., NEW YORK
Telephone 7362 Madison Square.

WILLIAM P. FORD
WHOLESALE FLORIST
107 W. 28th St., New York
Telephone, Madison Sq. 5335

Pittsburgh.

LIGHT BUYING THE RULE.

The hot weather has put a decided crimp on business conditions of every line here, and the buyers are making their purchases on the smallest basis they possibly can, buying just enough flowers to keep their stock in order. There seems to be a fair amount of funeral work, however, and this is about all we have as good prospects during this season. Carnations are still holding out very well and are of good quality, ranging in price from $5 to $15 per 1,000. Roses are also in good supply, but can hardly be expected to keep from one day to the next, owing to the heat, which blows them wide open when exposed. Lilies have been good and plentiful, likewise sweet peas. Gladioli are fine, and some fancy Klondike, America and Panama are offered at reasonable prices. Outside flowers, such as larkspur, delphinium, candytuft, coreopsis and California poppies sell well. The supply of green goods is heavy.

NOTES.

Mrs. E. A. Williams' business is somewhat handicapped at present, owing to the raising of Penn avenue to the flood level, which is about three feet higher than the sidewalk as it is at present. So, when our next flood visits the store, the Venetian idea of

OFFICIAL S. A. F. **Shipping Labels**

FOR CUT FLOWERS: in two colors on gummed paper; your card, etc., in black and leaf adopted by the S. A. F. in red. Price per 500, $2.85; per 1000, $4.50. Samples on request. Electro of leaf, postpaid, $1.25. Cash with order.

AMERICAN FLORIST CO., 440 S. Dearborn St. Chicago

Badgley, Riedel & Meyer

Phones 1664 Madison, 1665 Square, 34 W. 28th St., New York

Receivers and Distributors of

Choicest Cut Flowers

Walter F. Sheridan

Wholesale Florist

Telephone Call: 3532-3533 Mad. Sq. 133 W. 28th St., New York

All the NEW ROSES, CARNATIONS and Seasonable Flowers.

Paul Meconi

Wholesale Florist

55-57 West 26th Street

NEW YORK CITY

Telephone: 3864 Madison Square.

doing business will be a thing of the past.

Fred Riegelmeier and his new Chandler automobile were factors in a crossing collision at Amanda and Charles streets, Knoxville. Mr. Riegelmeier's wife and daughter were badly injured, but he escaped serious injury to himself. A Mrs. Hughes, of Carson street, was killed instantly, besides several injuries to other members of both parties. Both machines were a total wreck.

The McCallum Company has discontinued the practice of opening its store for business on Sundays. Mr. McCallum has made arrangements whereby no more consignments of flowers will arrive on Sundays, and gives good reasons why the employes should not be deprived of their church duties and their weekly day's rest, being favorably commended by many for his decision.

Gilbert Ludwig and Miss Loretta Grau were married, Thursday, July 8. Miss Grau was formerly bookkeeper for the Ludwig Floral Co. Mr. and Mrs. Ludwig left immediately for a honeymoon to Atlantic City and New York, and after a two weeks' stay will be at home at 503 Federal street, north side.

News comes from Punxsutawney of the death of Oliver Crissman, who was struck by a train and instantly killed last week.

George Franks is confined to St. John's hospital with rheumatism, which has been affecting him for some time.

Dave Hill and Joseph Gatti are away on their vacations.

Visitors: Joseph Stein, St. Paul, Minn.; James Lasky, Uniontown, Pa.; Martin Reukauf of H. Bayersdorfer & Co., and Frank Farney of M. Rice Co., Philadelphia, Pa.

G. M.

CHAMPAIGN, ILL.—The third summer meeting of the Illinois State Horticultural Society will open July 27 at the home of Senator H. M. Dunlap.

SAN FRANCISCO, CALIF.—Wm. Metzner has become sole owner of the Richard Diener Co., 320 Market street, this city, with nurseries at Mountain View. He will conduct the business under the name of Metzner Floral Co.

SPRINGFIELD, MO.—The first flower day conducted under the auspices of the Springfield Visiting Nurse Association was very successful. The proceeds are to be devoted to a fund for the prevention of tuberculosis.

Geo. C. Siebrecht

WHOLESALE FLORIST

109 West 28th St., NEW YORK

Tel. 608 and 609 Madison Square

CONSIGNMENTS SOLICITED

Wholesale Flower Markets

	New York, July 14.	Per 100
Roses, Beauty, special		10 00@15 00
" " extra and fancy		5 00@ 8 00
" " No. 1 and No. 2		1 00@ 2 00
" Alice Stanley		1 00@ 6 00
" Prince d'Arenberg, special		4 00@ 5 00
" Francis Scott Key, special		6 00@ 8 00
" Mrs. Geo. Shawyer, special		3 00@ 4 00
" " " extra		2 00@ 3 00
" " " No. 1 & No. 2		50@ 1 00
" White Killarney, special		6 00
" Killarney, My Maryland... special		4 00@ 5 00
" " No. 1 and No. 2		50@ 1 00
" " Queen		1 00@ 5 00
" " Brilliant		1 00@ 6 00
" Aaron Ward		50@ 6 00
" Richmond		50@ 3 00
" Sunburst		50@ 4 00
" Taft		50@ 5 00
" Milady		50@ 4 00
" J. L. Mock		50@ 6 00
" Hadley		1 00@ 6 00
" Ophelia		25@ 4 00
" Mrs. Chas. Russell		1 00@ 8 00
Carnations		25@ 1 00
Cattleya Orchids, special		15 00@20 00
" " inferior grades		8 00@10 00
Lilies, Longiflorum and Harrisii		1 00@ 1 50
Lily of the Valley		1 00@ 2 00
Adiantium Croweanum and Hybridum		50@ 75
Asparagus Plumosus	doz. bchs.	1 50@ 2 50
Smilax	doz. strings.	75@ 1 00
Sweet Peas, per doz. bunches.		25c@35c
Gladiolus	per doz.,	10c@15c
" America	" "	25c

United Cut Flower Co., Inc.

WHOLESALERS

111 W. 28th St., New York City

NOW IS THE TIME

To Ship Your Consignments

GEORGE J. POLYKRANAS, Manager.

Mention the American Florist when writing

Guttman & Raynor, Inc.

A. J. GUTTMAN, President.

Wholesale Florists.

101 West 28th Street, NEW YORK

Phone 896 and 897 Madison Square.

20 Years' Experience.

Mention the American Florist when writing

Frank H. Traendly Charles Schenck

Traendly & Schenck

Wholesale Florists and Cut Flower Exchange

436 Sixth Avenue, NEW YORK CITY

Between 26th and 27th Sts.

Telephones 798 and 799 Madison Square.

Orchids, Roses, Carnations, and all the other best products of the leading growers. Consignments solicited.

Mention the American Florist when writing

HORACE E. FROMENT

WHOLESALE COMMISSION

American Beauty Roses a specialty, Roses, Violets, Carnations, Valley, Lilies, Etc.

148 West 28th St., NEW YORK CITY

Telephones: 2200 and 2201 Madison Square.

Mention the American Florist when writing

WM. KESSLER

Successor to Kessler Bros.

113 W. 28th St., NEW YORK.

CUT FLOWERS

WHOLESALE PLANTSMEN AND FLORISTS

Phone 2336 Madison. Shipments Everywhere Prompt and satisfactory. Consignments solicited

Mention the American Florist when writing

N. Y. Cut Flower Exchange

Coogan Bldg., 6th av. and W. 26th St., New York Open for Cut Flower Sales at 6 o'clock every morning.

Desirable wall space to rent for advertising

V. S. DORVAL, Secretary.

Mention the American Florist when writing

The Kervan Company

FRESH CUT EVERGREENS and Mosses. Decorating Material for Florist Trade, at Wholesale.

TELEPHONES MADISON SQUARE 1519-5893

119 West 28th Street NEW YORK

Mention the American Florist when writing

George B. Hart

WHOLESALE FLORIST

24-30 Stone St., Rochester, N.Y.

Mention the American Florist when writing

M. C. Ford

121 WEST 28th STREET

NEW YORK

Tel. 3870-3871 Madison Square

The Largest Shipper and Receiver of Fresh Cut Flowers

A complete assortment of the best in the market can always be relied upon.

Mention the American Florist when writing

Mention the American Florist when writing

The best florist boxes for style and quality are

SEFTON BOXES

Illustrated catalog in colors on request.

1333 W. 35th St., CHICAGO, ILL.

Cincinnati.

MARKET VERY QUIET.

The less that is said about the present local market the better. Business in the city is very slow, while shipping business, very good at times, averages only fair. A heavy cut of Ophelia, Shawyer, Hoosier Beauty, Taft, Double White Killarney and My Maryland roses is coming in and all are of a very good quality. Lilies are a glut and most of them do not sell at any price. Gladioli are very plentiful and are having a poor market. Many find their way to the ash-barrel. Other offerings include auratums, rubrums, water lilies, asters, which are rapidly becoming very plentiful; carnations and lily of the valley. Green goods are plentiful.

FLORISTS' OUTING.

The florists' society will hold its annual outing at Coney Island, Wednesday, July 21. There will be the usual outdoor sports, consisting of baseball and athletic contests, as well as bowling and the attractions the park management offers.

CLUB MEETING.

The annual meeting of the florists' society was held at Max Rudolph's place, College Hill, July 12. The successful candidates for the offices of the club were: President, Max Rudolph; vice-president, C. E. Critchell; secretary, Alex Ostendorp; treasurer, J. Chas. Murphy, and director, H. Witherstaetter. The chair appointed a relief committee, consisting of Frank Deller, chairman; J. Chas. Murphy and Ray Murphy, who are to solicit subscriptions to a fund to help the florists whose places were damaged by the recent storm and who need help. The society headed the list with $100 subscription. After the meeting the members present adjourned from the lawn to the dining room, where Mrs. Rudolph had provided a bounteous repast. Mr. Rudolph's greenhouses and growing stock, as well as his hospitality, deserve and received the highest praise.

NOTES.

The storm of July 7 did a great deal of damage to some greenhouses in West Price Hill and at Ft. Thomas, Ky. At Mrs. Chas. Witherstaetter's place five greenhouses are a total loss, while the dwelling house and barn were both badly damaged. Herbert Greensmith lost a greenhouse as well as suffering damages to his house and barn. Arthur Kramer's greenhouses, boiler room and dwelling suffered greatly. At Deller & Witherstaetter's place the power house was turned over and parts of the houses, machinery and sprinkler system ruined. Five of Ed Fries' greenhouses were completely demolished. At Wm. Taylor's the middle one of three greenhouses was blown away and the remaining two completely shattered. Henry Gochel lost two of his greenhouses, while Chas. Pfeiffer's Sons and Lou Pfeiffer's Sons each suffered some loss. All of the above also lost heavily through damage to outdoor crops.

Lou Davis, of P. J. Olinger's goes to Memphis at the end of this week and then to Arkansas on a month's fishing trip.

Thos. Windram and wife leave this week on an extended trip through the northwest.

C. E. Critchell has been having some fine early asters.

Visitors: Mr. Thomas, of Hill's Store at Indianapolis, Ind.; Mrs. Shull, of Roanoke, Va.; Mrs. Gerlach, of Piqua, O.; and Rob. Newcomb, of Vaughan's Seed Store, Chicago, Ill.

H.

Providence, R. I.

Business the past week has been quiet, very little doing in any line of the work. All flowers are coming in now faster than they can be handled by the retailer. Sweet peas are very plentiful and outside gladioli are very good and find a ready sale in floral work. The first asters came in last week and were good for so early in the season.

The members of the Rhode Island Horticultural Society will take a sail down the bay to Newport to visit the annual sweet pea show to be held by the Newport Horticultural Society. After visiting the show, the members and their friends will be shown over the grounds of some of the handsome estates in Newport. The Boston Horticultural Society will also go on the same steamer, but they will enjoy a clambake to be held by the society.

H. A. T.

FOLDING FLOWER BOXES

We offer the following prices on our Peerless Green. Per 100

20x 4x3, Teles. Cov	$1 60
24x 4x3 " "	1 90
18x 5x3 " "	1 60
21x 5x3 " "	1 90
24x 5x3½, 2-in. Cov	2 25
30x 5x3½ "	2 50
21x 8x4 "	2 65
24x 8x4 "	2 90
28x 8x4 "	3 25
28x 8x5 "	3 75
36x 8x5, Teles. Cov	5 25
40x 8x5 " "	6 75
30x10x5 " "	5 25
36x10x5 " "	6 75
30x12x6, Telescope	7 50
Palm Green Untinted.	
36x12x6, Telescope	9 00

No printing charge on lots of 500 or over of assorted sizes. We also manufacture the most complete line of Florist Boxes in various colors and sizes to fit every Flower and Floral Design.

Write for samples and prices.

A. A. Arnold Paper Box Co.

1302-1308 W. Division St., CHICAGO

Prepared Magnolia Leaves

Green, Brown, Red and Purple

$1.00 carton (approximately 1000 leaves)

f. o. b. Evergreen

KNUD NIELSEN, EVERGREEN, ALA.

Retail Florists

Your business can be easily increased by creating more and bigger sales with your **present customers**, and by creating **new flower buyers** through **EFFECTIVE ADVERTISING.**

Write us for our sample folders, cuts and slides for advertising:

Mothers' Day	**Fall Announcement**
Spring Planting	**Thanksgiving**
Memorial Day	**Christmas**
Social Occasions	**St. Valentine's Day**
Fall Planting	**Easter**

If you are not satisfied with the results of your advertising, or if you would like to begin advertising and to have plans drawn up for you and estimates given for your individual business and city, write us for particulars about our advertising system, a system that increases business.

Hundreds of leading florists throughout the United States and Canada are using our service successfully—florists in the great metropolitan cities and florists in small cities and towns.

We are the largest concern in the world specializing on advertising plans for **RETAIL FLORISTS.**

Send us your name and we will put you on our mailing list. We are a clearing house for advertising ideas and plans for Retail Florists.

Write us for Booklet M.

McNEFF-SWENSON CO.

High Grade Floral Publicity.

224 So. Michigan Ave., Chicago, Ill.

It is getting too late for Huckleberry Foliage, we suggest

Lyrata (Evergreen Oak) $2.50 per case

Fancy Ferns	per 1000, $1.25
Dagger Ferns	per 1000, 1.00
Natural Moss	per bag, 1.75
Perpetuated Moss	per bag, 3.50

E. A. BEAVEN, Evergreen, Ala.

LYRATA $2.50 Per Case

Fancy Ferns	$1 25 per 1000
Dagger Ferns	1 00 per 1000
Natural Moss	1 75 per Bag
Perpetuated Moss	3 50 per Bag

Caldwell the Woodsman Co.

Everything in Southern Evergreens.

EVERGREEN, ALABAMA

GALAX--LEUCOTHOE

New crop now ready. We are situated in the heart of the Galax section and can furnish you the very best stock. If you cannot get our stock from your jobber write us for prices. We can make it to your advantage to deal with us. Demand our greens and you are assured of the best the market affords at all times.

MT. MITCHELL DECORATIVE EVERGREEN CO., MARION, N. C.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated, on Wire, Phone or Mail Orders.

Chicago.

Established in 1857.

Wittbold FLORIST

739 Buckingham Place.

L. D. Phone, Graceland 1112.

Send us your retail orders.

WE HAVE THE BEST FACILITIES IN THE CITY

Mention the American Florist when writing

WIRE YOUR ORDERS TO HARRY PAPWORTH The Metairie Ridge Nursery Co. STORE 135 Carondelet St. NEW ORLEANS ROSES ORCHIDS VIOLETS F.T.D.

Mention the American Florist when writing

San Francisco, Calif.

J. B. BOLAND

Successor to Sievers & Boland

FLORIST

60 KEARNEY STREET

Mention the American Florist when writing

Minneapolis, Minn.

WHITTED FLORAL CO.,

H. B. WHITTED, Prop.

Careful attention given to all orders for delivery in the Twin Cities or the Northwest.

Mention the American Florist when writing

Washington, D. C.

GEO. H. COOKE

FLORIST

Connecticut Avenue and L Street

Mention the American Florist when writing

Randolph & McClements

Floral Experts

5936 Penn Av., PITTSBURGH, PA.

Members of The Florist Telegraph Delivery.

Cincinnati, O.

HARDESTY & CO.,

THE BEST THAT GROWS
Experts to Arrange Them.

150 E. Fourth St.

Chicago. **Des Moines**

ALPHA FLORAL CO.

146 S. Wabash Ave., Chicago.
623 Walnut St., Des Moines, Ia.

Largest and most centrally located store in the city. All orders given prompt attention.

Rochester, Minn.

Wire and Mail Orders for hospital given special attention. **Operate Rochester Greenhouses.**

ROSS BRAGG, Florist,

Zumbro Hotel Block.

Member Florists' Telegraph Delivery.

Chicago.

A. LANGE,

25 E. MADISON ST.

Member of The Florists' Telegraph Delivery.

REUTER'S

For Rhode Island and Connecticut

STORES

New London, Conn., Norwich, Conn. and Westerly, R. I.

Members Florists' Telegraph Delivery Ass'n.

Mention the American Florist when writing

Ohio.

The Smith & Fetters Co.,

LEADING FLORISTS.

735 Euclid Ave. CLEVELAND

Mention the American Florist when writing

C. Frauenfelder FLORIST

3343 W. MADISON ST.
NEAR GARFIELD PARK

CHICAGO

LOUISVILLE, KY.

AUGUST R. BAUMER,

MASONIC TEMPLE

Member Florists' Telegraph Delivery Ass'n

CLEVELAND, OHIO

A. Graham & Son

5523 Euclid Ave.

Members of Florists' Telegraph Delivery Ass'n

PROVIDENCE, R. I.

and all **T. J. JOHNSTON & CO.**
NEW ENGLAND POINTS. **171 WEYBOSSET ST., PROVIDENCE**

Mention the American Florist when writing

ALEXANDER McCONNELL

611 FIFTH AVE., COR. 49TH STREET.

NEW YORK CITY.

TELEGRAPH ORDERS forwarded to any part of the United States, Canada and all principal cities in Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention.

Reference or Cash must accompany all orders from unknown correspondents.

Cable address: ALEXCONNELL, Western Union Code.

New York. Washington, D. C.

J. H. SMALL & SONS,

FLORISTS

NEW YORK, 1153 Broadway. **WASHINGTON, D. C., Cor. 15th & H. Sts.**

AND WALDORF-ASTORIA.

Young & Nugent

Telephone 2065-2066 Madison Square.

42 West 28th Street.

To out-of-town florists **We are in the Heart of NEW YORK**

And give special attention to steamer and theater orders. Prompt delivery and best stock in the market.

Members of Florists' Telegraph Delivery Ass'n.

Friedman

FLOWERS

522 SO. MICHIGAN BLVD., Auditorium Annex, CHICAGO.

LOUISVILLE, KY.

THE F. WALKER CO.

310-312 West Chestnut Street

LARGEST FLOWER STORE IN THE CITY

Buffalo, N. Y.

S. A. ANDERSON

440 Main Street, Buffalo, N. Y.

Anderson service means fresh, sturdy stock, and prompt deliveries in **Buffalo, Lockport, Niagara Falls** and Western New York.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

DAYTON, OHIO

16 and 18 W. 3rd St.

Matthews the Florist

Established in 1883.

Greenhouses and Nurseries in Riverdale.

Mention the American Florist when writing

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

New York.

Established 1874.

DARDS

N. E. Corner 44th St. and Madison Ave.

Has his own correspondents in all the large cities of Europe and the British Colonies. Cable orders forwarded by private code. Telegraph and Cable Adires4, DARDSFLOR.

Member Florists' Telegraph Delivery.

Mention the American Florist when writing

St. Paul, Minn.

Holm & Olson,

20-22-24 West Fifth Street.

We fill orders for any place in the Twin Cities and for all points in the Northwest. The Largest Store in America; the largest stock; the greatest variety. Write, wire or phone. We are alive night and day.

Members Florists' Telegraph Delivery.

Mention the American Florist when writing

Newark, N. J.

Begerow's

946 Broad Street.

Fresh Flowers and Best Service. Deliveries throughout the state and to all steamship docks in Hoboken, N. J., and New York.

Mention the American Florist when writing.

For Wisconsin Delivery

—OF—

"HOME GROWN FLOWERS"

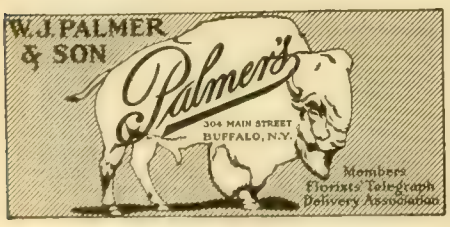
Get in touch with

J. E. Matthewson

SHEBOYGAN, WISCONSIN

Member of Florists' Telegraph Delivery.

Mention the American Florist when writing.



Mention the American Florist when writing.

La Crosse, Wis.

La Crosse Floral Co.

Both Phones No. 40
Long Distance No. 40

CAREFUL ATTENTION TO ALL ORDERS.

Mention the American Florist when writing

Omaha, Neb.

Hess & Swoboda

FLORISTS,

1415 Farnum St. TELEPHONES 1501 and L 1582

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

New York.

MAX SCHLING

No. 22 West 59th Street

Adjoining Plaza Hotel.

Members of the Florists' Telegraph Delivery.

Mention the American Florist when writing.

Name Index to Retail Florists Filling Telegraph Orders.

Alpha Floral Co., Chicago.
Alpha Floral Co., Des Moines, Ia.
Anderson, S. A., 440 Main, Buffalo, N. Y.
Archias Floral Co., Sedalia, Mo.
Baumer, August R., Louisville, Ky.
Begerow's, Newark, N. J.
Blackistone, Washington, D. C.
Boland, J. B., San Francisco.
Bragg Co., Ross, Rochester, Minn.
Bramley & Son, Cleveland, O.
Breitmeyer's Sons, John, Detroit, Mich.
Buckbee, H. W., Rockford, Ill.
California Florists, Tacoma, Wash.
Clarke's Sons, David, New York.
Cleveland Cut Flower Co., Cleveland, O.
Cooke, Geo. H., Conn. Ave. and L, Washington.
Dard's, 44th and Madison Ave., New York.
Denton Floral Co., Denton, Tex.
Duerr, Chas. A., Newark, O.
Duluth Floral Co., Duluth, Minn.
Dunlop's, 96 Yonge St., Toronto, Can.
Eyres, 11 N. Pearl St., Albany, N. Y.
Frauenfelder, C., Chicago.
Freeman, Mrs. J. B., Toledo, O.
Frey, C. H., Lincoln, Neb.
Frey & Frey, Lincoln, Neb.
Friedman, Chicago.
Furrow & Co., Guthrie, Okla.
Furrow & Co., Oklahoma City, Okla.
Galvin, Thos. F., Inc., Boston, Mass.
Galvin, Thos. F., Inc., New York.
Gasser, J. M., Co., Cleveland, O.
Graham, A., & Son, Cleveland, O.
Grand Rapids Floral Co., Grand Rapids, Mich.
Gude Bros., Washington.
Hardesty & Co., Cincinnati, O.
Heinl & Son, J. G., Terre Haute, Ind.
Henderson, Lewis, Omaha, Neb.
Hess & Swoboda, Omaha, Neb.
Hollywood Gardens, Seattle, Wash.
Holm & Olson, St. Paul, Minn.
Johnston & Co., T. J., Providence, R. I.
Joy Floral Co., Nashville, Tenn.
Keller's Sons, J. B., Rochester, N. Y.
Kerr Floral Co., Robt. C., Houston, Tex.
La Crosse Floral Co., La Crosse, Wis.
Lang Floral & Nursery Co., Dallas, Tex.
Lange, A., 25 E. Madison St., Chicago.
Leborius, J. J., Duluth, Minn.
London Flower Shop, Ltd., Philadelphia.
Matthews the Florist, Dayton, O.
Matthewson, J. E., Sheboygan, Wis.
May & Co., L. L., St. Paul, Minn.
McConnell, Alex., New York.
Metairie Ridge Nursery Co., New Orleans, La.
Murray, Samuel, Kansas City, Mo.
Myer, Florist, New York.
Newell, A., Kansas City, Mo.
Ostertag Bros., St. Louis.
Palmer, W. J., & Son, Buffalo.
Park Floral Co., The, Denver, Colo.
Phillips Bros., Newark, N. J.
Pikes Peak Flo. Co., Colorado Springs, Colo.
Podesta & Baldocchi, San Francisco.
Portland Flower Store, Portland, Me.
Randolph & McClements, Pittsburgh, Pa.
Reuter's, New London, Conn.
Reuter's, Norwich, Conn.
Reuter's, Westerly, R. I.
Rock, Wm. L., Flower Co., Kansas City.
Rye, George, Ft. Smith, Ark.
Schiller the Florist, 2221 W. Madison St., Chgo.
Schling, Max, 22 W. 59th St., New York.
Simmons & Son, Toronto, Can.
Smith & Fetters, Cleveland, O.
Small & Sons, J. H. New York.
Small & Sons, J. H., Washington, D. C.
Smith Co., A. W., Pittsburgh, Pa.
Smith, Henry, Grand Rapids, Mich.
Stumpp, G. E. M., New York.
Walker Co., The F., Louisville, Ky.
Weiland, M., Evanston, Ill.
Whitted Floral Co., Minneapolis, Minn.
Wittbold, G., Co., 737 Buckingham Pl., Chicago.
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Young & Nugent, New York.

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Corner Broadway and Gratiot Avenues.

Artistic Designs.
High Grade Cut Blooms.

We cover all Michigan points and good sections of Ohio, Indiana and Canada.

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D. C.

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Denver, Colo.

The Park Floral Co.

J. A. VALENTINE. President

Members of Florists' Telegraph Delivery.

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OF THE

United States and Canada

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American Florist Co.,

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CHICAGO.

DESIGNS OR CUT FLOWERS

Will be delivered for the trade in other cities by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

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HOLLYWOOD GARDENS

Seattle's Leading Flower Shop

1536 SECOND AVE.

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PHILADELPHIA and VICINITY.

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1800 Chestnut Street, PHILADELPHIA, PA.

Members Florists' Telegraph Delivery.

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A. W. Smith Co.

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Largest Floral Establishment in America. Established 1874. Incorporated 1909

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New York.

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761 Fifth Avenue

Member Florists' Telegraph Delivery Association

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CLEVELAND

EUCLID AVENUE

Members of The Florists' Telegraph Delivery.

Mention the American Florist when writing

Washington, D. C.

Blackistone.

14th and H. Street.

FREY & FREY,

1338 O Street, LINCOLN, NEB.

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Telephone 2656 Established 1880

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FLORIST

George C. Weiland, Proprietor.

602 Davis Street, EVANSTON, ILL.

Member Florists' Telegraph Delivery.

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DULUTH, MINN.

J. J. LeBORIOUS

Seventeen large Greenhouses. Deliveries everywhere in Minnesota, Wisconsin, North Dakota, South Dakota and the Upper Peninsula of Michigan. All orders given prompt attention and filled with strictly fresh stock.

City Index to Retail Florists Filling Telegraph Orders.

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Boston—Thos. F. Galvin, Inc.
Buffalo, N. Y.—S. A. Anderson, 440 Main St.
Buffalo, N. Y.—W. J. Palmer & Son, 304 Main.
Chicago—Friedman.
Chicago—Alpha Floral Co.
Chicago—C. Frauenfelder.
Chicago—A. Lange, 25 E. Madison St.
Chicago—Schiller, the Florist, 2221 W. Madison.
Chicago—Geo. Wittbold Co., 737 Buckingham Pl.
Cincinnati, O.—Hardesty & Co.
Cleveland, O.—Bramley & Son.
Cleveland, O.—The Cleveland Cut Flower Co.,
Cleveland, O.—A. Graham & Sons.
Cleveland, O.—The J. M. Gasser Co.
Cleveland, O.—Smith & Fetters.
Colorado Springs, Colo.—Pikes Peak Flo. Co.
Dallas, Tex.—Lang Floral & Nursery Co.
Dayton, O.—Matthews the Florist.
Denton, Tex.—Denton Floral Co.
Denver, Colo.—The Park Floral Co.
Des Moines, Ia.—Alpha Floral Co.
Detroit, Mich.—John Breitmeyer's Sons.
Duluth, Minn.—Duluth Floral Co.
Duluth, Minn.—J. J. Leborius.
Evanston, Ill.—M. Weiland.
Ft. Smith, Ark.—George Rye.
Grand Rapids, Mich.—Henry Smith.
Guthrie, Okla.—Furrow & Co.
Houston, Tex.—Robt. C. Kerr Floral Co.
Kansas City—Samuel Murray.
Kansas City, Mo.—A. Newell.
Kansas City, Mo.—Wm. L. Rock Flower Co.
La Crosse, Wis.—La Crosse Floral Co.
Lincoln, Neb.—C. H. Frey.
Lincoln, Neb.—Frey & Frey.
Los Angeles—Wolfskill Bros. & M. Goldenson.
Louisville, Ky.—August R. Baumer.
Louisville, Ky.—The F. Walker Co.
Minneapolis, Minn.—Whitted Floral Co.
Nashville, Tenn.—Joy Floral Co.
Newark, N. J.—Begerow's.
Newark, N. J.—Phillips Bros.
Newark, O.—Chas. A. Duerr.
New London, Conn.—Reuter's.
New Orleans, La.—Metairie Ridge Nursery Co.
New York—Dard's, 44th and Madison Ave.
New York—Alex. McConnell, 611 5th Ave.
New York—David Clarke's Sons.
New York—Thos. F. Galvin, Inc.
New York—Max Schling, 22 W. 59th St.
New York—Myer, Florist, 609 Madison Ave.
New York—J. H. Small & Sons.
New York—G. E. M. Stumpp.
New York—Young & Nugent.
Norwich, Conn.—Reuter's.
Oklahoma City, Okla.—Furrow & Co.
Omaha, Neb.—Hess & Swoboda, Farnam St.
Omaha, Neb.—Lewis Henderson.
Philadelphia—The London Flower Shop.
Pittsburgh, Pa.—Randolph & McClements.
Pittsburgh, Pa.—A. W. Smith Co., Keenan Bldg.
Portland, Me.—Portland Flower Store.
Providence, R. I.—T. J. Johnston & Co.
Rochester, Minn.—Ross Bragg Co.
Rochester, N. Y.—J. B. Keller's Sons.
Rockford, Ill.—H. W. Buckbee.
Sheboygan, Wis.—J. E. Matthewson.
St. Louis, Mo.—Ostertag Bros.
St. Paul, Minn.—Holm & Olson.
St. Paul, Minn.—L. L. May & Co.
San Francisco—J. B. Boland, 60 Kearney St.
San Francisco—Podesta & Baldocchi.
Seattle, Wash.—Hollywood Gardens.
Sedalia, Mo.—Archias Floral Co.
Terre Haute, Ind.—J. G. Heinl & Sons.
Tacoma, Wash.—California Florists.
Toledo, O.—Mrs. J. R. Freeman.
Toronto, Can.—Dunlop's, 60 Yonge St.
Toronto, Can.—Simmons & Son.
Washington—Blackistone.
Washington—Geo. H. Cooke, Conn. Ave. and L.
Washington—Gude Bros.
Washington—J. H. Small & Sons.
Westerly, R. I.—Reuter's.

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Mention the American Florist when writing

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Prompt and careful attention to orders from out-of-town florists.

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Established over 20 Years.

N. E. COR. 10th and GRAND AVENUE.

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The Cleveland Cut Flower Co.

Will fill your orders for designs and cut flowers in

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St. Louis, Mo.

Wire or Phone Your Orders to the HOUSE OF FLOWERS.

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The Largest Retail Supply House in the West.

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Flowers or Design Work.

Delivered in Albany and vicinity on telegraphic order.

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Canada's best known and most reliable florist.

Only the Best **Dunlop's**

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We deliver anywhere in Canada and guarantee safe arrival.

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Deliveries to Steamers and all Eastern Points.

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Will be delivered for the trade in other cities, by the firms below, the Leading Retailers in the cities indicated on Wire, Phone or Mail Orders.

Send your orders for Chicago and Suburbs to

Schiller The Florist

2220-2222 W. Madison St. CHICAGO.

All orders carefully filled under the supervision of

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FLORISTS

25 Clinton Avenue, N.

Rochester Phone 506 Long Dist. Bell Phone 2189

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Bramley & Son

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he Largest Growers of Flowers in City.

Houston, Texas.

Robt C. Kerr Floral Co.

Main and McKinney Phone, Preston 160

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(Successor to Geo. A. Heinl)

336 Superior St., Toledo, O.

Both Phones, 527.

Special attention to Mail and Telegraph Orders

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DULUTH FLORAL CO.

200 miles in any direction. We are the center of the great Northwest. Daily deliveries **DULUTH, MINN.** to Superior, Wis.

Newark, Ohio.

CHAS. A. DUERR.

Member of Florists' Telegraph Delivery.

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THINK OF **HEINL'S**

New York.

MYER, FLORIST, 609-611 Madison Ave

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KANSAS CITY, MISSOURI.

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C. H. FREY, Wholesale and Retail Florist

1133 O St., LINCOLN, NEB.

Will fill orders for the West on short notice

Trade discounts. First-class stock.

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"Some Florist"

16 N. 6th St., **Ft. Smith, Ark**

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S. W. KANADY, Mgr.

Careful attention to packing for deliveries to all Southern and Middle States.

LEWIS HENDERSON, Florist

1519 Farnam St., OMAHA, NEB.

Member Florists' Telegraph Delivery Ass'n.

Lang Floral & Nursery Co., Dallas Texas

Write or wire headquarters for flowers for Texas, Oklahoma, Louisiana, New Mexico. No Orders too large, none too small.

SIMMONS & SON

TORONTO, CANADA

FURROW & COMPANY

OKLAHOMA CITY—GUTHRIE

OKLAHOMA.

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United States and Canada

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440 S. Dearborn St., CHICAGO

Portland, Maine.

Floral Designs and Choice Cut Flowers

Portland Flower Store

631 Congress St.

NASHVILLE, TENN.

JOY FLORAL COMPANY

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PHILIPS BROS, 938 Broad St.

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Artistic Floral Work and Long Stem Beauties Our Specialty.

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Wolfskill Bros. and Morris Goldenson

Cut Flower Merchants.

We solicit telegraph orders. Regular trade disc

229 WEST THIRD STREET

Colorado Springs, Colo.

Orders Carefully Executed

Pikes Peak Floral Co.

Wholesale and Retail

Members Florists' Telegraph Delivery.

Sedalia, Missouri

Archias Floral Co.

Choice Cut Flowers and Designs on short notice. Prompt attention to telegraph and telephone orders.

Members of The Florists' Telegraph Delivery.

Tacoma, Wash.

California Florists

will take care of all telegraphic orders.

Michigan. Orders will be carefully cared for by

HENRY SMITH,

Wholesale and Retail Florist of GRAND RAPIDS

Member of The Florists' Telegraph Delivery.

Grand Rapids, Mich.

GRAND RAPIDS FLORAL CO.

ALFRED HANNAH & SONS Will fill your orders for Designs and Cut Flowers in Michigan

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Rockford, Ill.

H. W. BUCKBEE.

Member of the Florists' Telegraph Delivery.

Mention the American Florist when writing

HYDRANGEA HORTENSIS

In order to meet the increasing demand for these favorite plants, we have had to largely increase our stock this season. We have the old, well known Otaksa and also an assortment of the best French varieties for Fall shipment.

Otaksa, 5-inch, 3 in a pot, at $3.60 per doz.

The following is a list of the French varieties—5-inch, 3 in a pot, at $4.20 per doz.:

Beaute Vendomoise	Mons. Ghys.
Bouquet Rose	Mont Rose
General de Vibraye	Mousseline
La France	President Fallieres
La Lorraine	President Viger
La Perle	Radiant
Mme. E. Mouillere	Ronsard
Mlle. Agnes Barillet	Souv. du Lieut. Chaure

YOU will always find something interesting in Wittbold announcements. They will be very profitable to you if you take quick advantage of the timely offers which they make.

BOSTON FERNS

5-in., $3.00 per doz.; $25 per 100
7-in., $0.75 each; $9.00 per doz.
8-in., 1.00 each; 12.00 per doz.
All fine, established, pot-grown plants.

POINSETTIAS

2¼-in., at.....$5.00 per 100
—a profitable buy at this particular time.

Cyrtomium Falcatum

3-in., at.....$6.00 per 100
—Very fine stock.

CYCLAMEN

The popularity of these splendid winter-flowering plants is steadily increasing and to meet the growing demand we have had to increase our stock from year to year. We have been especially successful with our methods of cultivation and offer a larger and finer stock than ever for the 1915 season. Over 30,000 healthy and clean pot grown plants in the best known strains and varieties.

Wonder of Wandsbek	Excelsior
Glory of Wandsbek	Prince of Wales
Dark Red	Princess May
Brilliant Red	Giant White
Bright Red	Rose von Marienthal
Buckstone, Salmon	

These splendid international strains can be had either in separate colors or assorted.

3-in., mixed colors....	$ 3.00 per 100;	$ 75.00 per 1000
3-in., separate colors...	9.00 per 100;	80.00 per 1000
4-in., mixed colors....	15.00 per 100;	140.00 per 1000
4-in., separate colors..	16.00 per 100;	150.00 per 1000

THE GEO. WITTBOLD COMPANY

Long Distance Telephone, Graceland 1112

737 Buckingham Place, CHICAGO

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Published quarterly. Annual subscription for weekly and quarterly numbers, One Dollar. (International money order). Subscribe today and keep in touch with European markets and topics.

THE HORTICULTURAL PRINTING COMPANY

BURNLEY, ENGLAND

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This Fine

Budding Knife

With 2 New Subscriptions.

American Florist Co.

440 S. Dearborn St., CHICAGO

FIELD GROWN

Carnation Plants

Exceptionally fine stock ready for benching. Large sized plants.

	100	1000
Pink Enchantress	$4.50	$40.00
Rose Pink Enchantress	4.50	40.00
White Perfection	4.00	35.00
Mrs. C. W. Ward	4.00	35.00
Philadelphia	5.00	45.00

—Order Today—

Peter Reinberg

30 East Randolph St., Chicago, Ill.

For the Best New and Standard

DAHLIAS

Address

Peacock Dahlia Farms,

P. O. Berlin, N. J. Williamstown Junc., N. J.

GERANIUMS

Summer Prices.

Guaranteed to reach any point in the United States east of the Mississippi River in good growing condition.

S. A. Nutt.....$10 00 per 1000
Ricard and Poitevine..... 12 50 " "

ALBERT M. HERR, LANCASTER, PA.

The Seed Trade

American Seed Trade Association.

J. M. Lupton, Mattituck, L. I., N. Y., President; Kirby B. White, Detroit, Mich., First Vice-President; F. W. Bolgiano, Washington, D. C., Second Vice-President; C. E. Kendel, Cleveland, O., Secretary and Treasurer; S. F. Willard, Jr., Cleveland, O., Assistant Secretary. Thirty-fourth annual convention, June 1916.

J. C. VAUGHAN, Chicago, is in New York this week.

HANDS OFF seems to be the rule so far with users of blue grass.

HOLLAND advices of June 30 indicate that the bulbs being taken up are of unusually fine quality.

GREEN BAY, WIS.—The Everett B. Clark Seed Co. has added an automobile to its delivery service.

BELOIT, WIS.—H. S. Clifford has closed out his seed business, which he has conducted here for 28 years.

MINNEAPOLIS, MINN.—The Farmer Seed & Nursery Co. has closed its branch store in this city for the season.

TIMOTHY as a standing crop looks good. Some well posted dealers are taking the bear side on the new crop seed.

MICHELL'S trial grounds at Cornwells on the Pennsylvania Railroad are beginning to bloom and make a good show.

FIELD CORN, east and west of the Chicago section, is looking very spotted in the fields and is at least two weeks late.

AS A trade mark descriptive of seeds, John Oliver Johnson, Chicago, has registered the words "Winner Brand," Ser. No. 85,237.

DALLAS, TEX.—The Texas Cotton and Cotton Seed Co. has been incorporated by J. W. Carter, T. A. Smith and Y. O. McAdams; capital, $2,000.

CONSULAR reports of June 24 state that vegetation in the Netherlands and England has been greatly damaged by frosts and drought.

OWOSSO, MICH.—The Young-Randolph Seed Co. will erect a two-story brick warehouse on a piece of property it recently acquired in this city.

AMOY, CHINA.—The source of Chinese narcissus bulbs is reported to be plague-infected, hence possible difficulty in exportation this year.

JANESVILLE, WIS.—Otto Kreuger, who has been connected with the Helms Seed Store for five years, has become junior partner in the firm.

CLOVER has been doing well, but it will not stand continued wet. Marshall Durya says the farmers had better begin putting rubbers on it if it rains any more.

VISITED CHICAGO: John B. Davis, Sturgeon Bay, Wis., en route to the Idaho pea district; H. G. Pedrick and wife, Pedricktown, N. J., returning from California.

THE onion set crop at Chicago is beginning to bottom. It will be August 1 before pulling begins. Dry weather from now on is necessary for a satisfactory harvest.

THE war tax of one cent on each letter and post card mailed in Canada and the tax of two cents on each check and bill of exchange has been cheerfully met and everyone is anxious to help in every way possible.

THE German seedsmen, Chas. Bruggemann, of Villefranche, France; M. Herb, of Naples, and Dammann of San Giovanni, Italy, have left their respective countries. The two latter are said to be in Switzerland.

REPAYMENT of seed loans made to Kansas farmers some years ago, for the purpose of buying seeds, is provided for in House bill 884, recently introduced into the Kansas legislature. It is stipulated that interest shall not exceed eight per cent.

CHICAGO.—Prices for grass seed on the Board of Trade July 14 were as follows: Timothy, $5.25 to $6.75 per 100 pounds.—A. H. Goodwin, of the W. W. Barnard Co., came in from his summer home in Indiana this week and expects to go to Europe this fall.

WASHINGTON, D. C.—F. W. Bolgiano & Co., 1009 B street, N. W., have filed articles of incorporation. The capital stock is $50,000. Trustees: F. W. Bolgiano, Bessie E. Bolgiano, R. B. Ward, R. T. Moffet, Clair V. Allen, George E. Gude and Cyrus Armiger.

SHENANDOAH, IA.—The past year has been the best in the history of the Henry Field Seed Co., with sales amounting to approximately $313,000 and the number of orders over 105,000. This is an increase of over 26 per cent in number of orders and about 33 per cent in volume of business over the previous year. At the annual meeting July 6, the usual 8 per cent dividend was declared and the present officers and directors were re-elected.

ST. LOUIS, MO.—The St. Louis Seed Co. reports business, both in mail order and counter trade, ahead of last year by about 15 per cent, except on seed corn, of which they sold 100 per cent more than in 1914. Counter trade in all lines of garden and flower seeds has been good, due to the excellent weather they have had this year with plenty of rain and a cool May and first part of June. Bedding plants, such as geraniums, cannas, roses and flowers for window boxes have been in good demand, and they are still selling pot plants for window boxes and hanging baskets.

Seed Salesmen Cover Trade in Autos.

Northrup, King & Co., seedsmen, Minneapolis, Minn., as an experiment this year, have supplied their force of traveling salesmen with Ford roadsters, distributing the machines over a wide range of territory so as to form a general opinion as to their adaptability.

The accompanying illustration shows the travelers and their roadsters ready for the start, which was made July 6. They will cover the territory from the Great Lakes to the coast and from Canada to Oklahoma.

Steamship Rates May Advance Still More.

A correspondent of the London Nurseryman and Seedsman, in the issue of June 26, calls attention to the advance of rates by Dutch steamers running between Rotterdam, Amsterdam and England, from 25s. 8d. to 37s. 6d. per ton, on which the editor of the British publication comments as follows:

"I have no other information on the subject beyond the general facts which I have gathered from a friend at Lloyds. He explains that the action of the Dutch companies is by no means singular. Freights all round have risen from 50 to 100 per cent, occasioned by the increased cost of insurance, the difficulties, and consequently the greater cost of navigating the seas, and the pronounced shortage of ships. At the present time the government has by no means worked up to its maximum demands upon the shipping trade of the country, so that there are more ships at present available for commercial purposes than there is likely to be in the future—hence prices are lower now than they may be a few months later."

French Bulb District Notes.

French advices of June 25 indicate but trifling change in prices of bulbs at first hands. The difficulties before mentioned in these columns regarding the lifting, grading, packing and shipping of this stock have apparently been so serious as to have the effect of maintaining those prices which would naturally have declined because of lessened export demand had the labor conditions been normal. Those merchants who expect to deliver to their American customers in good season have closed deals.

Three of four American houses placed their orders early in June at 19 francs for the 13-centimeter and up Paper White Grandiflora and 25 francs for the larger size; 90 francs for the 12 to 15-centimeter Romans and 115 francs for the 13 to 15-centimeter size.

Leon Bremond was made a prisoner August 22, a year ago, and is said to be in Bavaria. Drevon, of Drevon-Tegelaar & Co., is also a prisoner in Bavaria and has been twice wounded. A. Bernard is in military service.

It is expected that the grading of the French bulbs will be according to the usual measurements. This, as is well known, is quite irregular, some growers using a very large proportion

Pieters-Wheeler Seed Company

Growers of High Grade SEED

Gilroy, California

Onion, Lettuce, Radish, Sweet Peas Etc.

Correspondence Solicited.

Braslan Seed Growers Company

Wholesale Growers of the following California Specialties only: ONION, LETTUCE, CARROT, RADISH, PARSNIP, PARSLEY, CELERY, ENDIVE, LEEK, SALSIFY and SWEET PEAS.

SAN JOSE, CALIFORNIA

Freesias California Grown

	Per 100	Per 1000
Choice, ½ to ⅝-in.	$ .65	$5.00
First Quality, ⅜ to ½-in.	.45	3.00

Vaughan's Improved PURITY.

	Per 100	Per 1000
⅝-in. and up	$2.25	$18.00
½-in. to ⅝-in.	1.75	15.00
⅜-in. to ½-in.	1.50	12.00

PURITY--True.

⅝-in. and up	2.00	18.00
½-in. to ⅝ in.	1.60	13.00
⅜-in. to ½-in.	1.25	10.00

FRENCH FREESIAS

Ready for Delivery July 22nd.

	Per 100	Per 1000
Jumbo, ¾-in. and up	$1.25	$10.00
Mammoth, ½-¾-in.	1.00	8.00

Vaughan's Seed Store

CHICAGO NEW YORK

of the small size in their 12 to 15-centimeter grade.

The heavy rains have caused narcissus bulbs to split to some extent. While the quality will be good, the average will probably be smaller, from the fact that so many bulbs have burst.

White Roman hyacinths are showing some disease. This is easily detected at the top of the bulbs, but growers do not particularly favor using the knife for this purpose too freely.

French growers are disappointed in the Italian laborers expected to assist in lifting and handling the bulb crop, who have been taken away to the war. Colored French Romans and white Italians are becoming quite scarce.

FERTILIZERS, ETC.

BONE MEAL, Absolutely Highest Grade. 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 70c; 50 lbs., $1 25; 100 lbs., $2.00; bag of 200 lbs., $3.75; 500 lbs., $8.50; 1000 lbs., $16.50; ton, $32.00.

SHEEP MANURE, Pulverized. Put up in 100-lb. bags. 100 lbs., $1.50. 500 lb., $6.00; 1000 lbs., $10.00; ton, $19.00.

ASHES, Unleached Hardwood. Absolutely odorless. 25 lbs. 50c; 50 lbs., 85c; 100 lbs., $1.25; 500 lbs., $5.00; 1,000 lbs., $9.25; ton, $18.00.

THE W. W. BARNARD CO., SEEDSMEN, 231-235 W. Madison Street, **CHICAGO**

Mention the American Florist when writing

Mignonette "Chicago Giant"

(Greenhouse Grown Seed.)

A splendid strain grown and carefully selected for a number of years by Mr. Alois Frey, Crown Point. Produces large heavy spikes which have sold on the Chicago market at 6 to 8 cents each. Seed will be ready for delivery within a few days.

Trade packet (1000 seeds) $1.00; 1-8 Oz., $1.50; 1 Oz., $10.00.

A. Henderson & Co., 369 River St., Chicago

Mention the American Florist when writing

French Bulbs

A. & L. BREMOND FRERES,

Ollioules, Var., France,

Sons of and successors to Louis Bremond, the oldest and best known firm of bulb exporters, are prepared to meet all requirements for the next crop, and to deliver promptly the highest grade of bulbs. Prices on application by wire or mail.

CABLE ADDRESS: BREMOND FRERES, OLLIOULES.

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TRAVELING SALESMEN OF NORTHRUP, KING & CO., MINNEAPOLIS, MINN.,
Starting for Their Territories in Automobiles, July 6.

BRUNNINGS
Leading Suppliers of
EUCALYPTUS
and **Acacia Seeds**
P.O. Box 857, MELBOURNE, AUSTRALIA

FREESIA PURITY AND CALLA LILY BULBS
We control one-half of the finest grown bulbs grown in Santa Cruz County. We have satisfied customers all over the United States.
Allow us to estimate your wants.
SANTA CRUZ BULB & PLANT CO.
21 Pacific Avenue, SANTA CRUZ, CALIF.

Convention Echoes.

T. A. Scott of Chisholm, Scott & Co., Cadiz, O., with his wife and daughter, Miss Nellie, were at the convention. Mr. Scott, as is well known, was formerly president of the Canners' Machinery & Supplies Association for two terms and his advice as to selection of convention locations is always given heed to because of his long experience in convention work. When he left his home a month ago, the crop of green peas looked excellent, although the acreage was materially cut down from what it has been for the past three or four years on account of an over-stocked market. Active efforts are now being made to introduce canned peas in Europe, with fair prospects of success.

E. L. Page, of the Page Seed Co., Greene, N. Y., accompanied by Mrs. Page and Miss Russell, also of that city, were entertained by Judge Abbott at his ranch in New Mexico, and had the unique experience of visiting the homes of the cave dwellers in Frijoles Canyon, among other pleasant diversions on their way to San Francisco. Their trip was most enjoyable.

Clover.

OCTOBER CLOVER, JUNE 1 TO AUGUST 31.

We have already pointed out that October clover tends to advance moderately during April and May. The same tendency can be noted for the remaining summer months. June expiration was higher than May expiration in eight of the past ten years, and July expiration also shows a further gain over June expiration in eight of ten years. The advance for the month of June last year was 25 cents. In 1913 it was 30 cents. The largest advance was 77 cents in 1911. In 1908 prices lost 5 cents by the end of the month.

In spite of the general advance during June, the low for the entire June-July-August period is usually made in the bridal month, in fact, six of the past ten years show a "June low." Three years the low spot came in July. One year it was in August. By a curious coincidence the high also came in August that year, which can be readily understood when we recall that it was in 1908, when the enormous crop promise began to be fully realized during the dog days. Prices slumped

A STARTLING NOVELTY
New Early Flowering Giant Pansies

This new strain produces its giant flowers about **six weeks earlier** than other known types. In the early part of March this year, when the old type Pansies hardly showed any buds, the plants of this new strain bore from three to five of their giant flowers. By special arrangement with the originators we are in position to offer seeds of this splendid novelty in bulk.

Early Flowering Giant White
" " " Yellow
" " " Light Blue
" " " Dark Blue
" " " Mixed

Per Trade Pkt. (500 seeds).....65c
Per ⅛ oz $2.50

Chicago **Vaughan's Seed Store** New York

Seedsmen requiring the very best selections
Garden Seeds
(Vegetable and Flower), especially
Kelway's Celebrated English Strains
can get them at lowest independent wholesale rates by sending their orders direct to
KELWAY & SON
Wholesale Seed Growers
Langport, Somerset, England.
Special quotations on application.
Mention the American Florist when writing

RAFFIA
Natural—Four standard grades.
Colored—Twenty colors.
We are headquarters—always carry several hundred bales in stock. Can ship any grade in any quantity at a moment's notice.
Bale (225 lbs.) lots or less.
Write for prices and terms.
McHutchison & Co.
The Import House
17 Murray Street, NEW YORK

97th Year
J. BOLGIANO & SON,
Wholesale Garden and Field Seeds,
Onion Sets, Seed Potatoes
Growers of Pedigree Tomato Seeds
Baltimore, Md.

TOMATO SEED
Grown For The Wholesale Seed Trade.
HAVEN SEED CO.
SANTA ANA, CALIFORNIA.

MY
Winter Orchid Sweet Peas
Has just received the
Gold Medal of Honor
the highest award in floriculture, by the **Panama-Pacific Exposition.**
Write for price list, which has been already mailed.
ANT. C. ZVOLANEK
Lompoc, Calif.

Western Seed & Irrigation Co.
Wholesale Seed Growers and Dealers
SPECIALTIES:
Sweet, Flint and Dent Corn; Cucumber, Musk and Watermelon; Pumpkin and Squash.
FREMONT : NEBRASKA

THE C. HERBERT COY SEED CO.
VALLEY, Douglas County, NEB.
CONTRACT GROWERS OF
HIGH GRADE SEEDS
Cucumber, Muskmelon, Squash and Pumpkin.
Sweet, Flint and Dent Seed Corn.

Bulbs, Seeds, Plants
Try us once and you will come again.
S. S. SKIDELSKY & CO.,
1004 Betz Bldg., Philadelphia, Pa.
Card brings a Catalogue

The KENILWORTH Giant Pansy

seeds are all grown by myself and are offered in the following mixtures and separate colors:

22—KENILWORTH STRAIN—The flowers are of perfect form and substance; many of the immense flowers are from 3½ to 4 inches; it is a striking collection of beautiful colors and markings rich with shades of red, brown, bronze, and many others. Light, Medium or Dark Mixtures.

26—KENILWORTH CUT FLOWER MIXTURE—Is a distinct class by itself, surpassing all other strains as a cut flower or for exhibition purposes, for inside or outside growing; the large flowers are carried erect above the foliage on heavy stems, 7 or 8 inches long.

28—MASTERPIECE—A remarkable type; the curled, wavy petals giving the flower a double appearance, large flowers of great substance.

30—GIANT THREE AND FIVE BLOTCHED PANSIES—A superb mixture. Flowers large and of circular form and of great substance. The display of coloring is unsurpassed. A combination of almost every shade of rich velvety colors, reds are particularly conspicuous.

32—GIANT PARISIAN—The flowers are of enormous size, and beautifully marked, mostly five dark blotches on white and yellow ground. An unusually showy mixture.

NEW SEED NOW READY

All sorts and mixtures, except the new Pansy Princess, are $5.00 per oz.; $1.25 per ¼-oz.; 5000 seeds, $1.00; trade packet of 1000 seeds, 25c; any 5 pkts, $1.00. Please order by number.

PRINCESS. 20—The New Upright Pansy

This strain is entirely distinct from all others. It is absolutely compact, upright growing, and extremely weather-proof, enduring many storms without damage to its flower. The flowers are mostly blotched and frilled like the Masterpiece, of good form and heavy velvety texture, on heavy stems carried well above the foliage. Attractive by the brilliancy of its colors.

500 Seeds 20c; 1000 Seeds 35c; ⅛ oz. $1.00; ¼ oz. $2.00; 1 oz. $7.50.

38—Mme. Perret—Red and wine shades.
40—Zebra—Fine striped mixture.
42—Adonis—Light blue, white center.
44—Black—Almost coal black.
48—Lord Beaconsfield—Purple shaded white.
50—Bronze—Beautiful bronze.
62—Cecily—Steel blue, margined white.
64—Goliath—Large curled yellow, blotched.
68—Emp. William—Ultramarine blue.
84—Superba—Orchid tints of red and wine.
86—Sunlight—Yellow with brown blotches.
88—Andromeda—Curled apple blossom.
90—Colossea Venosa—Light veined shades.
92—Almond Blossom—Delicate rose.
94—Aurora—Terra cotta shades.
97—The above named Orchid mixed.
98—Indigo Blue—Deep velvety blue.
100—Light Blue shades.
104—Meteor—Bright red brown.
106—Pres. McKinley—Yellow, dark blotched.
114—Purple—Large rich deep color.
116—Peacock—Blue, rosy face, white edge.
118—Psyche—Curled white, five blotches.
126—Red—A collection of rich red shades.
138—White—Large satiny white.
140—White with violet blotch.
142—Yellow—Large golden yellow.
144—Yellow with dark blotch.

RAINBOW is a mixture of the most beautiful, gorgeous colors, blotched, striped, veined, margined, etc. With every $1.00 worth of Pansy seed I will send, free, 1000 seeds of Rainbow, and with other amounts in like proportion.

Chas. Frost
Kenilworth, N. J.

Waldo Rohnert

GILROY, CAL.

Wholesale Seed Grower.

Specialties: Lettuce, Onion, Sweet Peas, Aster, Cosmos, Mignonette, Verbena in variety. Correspondence Solicited.

Mention the American Florist when writing

R. & M. GODINEAU

SEED GROWERS

Angers, - France

Specialties: Beets, Mangoes, Carrots, Cabbages, Celeries, Parsleys, Parsnips, Turnips.

Growing Crops Given Personal Attention.

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The Everett B. Clark Seed Co.

GROWERS FOR THE TRADE

Beans, Peas, Sweet Corn, Onion, Turnip Radish, Beet,

Branches Michigan, Wisconsin and Idaho. **MILFORD, CONN.**

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BURPEE'S SEEDS

Philadelphia

Wholesale Price List for Florists and Market Gardeners

Mention the American Florist when writing

L. Giganteums,

8-9 in., 8-10 in., 9-10 in.

Also **Bamboo Stakes,** green and natural, different sizes. Write for prices.

YOKOHAMA NURSERY CO., Ltd.,

Woolworth Bldg., New York City

Mention the American Florist when writing

MANN'S

Lily of the Valley

are the finest in existence and their flowers bring the best prices on the London market. For quotations please apply to

OTTO MANN, Leipzig, Saxony, Germany

Mention the American Florist when writing

Contract Seed Growers

Specialties: Pepper, Egg Plant, Tomato, Vine Seed and Field Corn.

Correspondence Solicited.

George R. Pedrick & Son,

PEDRICKTOWN, N. J.

Mention the American Florist when writing

James Vick's Sons

Seedsmen

ROCHESTER, NEW YORK

Have you received copies of our wholesale catalogue and Aster Book? If not, write for same.

Mention the American Florist when writing

ROUTZAHN SEED CO.

Arroyo Grande, Calif.

Sweet Pea and Nasturtium Specialists.

Wholesale Growers of full list of

FLOWER and GARDEN SEEDS

Mention the American Florist when writing

S. M. Isbell & Co.,

Jackson, Mich.

CONTRACT SEED GROWERS,

Bean, Cucumber, Tomato, Muskmelon, Squash, Watermelon, Radish, Sweet Corn.

Correspondence solicited.

Mention the American Florist when writing

Henry Fish Seed Co.

Bean Growers for the Wholesale Seed Trade

CARPINTERIA, CALIF.

Mention the American Florist when writing

TOMATO SEED

Also Pepper, Egg Plant, Squash, Pumpkin, Cucumber, Cantaloupe and Watermelon Seed and Field Corn, in variety, on contract.

EDGAR F. HURFF,

Correspondence Solicited. **SWEDESBORO, N. J.**

Mention the American Florist when writing

FOR SALE

Marie Louise

Double Violet Plants

Strong vigorous stock, $2.00 per 100; $15.00 per 1000.

F. R. SNYDER, Rhinebeck, N. Y.

Orchids

If you want **Orchids** for any purpose whatever we solicit your inquiries and orders for same. We do not grow or handle anything else but **Orchids.** Special lists on application.

LAGER & HURRELL, Summit, N. J.

Roses

Specially priced stock list 2½ and 4-in.

THE LEEDLE FLORAL COMPANY SPRINGFIELD·OHIO·

SPECIALTIES

Roses, from 3-inch pots. **Chrysanthemums**
Carnations for fall delivery. **Smilax, Violets**

IN BEST VARIETIES.

Prices low. Send for list.

Wood Brothers, FISHKILL New York

from $8.95 to $6.00 in August that year.

Without exception the high price for the three-months period is reached in August. This is the critical time of the crop-making season, with just enough actual damage, or enough fear of damage, to put prices up to the highest point.

Last year August expired $1.00 over July expiration, and $2.65 over May expiration. The "high" was made in August in 1913, but good crop prospects later in the month sent quotations down to almost the lowest of the period. In 1912 August was a high-price month throughout.

October has been following a narrow groove the past two months. Nothing unusual for April and May. Will prices follow the course of history and hit the upward trail during the summer months? Prices are not high compared with former years. The crop outlook is generally favorable. Following are details of former years:

	1914	1913	1912	1911	1910
May exp.	8.35	7.97	10.10	8.22	6.45
June exp.	8.60	8.27	10.30	9.00	6.67
July exp.	9.80	8.65	9.82	10.75	7.82
Aug. exp.	10.87	6.95	10.55	12.35	9.37
High	11.90	9.10	10.90	12.80	9.40
When made ...	Aug.	Aug.	Aug.	Aug.	Aug.
Low	8.30	6.85	9.75	8.30	6.45
When made ...	June	July	July	June	June
	1909	1908	1907	1906	1905
May exp.	6.65	7.55	8.10	6.37	5.80
June exp.	6.97	7.50	8.42	6.60	5.80
July exp.	7.15	8.55	9.25	7.12	5.70
Aug. exp.	7.40	6.02	9.10	7.42	6.27
High	7.70	8.95	10.32	7.62	6.50
When made ...	Aug.	Aug.	Aug.	Aug.	Aug.
Low	6.67	6.00	7.90	6.35	5.65
When made ...	June	Aug.	June	June	July

SOUTHWORTH & Co.

WINNETKA, ILL.—The North Shore Horticultural Society will hold its annual summer show at Community House, July 22. Edward Boulter is secretary.

BOXWOODS

Good supply of choice plants in the following sizes and prices.

Order early for Boxwoods are scarce.

BUSH

15 to 18 in. high in pots, 50c to 60c each
24 inches high in tubs.....$1.00 each
30 inches high in tubs..... 1.75 each

PYRAMIDS

2½ to 3 feet high.....$1.50 each
4 feet high..... 2.50 each

STANDARD

15 inches high, balled.....$2.50 each

H. N. BRUNS,

3032 West Madison Street, CHICAGO, ILL.

USE

Thorburn's Seeds

FOR YOUR SPEIAL IDEAS

ANY special idea you may have for plants or flowers will get its support here—our stock of seeds is so extensive.

Our seeds for late-summer blooming will yield a perfect rainbow-range of color. Write for our catalog.

J. M. THORBURN & CO.
53 Barclay St., through to 54 Park Place
NEW. YORK

Get Quotations From

LANDRETH

SEEDS WHICH SUCCEED

Bloomsdale Farm. **Bristol, Pa.**

THE

J. C. ROBINSON SEED CO.

WATERLOO, NEBRASKA.
Rocky Ford, Colorado.

Contract growers of Cucumber, Cantaloupe, Watermelon, Squash and Pumpkin seed; Sugar, Flint and Field Seed Corns.

Before Placing Orders for

SWEET PEAS, Spencers, Grandifloras, etc., ASTERS and FLOWER SEEDS in general; TOMATO, LIMA and POLE BEANS, write

JOHN BODGER & SONS CO.,
Contract Seed Growers
LOS ANGELES, CALIFORNIA.

—Write—

GEO. A. KUHL,
PEKIN, ILL.,
For Prices and List of
MUMS, ROSES, FERNS, BEGONIAS and General Stock
Wholesale Grower to the Trade.

Primroses

Chinese, Forbesi, Malacoides, Obconica Alba Roses, Ruby, $2.00 per 100.
Obconica Gigantea, $2.50 per 100.
Asp. Plumosus and Sprengeri, $2.00 per 100.
Pansy Seed, Giant Flowering, oz., $4.00.

— CASH —

Jos. H. Cunningham
DELAWARE, OHIO.

Mention the American Florist when writing

BOXWOODS—Most Beautiful Stock

Pyramids, 2 -ft.....$1.00 each
Pyramids, 2½-ft..... 1.50 each
Pyramids, 3 -ft..... 2.00 each
Pyramids, 3½,ft..... 2.50 each
Standard Shape, 14x14 in..... 2.50 each
Globes, 14x14 in..... 3.00 each
Heavy Bushes, 2-ft..... 1.50 each
Nice Bushes, 15-in.....35c each

F. O. FRANZEN 5319 N. Clark St. CHICAGO

Mention the American Florist when writing

Home of Pansies.

Our strain of Pansies is unsurpassed, improved annually. Some of the best florists in America are regular customers. These plants are in extra good shape this year and heavy rooted, grown on high land. Packed to reach you safe anywhere.
$2.50 per 1000. 5000 for $10.00.

Elmer Rawlings, Home of Pansies,
OLEAN, N. Y.

Thousands of Chrysanthemums

20 kinds. Cyclamens, Begonias, Primulas, Cinerarias, Etc. Ready for market.

See our display adv. in American Florist, June 26, page 1211. Send for lists.

ALONZO J. BRYAN,
Wholesale Florist, Washington, Nnw Jersey.

Godfrey Aschmann

Importer, Wholesale Grower and Shipper of

POT PLANTS

SPECIALTIES—Azalea Indica, Araucaria Excelsa and Kentia Palms.

1012 W. Ontario St., Philadelphia, Pa.

Is Your Supply of Effective Cut Flowers Provided?

Lily Flowers are Daily Breadwinners

You make no mistake in ordering from us a weekly or fortnightly supply of the following:

Cold Storage Stock

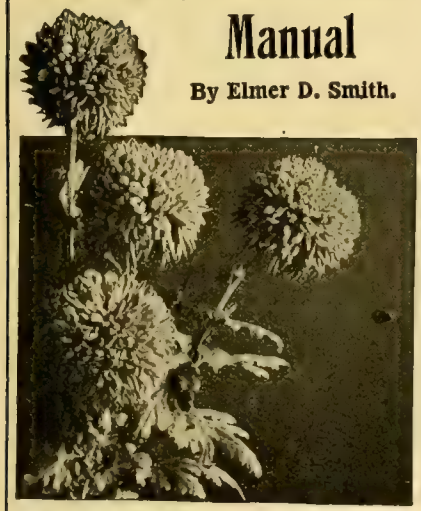
	No. in case	Per case	Per 1000
Giganteum, 7- 9 inch,	100	$ 6.00	. . .
Giganteum, 7- 9 inch,	300	16.00	$53.00
Giganteum, 8-10 inch,	225	16.50	72.50
Giganteum, 9-10 inch,	200	17.00	82.50
Formosum, 8-10 inch,	200	15.00	72.50
Lily of the Valley Pips			16.00
Gladiolus, Mrs. Francis King, 1st. . .			9.00

Vaughan's Seed Store

CHICAGO NEW YORK

The Chrysanthemum Manual

By Elmer D. Smith.



NEW AND REVISED EDITION.

Price 50 Cents. Cash With Order.

AMERICAN FLORIST CO.,

440 S. Dearborn St., CHICAGO.

A Few Good Things You Want.

Asparagus Plumosus, 2-in., $2.50 per 100.
Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2.00 per 100; 3-in., $5.00 per 100.
Boston and Whitmani Ferns; 3-in., 10c; 4-in., 15c; 5-in., 25c.
Dracaena Ind., 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each.
Rex Begonia, 2¼-in., $5.00 per 100.
Vinca Var., 2 in., $2.00 per 100.

Cash with order.

GEO. M. EMMANS, Newton, N. J.

BOXWOOD

(Balled and Burlapped) For Immediate Delivery.	
Pyramid Boxwood, 3 to 3½ feet	$1.60
Pyramid Boxwood, 3½ to 4 feet	1.75
Pyramid Boxwood, 4 feet	2.00
Bush Boxwood, 18 inches	.75
Bush Boxwood, 2 feet	1.35
Ball Boxwood, 12 x 12 inches	1.50
COLCHICUMS, large bulbs	$5.00 per 100

Evergreens for Winter Window Boxes from 10c to 50c each.

The above prices are for good stock, delivered at railroad station at our Nurseries, at Tippecanoe City, Ohio. Packing at cost. Have 500 or 600 Boxwood left. Shipping every day.

If interested in Perennials, Shrubs, Evergreens, Fruit Trees, Berry Plants and Vines, will quote by letter. **Shall we place you on our mailing list?**

Peter Bohlender & Sons,

Tippecanoe City, (Miami Co.) Ohio

Mention the American Florist when writing

CHRYSANTHEMUMS

From 2¼-inch Pots.	Per 100
Odessa	$20.00
Oconto, Smith's Ideal, Edwin Seidewitz, Indian Summer, Salomon's Gold	6.00
Chieftain, Mary E. Meyer, Adonis, Harvard, W. H. Chadwick	4.00
Chrysolora, Clementine Touset, Donatello, Golden Glow, October Frost, Pink Ivory, Smith's Advance, Yellow Ivory, Yellow Frost, Col. D. Appleton	3.00
POMPONS.—Golden Climax, Golden Harvest, Golden West, Clorinda, Iva, Lillian Doty, Minta, Nio, Zenobia	5.00

Not less than 25 of a kind at 100 rate. Cash with order.

ELMER D. SMITH & CO., Adrian, Mich.

The Nursery Trade

American Association of Nurserymen.

E. S. Welch, Shenandoah, Ia., President; John Watson, Newark, N. Y., Vice-President; John Hall, 204 Granite bldg., Rochester, N. Y., Secretary.

Forty-first annual convention will be held at Milwaukee, Wis., June, 1916

MADISON, WIS.—The annual convention of the Wisconsin State Horticultural Society will be held in this city, August 25-26. A large attendance is predicted.

DUNDEE, ILL.—David Hill, owner of the D. Hill Nursery Co. of this city, had a narrow escape from serious injury when a large truck collided with the automobile which he was driving, July 5.

RALEIGH, N. C.—The regular nursery inspection conducted by the North Carolina state department of agriculture and experiment station began July 15 and will continue until about October 10. Inspection of ornamental and small fruit nurseries will be completed by August 15.

FARIBAULT, MINN.—A. M. Brand, of Brand's Nursery, was awarded first, second and third prizes for his exhibit of peonies at the flower show at University farm, held under the auspices of the Minnesota State Horticultural Society, the Minnesota State Florists' Association and the State Garden Flower Society. Eight hundred blooms were shipped to the University farm each day during the show.

CHARLES G. PATTEN, Charles City, Ia., veteran horticulturist and well known as the introducer of apples and other fruits of the hardy varieties, his best apple, the Patten Greening, being widely grown throughout the north Mississippi states, has received additional honors, the Iowa State College of Agriculture and Mechanic Arts having bestowed upon him a special certificate for eminent service to agriculture. Mr. Patten is in his eighty-third year.

Stark Nurseries Elect Officers.

At the annual meeting of the Stark Bros. Nurseries and Orchards Co., Inc., Louisiana, Mo., the following officers were elected; E. W. Stark, president; L. C. Stark, vice-president; T. W. Stark, secretary; Eugene Duncan, treasurer; P. C. Stark, assistant secretary and treasurer. The board of directors is E. W. Stark, L. C. Stark, Eugene Duncan and X. P. Wilfley.

Trees and the Public.

The necessity of replanting the desolate spaces left by lumbermen and by forest fires with trees from public nurseries was emphasized by Professor James W. Toumey, director of the Yale School of Forestry, in his lecture at Lake Forest, Ill., July 7, 1915, on "Trees and the Public," before an audience from nearly all of the towns along the North Shore. The economic uselessness of the de-forested spaces which our once extensive forests occupied was shown and also the means of giving them value. He said that no land was absolutely valueless, even though it would grow no crops, for some kind of tree will grow in some kind of land, no matter how poor.

The Black Forest of Germany, and the different state forests of Austria, Thirty states, he declared, already have their own forests, and the movement is rapidly advancing, so that in a few years every state will be ready were cited as examples of what we should do in this country in order to regain some of our woods for the benefit of coming generations. The difference between private and national ownership was brought out by Professor Toumey. He said that it had been conclusively proved, both in this country and abroad, that state forests were infinitely superior to those dependent upon private initiative and capital. Individuals must turn over their capital in a comparatively short time, he said, whereas the government could wait years for their forests to mature and reach the most productive age.

Peter Youngers, Geneva, Neb.
Treasurer American Association of Nurserymen.

to replant vacant woodlands immediately after they are cut over. Conservation and community ownership, he said, are the only salvation for future generations in this country.

Tree doctors, Professor Toumey claimed, should be avoided, as their operations more often than not, are not only useless, but harmful. Prevention of the bacteria and fungi of decay, he said, is all that can be done to safeguard the life and health of valued trees. The best and easiest way is to clean out the decayed part and then creosote it. Cementing does not strengthen the tree; it only keeps the water out. Some of the tree doctors who are now operating in this country were formerly barbers and bar-keepers, to his personal knowledge, he said. These men scrape, prune and spray trees; cut great unnecessary cavities in the boles, and on top of that, fill them with cement. Their function is not to preserve the trees, of which they have little or no knowledge, but to run up as large bills as possible on their employers.

Street trees, according to Professor Toumey, need special care and attention, for the same treatment given to them as to forest trees would often do them no good. In this connection, he advised the employment of an experienced arboriculturist—a man who knows his business. If people of the North Shore did this, and used the natural trees of the middle west, they might easily possess in time forest and roadside trees that would equal any.

Professor Toumey spoke twice in Lake Forest, once before the Garden Club of Illinois and once before the public. He is on his way to the coast, his stop there being one of many which he will make on his way to the Pacific coast in the interests of forest conservation.

Lilacs.

To most persons the lilac is the shrub with red-purple or with white flowers to which botanists have given the name of Syringa vulgaris. There are, however, many other kinds of lilac, and in addition to Syringa vulgaris and some 150 seedling forms of it there are 20 species and several hybrids in the arboretum collection. The common lilac is said to have reached western Europe from Constantinople; it was cultivated in a garden near London in 1593 and had become known in the United States at least as early as the middle of the eighteenth century. Washington wrote of it in his diary and planted it at Mt. Vernon, where his plants or their descendants still flourish. One of the most popular of garden plants in all cold and temperate countries, the original home of this lilac remained unknown for three centuries after its introduction into England. Some writers believed it to be a native of Persia and others considered central Asia or northern China its home, and it is only a few years ago that it was discovered to be a native of the mountain forests of Bulgaria. Specimens of the wild plant raised at the arboretum from seeds collected in Bulgaria are growing on the left-hand side of the walk going up the hill through the lilac collection and are labeled "Syringa vulgaria, Bulgaria." It is interesting to compare the narrow clusters of small lilac-purple flowers with the large ones of many shades of color which gardeners in the last three centuries have developed from the wild plant. It is evident that no great additional improvement can now be expected from seedlings of the common lilac. The beauty limit appears to have been reached and many of the seedlings raised in recent years and named and sold by nurserymen show no improvement on the older varieties, and all that is best in these plants can really be found in a dozen varieties or less. The arboretum is often asked to furnish a list of the best varieties. This is difficult to do, for what one person may like in the color of a flower another may not care for. The following, however, are good varieties, and a lilac garden confined to these varieties would certainly be more beautiful than one in which the attempt was made to plant together all the varieties that have received names: Charles X (rosy lilac), Philemon, Ludwig Spath and Congo (dark red-purple), Macrostachya and Gloire de Moulins (double white), Marie Legraye (single white), Madame Lemoine and Miss Ellen Willmott (pink), Justi (blue). It must be remembered that the arboretum collection of these plants is intended to show what not to plant as well as to show the most desirable varieties to plant. Next to the common lilac the Persian lilac, Syringa persica, is probably the best known species. It reached England 50 years later and ever since has been a popu-

lar garden plant, as it flowers after the common lilac. There are pale rosy purple and white-flowered varieties and one with deeply-divided leaves (var. laciniata). A little more than 100 years ago a hybrid between the common and the Persian lilac appeared in the botanic garden at Rouen. This proved to be one of the handsomest, hardiest and most vigorous of all lilacs, recalling its Persian parent in its small flowers produced, however, in enormous clusters, its slender branches and narrow leaves, while the color of the flowers shows the influence of Syringa vulgaris. Unforunately, under the supposition that this plant had come from China, it was named Syringa chinensis, the name under which it must be known; it is also sometimes called Syringa rothomagensis. There is a variety with pale nearly white flowers (var. alba). A lilac from northern China, S. pubescens, is still too little known in gardens; it is a tall shrub with erect stems, small leaves and broad clusters of pale lilac-colored flowers remarkable for the long tube of the corolla and for their delicate fragrance. For this fragrance, if for no other reason, this lilac should find a place in every northern garden. Another lilac from northern China, S. villosa, is a large vigorous shrub, with pale rose-colored or nearly white flowers which have a distinctly disagreeable odor. The flowers, however, are handsome and abundant, and this plant should be cultivated, for it is the last to bloom of the true lilacs. The crossing of this plant in Paris, a few years ago with the small-flowered Hungarian lilac, S. Josikaea, produced a race of hybrids of extraordinary beauty. The general name for these hybrids is Syringa Henryi, so named in honor of the gardener who produced them. One of this hybrid race, called Lutece, is one of the most beautiful of all garden lilacs, although its Hungarian parent is perhaps the least beautiful of the whole genus and the last species most breeders would have chosen for the production of a new race of garden plants. The beauty of Lutece shows that it is impossible to foretell what hybrids may produce and makes it reasonable to hope that by the use in this way of some of the new species discovered by Wilson in western China new hybrid races may be obtained of distinct value as garden plants. All the new species from western China are growing well and promise to be perfectly hardy. The flowers of none of them, however, are as handsome as some of those of the better known species, although Syringa reflexa is interesting as the only lilac which bears its flowers in drooping clusters. These new Chinese lilacs are planted along the southern end of the grass path which follows the top of the bank occupied by the lilac collection. Lilacs have been flowering in the arboretum now for the last two weeks and will continue to flower until the first of July. Most of the varieties of the common lilac will be in flower when this bulletin reaches its readers living near Boston.—Arnold Arboretum Bulletin, May 19. 1915.

Trimming and Shearing Evergreens.

In a talk before the North Shore Horticultural Society at Lake Forest, Ill., January 15, 1915, A. H. Hill, Dundee, Ill., said that the entire system of pruning an evergreen depends very much upon the same principles that govern the trees of other classes, and that many evergreens are spoiled through a mistaken idea of beauty, by having their lower branches cut off, and thus forming a long naked stem, considered very distasteful to the intelligent evergreen planter. An excellent plan to preserve a perfect shape is to extract the centre bud from any shoot that projects beyond the proper limit.

Most of the upright junipers, hemlocks, arbor vitaes and cedars are benefited by an annual pruning, either in early spring or late summer, of the over luxuriant branchlets, thereby causing them to thicken and otherwise vastly improve in appearance. When the leader or main stem of an evergreen becomes destroyed by accident or otherwise, a new one may be readily formed by tying up a side branch in as nearly an upright position as possible. Two leaders should never be allowed to remain. The stronger should be selected and the other cut away as soon as noticed. As a general thing—don't be afraid to trim or prune evergreens—keep the knife on them constantly—proper trimming will keep them to any height desired for years.

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ITHACA, N. Y.—Cornell University has started an advanced reading course in vegetable gardening, conducted by means of a textbook, questions and correspondence. The course is graded and is free except for the price of the textbook, which is not published by the university.

Prices of Indoor Fruits and Vegetables.

Chicago, July 14.—Mushrooms, home grown, No. 1, 50 cents per pound; lettuce, 7½ cents per box; radishes, 75 cents to $1.00 per 100 bunches; asparagus, 50 cents per dozen bunches; celery, 12 stalks, 25 cents; cucumbers, 20 cents to 30 cents per dozen.

New York, July 14.—Asparagus, per dozen bunches, 60 cents to $3.50; cucumbers, 40 cents to 50 cents per dozen; mushrooms, 75 cents to $1.50 per 4-pound basket; tomatoes, 20 cents to 25 cents per pound; radishes, per 100 buches, $1.50 to $2.00; lettuce, per 2 dozen crates, 10 cents to 50 cents; rhubarb, per dozen bunches, 25 cents to 40 cents.

Summer Treatment of Greenhouse Soil.

For an interval of six to ten weeks during mid-summer vegetable greenhouses usually stand idle. Indoor tomatoes and cucumbers by the first week in July are usually past their prime and outside vegetables are so abundant that prices received for even the finest greenhouse products are relatively low. The houses are generally cleared at once of all growth, as it is no longer profitable to care for the crop, and at this stage disease and insects are at their worst, necessitating expensive operations if they are to be kept in check.

Unlike most florists, the vegetable greenhouse man does not consider it necessary to renew his soil annually. In large commercial ranges the cost of changing the soil amounts to a considerable sum, and if it can be avoided it means a large saving.

Generally, when the vines have been removed no further attention is given, the common opinion being that the intense heat under glass during July and August, together with the dryness of the soil, will destroy all insect life as well as fungi and bacteria.

This view is open to serious doubt. If vegetation is not completely removed from the house, a few tufts of grass or weeds will support through the summer enough insects to restock in the fall. If the insects are driven or carried outside, with cooler weather and favorable conditions inside, they will some way find their way back. The various organisms of the soil do not seem, in general, to be adversely affected by the summer drying, according to Circular No. 69, issued by the Ohio agricultural experiment station, Wooster. These, when such conditions prevail, quickly go into a resting stage, and in such a state are practically immune to any degree of heat and dryness that can be attained under ordinary greenhouse conditions. Not only this, but on resuming activity, they show a degree of vigor greatly exceeding for a time, that before desiccation.

We too commonly think of the soil as a mass of dead, inert material. The real condition, so far as the top layer is concerned, and it is the upper six inches with which we are mainly interested, is that it is teeming with life, having a fauna and flora of its own, miscrospocic to be sure, but exceeding in activity and numbers the higher forms of life with which we are more familiar.

Greenhouse soil, in particular, because of artificial climatic conditions, which are almost tropical, and because of their origin and treatment, present very complex conditions. That some greenhouse soils are richer in available plant food than the average barn yard manure suggests some of the problems with which we have to deal.

In considering these problems we must keep clearly in mind two points, first the natural requirements of cultivated plants, and second, the soil conditions.

Considering briefly the various angles of the soil problems, we may, for convenience, divide the organisms of the soil into two classes. First the beneficial bacteria and second, the various higher forms which are injurious to the first, together with the various parasitic fungi. The beneficial bacteria are those which increase the fertility of the soil by the production of ammonia, fixation of nitrogen, etc. The injurious organisms are the protozoa, etc., which interfere with the beneficial bacteria and thus are factors in limiting the fertility of the soil. Between these two classes, under normal conditions, there is an equilibrium. Under greenhouse conditions this balance is often disturbed and the cultivated crop seriously affected.

The chemical contents of the soil present conditions of extreme complexity. In greenhouse soils are found conditions in many ways wholly unlike those of outdoor soils, and our knowledge of the latter can hardly be applied, except in a general way. One of the problems, at least, in many greenhouses is to keep the soil in a balanced condition as to fertilizing ingredients, rather than to increase any at the expense of the health of the plants. Greenhouse soils are usually made before placing in the benches and the question of their improvement afterwards is of minor importance.

Plants are sensitive to the physical condition of the soil in the greenhouse as well as out of doors. It is difficult to separate these various problems as they are so closely interlocked. Greenhouse soils are generally made from the soil upon which the houses stand or from that of the immediate neighborhood, so that the type of soil from which they are made must be taken into consideration.

DAVENPORT, IA.—The Bills Floral Co., 102 West Second street, which has been conducted by Harry M. Bills and wife, has been sold to Miss Mary A. Tierney. The change took place July 1. Miss Tierney has been connected with the business for many years and is thoroughly conversant with it. Mr. and Mrs. Bills will continue to operate the greenhouses on North Brown street and will supply the store with flowers as before.

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6-in. pot	5 to 6	28 to 30	$1.00	$12.00
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	Each
12-in. cedar tub, 4 plants in tub, 5 to 5½ ft.	$10.00
12-in. cedar tub, 4 plants in tub, 5½ to 6 ft.	12.50
12-in. cedar tub, 4 plants in tub, 6 ft. high, heavy	15.00
12-in. cedar tub, 4 plants in tub, 7 to 8 ft.	18.00

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	Each
7-in. tub, 18 in. high, 24 in. spread	$2.00

Kentia Belmoreana

	Leaves	In. high	Each	Per doz.
2½-in. pot	4	8 to 10		$1.50
4-in. pot	5 to 6	15	$0.40	4.50
6-in. pot	6 to 7	24	1.00	12.00
6-in. pot	6 to 7	28 to 36	1.50	18.00

	Leaves	In. high	Each	Per doz.
9-in. cedar tub	6 to 7	42 to 45	$4.00	$48.00
9 n. cedar tub	6 to 7	45 to 48, very heavy	5.00	
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New Rochelle, N. Y.

New Rochelle has an interesting history, which it is not our purpose to here recite. It is enough to state that it was settled by people who had suffered for conscience sake and who not only brought from their native land a love of liberty, but likewise industry and thrift. New Rochelle is now a thriving city, but there yet remains some of the landmarks of its founders. At this season a noteworthy feature is its noble trees and well kept lawns and gardens. Few cities can boast of such a lavish cultivation of pink rambler roses as are here seen. The streets in places are literally bordered with them, and with a background of trees and shrubs they form a beautiful and inspiring picture.

Commercial florists are well represented. The Rose Hill Nurseries, Inc., better known as Siebrecht & Son, have not only a good nursery, but a large glass area. The cultivation of gardenias is now a feature of this range, five houses being planted with about 20,000 plants. Considerable space is devoted to roses, a house of the new rose, Ophelia, being noteworthy. There is also a variety of other stock.

Alexander McConnell's Woodside Nurseries are noteworthy at this season, not only for a magnificent display of rambler and other roses, but for a large variety of other fine nursery stock.

S. J. Mariano & Son call their store "The Orchids." They started in business about a year ago and seem to be prospering.

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ASPARAGUS PLUMOSUS NANUS, out of 2¼-in. pots, $3 per 100; $25 per 1,000. ASP. SPRENGERI, out of 3-in. pots, $5 per 100; $45 per 1,000. The above prices are for clean, healthy, well established plants. PITTSBURGH CUT FLOWER CO., 116-118 7th St., Pittsburgh, Pa.

Asparagus plumosus, 2¼-in., $3.50 per 100; $30 per 1,000; 3-in., $7 per 100; $65 per 1,000; 4-in., $12 per 100; $115 per 1,000. Sprengeri and Boston hanging baskets, $1 to $3 each. Poehlmann Bros. Co., Morton Grove, Ill.

ASPARAGUS PLUMOSUS AND SPRENGERI, 4-inch strong, $12.50 per 100; 2-inch. $3; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

ASPARAGUS—100,000 good strong 2-in. Asparagus Plumosus, $2.50 per 100; $20 per 1,000. THE SPRINGFIELD FLORAL CO., Springfield, Ohio.

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Asparagus plumosus and Sprengeri, $2 per 100. Jos. H. Cunningham, Delaware, Ohio.

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ASTERS. Vick's finest cut flower varieties, from Vick's seed, assorted kinds, 2¼-inch pots, $1.50 per 100; $12.50 per 1,000. Cash. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

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Bedding stock, coleus, achyranthes, salvias, lemons, verbenas, alternantheras, lobelias, begonias, 2-inch, $2 per 100; $18.50 per 1000; 3-inch, $3 per 100; $25 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

BEGONIAS.

Begonia Glory of Cincinnati 2½-inch ready for 4-inch, $18 per 100; $150 per 1,000. Begonia Melior, 2½-in., $25 per 100. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Begonia Gloire de Lorraine, 3-inch, $18 per 100; $170 per 1,000. Glory of Cincinnati, 2-inch, $18 per 100; $150 per 1,000; 3-inch, $20 per 100; $175 per 1,000. Vaughan's Seed Store, Chicago and New York.

Begonia Glory of Cincinnati, 2¼-inch, fine plants, $15 per 100; $140 per 1,000. Lorraine, $12 per 100. Chatelaine, 2¼-inch, $5 per 100. Xmas Red, 2¼-inch, $6 per 100. ERNEST ROBER, Wilmette, Ill.

Begonia Lorraine, 2¼-in. pots, $12 per 100; $110 per 1,000. Begonia Glory of Cincinnati, 2¼-in. pots, $15 per 100; $140 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Begonias. Geo. A. Kuhl, Pekin, Ill.

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Boxwoods, pyramids: 2½ to 3 feet high, $1.50 each; 4 feet high, $2.50 each. Standard, 15 inches high, balled, $2.50 each. Bushes: 15 to 18 inches high, in pots, 50c to 60c each; 24 inches high in tubs, $1 each; 30 inches high, in tubs, $1.75 each. H. N. Bruns, 3032 West Madison St., Chicago.

Boxwoods, pyramid, 2 ft., $1 each; 2½ ft., $1.50; 3 ft., $2; 3½ ft., $2.50. Standard shape, 14x14 inch, $2.50 each. Globe, 14x14 inch, $3. Heavy bushes, 2 ft., $1.50; nice bushes, 15 in., 35c each. F. O. Franzen, 5319 N. Clark St., Chicago.

Boxwood, balled and burlapped, pyramid, 3 to 3½ ft., $1.60; 3½ to 4 ft., $1.75; 4 ft., $2. Bush, 18 inches, 75c; 2 ft., $1.35. Ball, 12x12 inches, $1.50. Evergreens for winter window boxes from 10c to 50c each. Peter Bohlender & Sons, Tippecanoe, Ohio.

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Bulbs, L. Giganteums, 8-9-inch, 8-10-inch, 9-10-inch. Yokohama Nursery Co., Ltd., Woolworth Bldg., New York City.

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Bulbs, Freesia Purity and calla lily. Santa Cruz Bulb & Plant Co., 21 Pacific Ave., Santa Cruz, Calif.

Bulbs, S. S. Skidelsky & Co., 1004 Betz Bldg., Philadelphia.

Bulbs of all kinds. Chas. Schwake & Co., 90-92 W. Broadway, New York.

CANNAS.

Cannas, King Humbert, 3-inch, $5 per 100; 4-inch, $7 per 100. Florence Vaughan, 3-inch, $4 per 100; 4-inch, $6 per 100. Express, 3-inch, $5 per 100; 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

CANNAS, good varieties, strong plants in 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

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	100	1,000
Enchantress Supreme	$8.00	$70.00
Champion	8.00	70.00
Philadelphia	7.00	65.00
Beacon	7.00	60.00
White Perfection	7.00	60.00
White Wonder	7.00	60.00
Enchantress	6.00	55.00
Mrs. C. W. Ward	6.00	55.00

We have a very large supply of the above varieties, the plants are large, clean and healthy.

GEORGE PETERS & SONS,
HEMPSTEAD, NEW YORK.

Carnation plants, Pink Enchantress, Rose Pink Enchantress, $4.50 per 100; $40 per 1000. White Perfection, Mrs. C. W. Ward, $4 per 100; $35 per 1000. Philadelphia, $5 per 100; $45 per 1000. Peter Reinberg, 30 East Randolph St., Chicago.

FIELD GROWN CARNATION PLANTS.
Best obtainable. Fine, large plants.

Pink Enchantress	$4.00 per 100;	$35.00 per 1000
Winsor	4.00 per 100;	35.00 per 1000
C. W. Ward	4.00 per 100;	35.00 per 1000

ZECH & MANN, Chicago, Ill.

HARDY CARNATIONS, good thrifty plants, $2.50 per 100. SWEET WILLIAMS, fine mixed, $1.50 per 100. Cash, please. GEORGE POPP, JR., Fort Recovery, Ohio.

Carnations, field-grown, as long as they last, $6 per 100; $55 per 1,000. Poehlmann Bros. Co., Morton Grove, Ill.

Carnations. Wood Bros., Fishkill, N. Y.

CHRYSANTHEMUMS.

CHRYSANTHEMUM ROOTED CUTTINGS.

WHITE.	Per 100	Per 1,000
Smith's Advance	$2.00	$15.00
October Frost	2.00	15.00
Alice Byron	2.00	15.00
Alice Salomon	3.50	30.00
Chas. Razer	2.00	15.00
Lynwood Hall	2.00	15.00
CRIMSON.		
Shrimpton	2.00	15.00
YELLOW.		
Chrysolora	2.00	15.00
Ramapo	2.00	15.00
PINK.		
Amorita	2.00	15.00
McNiece	2.50	20.00

CHRYSANTHEMUMS FROM 2½-INCH POTS.

	Per 100	Per 1,000
Smith's Advance	$2.50	$20.00
October Frost	2.50	20.00
Alice Salomon	4.00	35.00
Alice Byron	2.50	20.00
Chas. Razer	2.50	20.00
Lynwood Hall	2.50	20.00
Shrimpton	2.50	20.00
Golden Salomon	4.00	35.00

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.

Chrysanthemums. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

If You Do Not Find What You Need In Our Ready Reference Department, Write Us About It.

CHRYSANTHEMUMS.

CHRYSANTHEMUM CUTTINGS.

Tremendous supply of fine, healthy stock, ready for immediate shipment. We have all the best commercial varieties and grow every one we have listed in quantity for wholesale purposes in the Chicago market. Our experience as chrysanthemum growers has taught us that the following varieties are the best money makers:

	Per 100
Salomon Gold, yellow	$3.00
Col. D. Appleton, yellow	2.00
Halliday, yellow	2.00
Nagoya, yellow	2.00
Intensity, red	2.00

CUT BACK PLANTS.

Well established in soil. Fine stock. Order early.

	Per 100
Salomon Gold	$4.00

POMPONS.

Large quantity of Pompon cuttings in the following varieties, which are of the same high quality as the chrysanthemum stock:

	Per 100
Diana, white	$2.00
Lulu, white	2.00
Baby, yellow	2.00
Overbrook, yellow	2.00
Mrs. Astor, yellow	2.00
Sabey, yellow	2.00
Cubit, tan	2.00
E. D. Godfrey, pink	2.00
Ladysmith, pink	2.00
Croesus, bronze	2.00
Tiber, brown and red	2.00
Mensa, white	2.00
Quinola, yellow	2.00
Pretoria, yellow	2.00
Golden Climax, yellow	2.00
Excelsior, yellow	2.00
Zenobia, yellow	2.00
Mary Richardson, terra cotta	2.00
Emile, pink	2.00
Agloi, variegated	2.00
H. Hicks, brown	2.00
Mrs. Beu	2.00
Baby Margaret	2.00
Klondyke	2.00

CUT BACK POMPONS.

Diana	$2.00
Mensa	2.00
Quinola	2.00
Baby	2.00
Pretoria	2.00
Agloi	2.00
Tiber	2.00
H. Hicks	2.00
Golden Climax	2.00
Overbrook	2.00
Mrs. Astor	2.00
Excelsior	2.00
Sabey	2.00
Zenobia	2.00
Mrs. Cubit	2.00
Mary Richardson	2.00
E. D. Godfrey	2.00
Emile	2.00
Ladysmith	2.00

WIETOR BROS.,
162 N. Wabash Avenue, Chicago, Ill.

Chrysanthemums from 2¼-inch pots: Odessa, $20 per 100. Oconto, Smith's Ideal, Edwin Seidewitz, Indian Summer, Salomon's Gold, $6 per 100. Chieftain, Mary E. Meyer, Adonis, Harvard, W. H. Chadwick, $4 per 100. Chrysolora, C. Touset, Donatello, Golden Glow, October Frost, Pink Ivory, Smith's Advance, Yellow Ivory, Yellow Frost, D. Appleton, $3 per 100. Pompons: Golden Climax, Golden Harvest, Golden West, Clorinda, Iva, Lillian Doty, Minta, Nio, Zenobia, $3 per 100. Elmer D. Smith & Co., Adrian, Mich.

CHRYSANTHEMUM SURPLUS.

2,500 Chrysolora, 1,000 Double Yellow Pompon, 300 Double Yellow early, 300 Yellow Mensa, single; 500 Moller, 500 Double Bronze Pompons, early; 250 Golden Wedding, 100 Mensa, white single; 300 double Yellow Baby, 100 Salomon Gold. This is stock from 3-inch pots and soft, $3 per 100; $25 per 1,000. MINNEAPOLIS FLORAL CO., Minneapolis, Minn.

FROM OUT-DOOR STOCK PLANTS.
$1 per 100—Immediate delivery—$9 per 1,000.

5000 Timothy Eaton	7000 Silver Wedding
7000 White F. Pullman	2000 Major Bonnaffon
7000 Yanoma (late white)	5000 Higinbotham, pink
2000 C. Touset	2000 J. K. Shaw, pink

MEMPHIS FLORAL CO., MEMPHIS, TENN.

Pompon Chrysanthemums in a good assortment, 2-inch, $2 per 100; $18.50 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

Chrysanthemums, standard commercial varieties. Large flowering, pompons and singles, 2 and 2½-inch pots, $3 per 100; $25 per 1,000. HENRY SMITH, Grand Rapids, Mich.

CHRYSANTHEMUMS.

Chrysanthemums, Early Frost, rooted cuttings of 2-in. pot plants, $12 per 100; $100 per 1,000. F. Dorner & Sons Co., La Fayette, Ind.

Chrysanthemums, 50,000 rooted cuttings and plants from soil. Write for prices. William Swayne, Kennett Square, Pa.

Chrysanthemums. Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Clematis. W. & T. Smith Co., Geneva, N. Y.

COBEA SCANDENS.

COBEA SCANDENS, strong 2½-inch plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

COBÆA 3-inch, staked, $5 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS.

COLEUS, Golden Bedder, Firebrand and other best bedding sorts, $1.50 per 100; $12.50 per 1,000; strong 2-inch pot plants, not tall or leggy. JOSEPH BANCROFT & SON, Inc., Cedar Falls, Iowa.

COLEUS, 2-inch, mixed, $2 per 100; $18 per 1,000; 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

COLEUS, good assortment, 2½-inch pots, $3 per 100. HENRY SMITH, Grand Rapids, Mich.

CROTONS.

Crotons, 3-in., 25c; 4-in., 35c; 5-in., 50 to 75c each. Poehlmann Bros. Co., Morton Grove, Ill.

CYCLAMEN.

CYCLAMEN.

Best strain of colors. Xmas Red, Wonder of Wandsbek (best salmon), Rose of Marienthal, Glowing Dark Red, White with Red Eye, Pure White. Strong plants out of 2¼-in. pots, $5 per 100 or $40 per 1,000. Satisfaction guaranteed. Cash with order, please.
J. H. FIESSER,
709-741 Hamilton Ave., North Bergen, N. J.

Cyclamen, Wonder of Wandsbek, Glory of Wandsbek, dark red, brilliant red, bright red, Buckstone, Excelsior, Prince of Wales, Princess May, Giant White, Rose von Marienthal, 3-in., mixed, $8 per 100; $75 per 1000; 3-inch separate colors, $9 per 100; $80 per 1000; 4-inch, mixed, $15 per 100; $140 per 1000; 4-inch, separate colors, $16 per 100; $150 per 1000. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Cyclamen, large flowering, twice transplanted, shipped in paper pots, 3-inch, extra strong, $10 per 100; 3-inch, strong, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

Cyclamen giganteum, 3-inch, ready for shift, $10 per 100; $90 per 1,000. J. A. Peterson & Sons, McHenry Ave., Westwood, Cincinnati, Ohio.

Cyclamen Gig., Wandsbek type, finest in existence, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $8 per 100; $75 per 1,000. ERNEST ROBER, Wilmette, Ill.

Cyclamen seedlings, best strain, $2.50 per 100; $20 per 1,000. A. Henderson & Co., 369 River St., Chicago, Ill.

Cyclamen, separate colors, finest strain; extra strong plants, 3-inch pots, $10 per 100; $90 per 1,000. Julius Roehrs Co., Rutherford, N. J.

Cyclamen, strong, 2½-inch, $6 per 100; 3-inch, $8 per 100. Vaughan's Seed Store, Chicago and New York.

DAHLIAS.

Dahlia roots, Cleopatra, Delice, Jack Rose, Kind's Pink, Lyndhurst, Minnie McCullough, Sylvia, White Swan, $3 per 100; $25 per 1,000. J. T. Lovett, Little Silver, N. J.

DAISIES.

MARGUERITES, 4-inch pots, in bloom, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

DRACAENAS.

Dracæna indivisa, 2-in., 5c; 3-in., 10c; 4-in., 15c; 5-in., 25c each. Geo. M. Emmans, Newton, N. J.

DRACÆNAS, good large bushy plants, 5 and 6-inch pots, $25 per 100. ELI CROSS, Grand Rapids, Mich.

DRACÆNA INDIVISA, 4-in., $10 per 100. HENRY SMITH, Grand Rapids, Mich.

FERNS.

100,000 good strong 2-in. Ferns: Boston, $3.50 per 100; $30 per 1,000. Springfieldii, 2½-in., $4 per 100; $35 per 1,000. Boston, Roosevelt and Springfieldii, 3-in., $8 per 100; Boston, 4 in., $1.50 per doz.; $12 per 100. Above now ready for delivery. Other sizes and varieties for later delivery. Write us for special prices on larger lots.
THE SPRINGFIELD FLORAL CO.,
Exclusive Fern Growers,
SPRINGFIELD, OHIO.

California's well known, and most beautiful fern, "Five Finger;" strong stock, fronds 5-in. to 14-in., tall, $40 per 1,000; $20 per 500; $7 per 100. Woodwardia ferns same size and same price as "Five Finger." Prompt shipment. Ferns cash. T. E. HOFFMAN, Los Gatos, Calif.

BOSTON FERNS, 6-inch, $35 per 100; small lots, 40c. Cash. H. W. Allersma, Grand Rapids, Mich.

Ferns, Boston, Roosevelt, Whitmani, 3-inch, $8 per 100. Roosevelt, Whitmani, 4-inch, $12.50. Boston, Whitmani, 5-inch, $25. Giatrasii, 5-inch, 30c each. Gullett & Sons, Lincoln, Ill.

Boston ferns, fine bushy stock, ready for a shift, 3-inch, $1 per doz.; $7.50 per 100; $70 per 1,000. A. Henderson & Co., 369 River St., Chicago.

Boston ferns, 5-inch, $3 per doz.; $25 per 100; 7-inch, 75c each; $9 per doz.; 8-inch, $1 each; $12 per doz. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

Boston ferns for planting, heavy stock, 2½-inch, $5 per 100; $45 per 1,000. Vaughan's Seed Store, Chicago.

Ferns, Boston and Whitmani, 3-in., 4-in., 15c; 5-in., 25c. Geo. M. Emmans, Newton, N. J.

GERANIUMS.

Geraniums, 3-inch pots, standard varieties such as S. A. Nutt, A. Ricard, Beaute Poitevine, Berthe de Pressilly, La Favorite, Mme. Recamier, John Doyle, Marq. de Castellane, etc., $3 per 100; $25 per 1000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

GERANIUMS, Nutt, Grant, Perkins, Viaud, La Favorite, 4-inch, $7 per 100. Variegated, Nutt, 2½-inch, $5 per 100. Silver leaf, 2-inch, $2 per 100. Rose geraniums, 4-inch, $7 per 100. ERNEST ROBER, Wilmette, Ill.

LADY WASHINGTON, good assortment, strong plants for stock, 25c and 50c each. HENRY SMITH, Grand Rapids, Mich.

Geraniums, Nutt, Buchner, Ricard, Perkins, Poitevine, 2-in., $2 per 100; 3-in., $5 per 100. Geo. M. Emmans, Newton, N. J.

Geraniums, S. A. Nutt, 4-inch, few double pink and Ricard, fine plants in bloom, 8c. Cash. H. W. Allersma, Grand Rapids, Mich.

Geraniums, S. A. Nutt, $10 per 1,000. Ricard and Poitevine, $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

GLADIOLUS.

Gladiolus, Mrs. Francis King, 1st size, $9 per 1,000. Vaughan's Seed Store, Chicago and New York.

GREENS.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag. Perpetuated moss, $3.50 per bag. Caldwell, The Woodsman Co., Evergreen, Ala.

Greens, Lyrata, $2.50 per case. Fancy ferns, $1.25 per 1,000; dagger ferns, $1 per 1,000. Natural moss, $1.75 per bag; perpetuated moss, $3.50 per bag. E. A. Beaven, Evergreen, Ala.

Prepared magnolia leaves, green, brown, red and purple, $1 per carton. Knud Nielsen, Evergreen, Ala.

Clean Huckleberry Foliage, $2.50 per crate or bale; terms cash. T. E. Hoffmann, 424 Seneca St., Palo Alto, Calif.

HELIOTROPE.

HELIOTROPE, 4-inch pots, $8 per 100. HENRY SMITH, Grand Rapids, Mich.

Heliotrope, 2-in., $2 per 100. Geo. M. Emmans, Newton, N. J.

HYDRANGEAS.

Hydrangea Hortensis, Otaksa, 5-inch, 3 in a pot, $3.60 per doz. French varieties, 5-inch, 3 in a pot, $4.20 per doz.; Beaute Vendomoise, Bouquet Rose, General de Vibraye, La France, La Lorraine, La Perle, Mme. E. Mouillere, Mlle. Agnes Barillet, Mons. Ghys, Mont Rose, Mousseline, President Fallieres, President Viger, Radiant, Ronsard, Souv. du Lieut. Chaure. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

HYDRANGEAS, Otaksa, in bloom, from 25c to $3 each. Small plants, 3-inch pots, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

IVIES.

ENGLISH IVY, 20 to 30 ins. $3; from pots, 12 to 15 ins., $4 per 100. CHAS. FROST, Kenilworth, N. J.

GERMAN IVY, rooted cuttings, 60c per 100; $5 per 1,000. C. L. Van Meter, Monticello, Iowa.

GERMAN IVY, 2½-inch, strong plants, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

LILY OF THE VALLEY.

From Storage.

Lily of the Valley pips, case of 500 pips, $7.95; 1,000 pips, $15; 2,500 pips, $35. Chas. Schwake & Co., 90-92 West Broadway, New York.

Lily of the Valley pips, best grade, for forcing, $16 per 1,000. Vaughan's Seed Store, Chicago and New York.

MISCELLANEOUS.

Chrysanthemums, cyclamens, begonias, primulus, cinerarias. Alonzo J. Bryan, Washington, New Jersey.

UMBRELLA plants, strong 3 to 5-inch pots, $10 to $25 per 100. HENRY SMITH, Grand Rapids, Mich.

MUSHROOM SPAWN.

Mushroom spawn. Lambert's Pure Culture. American Spawn Co., St. Paul, Minn.

NURSERY STOCK.

Nursery stock, fruit and ornamental trees, shrubs, evergreens and small fruits. W. & T. Smith Co., Geneva, N. Y.

ORCHIDS.

Orchids of all kinds, established and semi-established. Lager & Hurrell, Summit, N. J.

PALMS.

Palms, Kentia Belmoreana, 6-in., 6-7 leaves, 22 ins. high, $1 each; $12 per doz. Phoenix Roebelenii, 8-in., pots, 24 ins. high, 26-in. spread, $3.50 each; 9-in. tubs, 24 inches high, 30-in. spread, $4 each. A. N. Pierson, Inc., Cromwell, Conn.

PALMS FROM SEED PANS.

	Per 100	Per 500
Washingtonia Filifera	$1.00	$ 4.00
Washingtonia Robusta	4.00	15.00
Chamerops Excelsa	1.00	4.00

C. S. TAIT. BRUNSWICK, GA.

PALMS.

KENTIA BELMOREANA.

Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	6 to 7,	18	$ 0.40
6-inch pots,	6 to 7,	24	1.00
6-inch pots,	6 to 7,	28 to 30....	1.50
6-inch pots,	6 to 7,	32 to 34....	2.00
7-inch pots,	6 to 7,	36	3.00
8 inch tubs,	6 to 7,	38	3.50
8-inch tubs,	6 to 7,	48	5.00
8-inch tubs,	6 to 7,	58 to 64....	7.50

Specimens, $15 to $50.

KENTIA BELMOREANA.

Made-up plants.

6-inch pots, 3 plants in a pot, 24 ins....$ 1.50
7-inch pots, 3 plants in a pot, 38 ins.... 3.50
Specimens, very heavy.....$10.00 to 12.00

KENTIA FORSTERIANA.

Single Plants.

	Leaves.	Inches high.	Each.
4-inch pots,	5 to 6,	18 to 20....$	0.40
6-inch pots,	5 to 6,	28 to 30....	1.00
6-inch pots,	6 to 7,	34 to 36....	1.50
6-inch pots,	6 to 7,	38 to 42....	2.00
6-inch pots,	6 to 7,	44 to 46....	2.25
8-inch tubs,	6 to 7,	46 to 48....	3.50
8-inch tubs,	6 to 7,	50 to 54....	5.00
8-inch tubs,	6 to 7,	5 ft.....	6.00
10-inch tubs,	6 to 7,	5 to 5½ ft.	8.00
10-inch tubs,	6 to 7,	6 to 6½ ft.	10.00

PHOENIX ROEBELENII.

	Each.
4-inch pots, nicely characterized.....$	0.50
7-inch pots, 22 ins. high, 30 to 32-in. spread	2.00
7-inch pots, 26 ins. high, 34 to 36-in. spread	2.50
8-inch tubs, grand specimens.....	3.50
10-inch tubs, grand specimens.....$5.00 to	7.00

ARECA LUTESCENS.

6-inch pots, 3 plants in a pot.....$	1.00
7-inch pots, 3 plants in a pot.....	2.00
8-inch tubs, 5 plants in a tub.....	3.00

POEHLMANN BROS. CO.,
MORTON GROVE, ILL.

Phoenix Canariensis, fine large plants, $7.50 to $35 each. Julius Roehrs Co., Rutherford, N. J.

PEONIES.

Peonies. We are booking orders now. We will fill them Sept. 1st. See advertisement elsewhere in this issue. Jackson & Perkins Co., Newark, New York.

FRENCH PEONIES can be shipped with celerity and security via Bordeaux-New York. Catalogues free. Dessert. PEONY SPECIALIST, Chenonceaux (T. & L.), France.

PETUNIAS.

Petunias, White Dorothy, finest white, splendid for cut for funeral work; 2½-inch, $8 per 100. A. Henderson & Co., 369 River St., Chicago.

PETUNIAS, double mixed, 2-inch, $3 per 100; single, 3-inch, $4 per 100. ERNEST ROBER, Wilmette, Ill.

POINSETTIAS.

POINSETTIA HEADQUARTERS.

True type, all top cuttings, 2½-inch, $5 per 100; $45 per 1,000; 3-inch, $7 per 100. Booked orders in advance for summer delivery. ERNEST ROBER, Wilmette, Ill.

Poinsettias, strong 2½-inch, $6 per 100; $50 per 1000. Vaughan's Seed Store, Chicago and New York.

Poinsettias, 2¼-inch, $5 per 100. The Geo. Wittbold Co., 737 Buckingham Place, Chicago.

PRIMULAS.

Primula obconica grandiflora and Gig.; Primula Malacoides, transplanted seedlings ready to pot, $2 per 100; $18 per 1,000. ERNEST ROBER, Wilmette, Ill.

PRIMULA OBCONICA, Miller's Giant, free flowering fine 2-inch, $2.50; 3-inch, $4 per 100. Cash. J. W. MILLER, Shiremanstown, Pa.

Primroses, Chinese, Forbesi, Malacoides, obconica alba, rosea, Ruby, $2 per 100. Obconica Gigantea, $2.50 per 100. Jos. H. Cunningham, Delaware, Ohio.

PRIVET.

California privet, any quantity, size and age. Shade and ornamental trees, shrubs and vines; full line of fruit trees and plants. Franklin Davis Nursery Co., Baltimore, Md.

California privet, all sizes. Write for prices. J. T. Lovett, Little Silver, N. J.

ROSES.

ROSE PLANTS.

Fine healthy stock ready for immediate shipment. If you want the best, place your order with us.

	Per 100	Per 1,000
Pink Killarney, 2-inch	$4.00	$35.00
White Killarney, 2-inch	4.00	35.00
Killarney Brilliant, 2-inch	7.00	60.00

WIETOR BROS.,
162 North Wabash Ave., CHICAGO.

GRAFTED STOCK.

	Per 100
500 Killarney Brilliant, 4-in. stock	$12.50
500 Killarney, 4-in. stock	12.50
100 White Killarney, 4-in. stock	12.50
100 Richmond, 4-in. stock	12.50
100 Ophelia, 4-in. stock	12.50
100 American Beauty, own root, 4-in. stock	12.50

ELI CROSS,
GRAND RAPIDS, MICH.

Forcing roses, strong, grafted stock: Killarney, 4-inch, strong, $12 per 100; $100 per 1,000. Killarney Brilliant, 4-inch, $12 per 100; $110 per 1,000. Prince de Arenberg, 4-inch, $12 per 100; $110 per 1,000. American Beauty, own root, 3½-inch, $10 per 100; $95 per 1,000. Vaughan's Seed Store, Chicago and New York.

Grafted roses: Killarney, W. Killarney, 3-inch, $10. Killarney Brilliant, 3-inch, $12; 2½-inch, $10. Bench plants: 150 Aaron Ward, grafted, one year, $5. 650 Milady, grafted, one year, $5. 300 Killarney, grafted, two year, $4.50. Gullett & Sons, Lincoln, Ill.

Rose plants, grafted and own root. For varieties and prices see advertisement elsewhere in this issue. Poehlmann Bros. Co., Morton Grove, Ill.

ROSE PLANTS, Kaiserin, My Maryland and other varieties, 3-inch pots, $6 per 100; own root. HENRY SMITH, Grand Rapids, Mich.

Roses. Geo. A. Kuhl, Pekin, Ill.

ROSES.

Winter flowering roses, 3½ and 4-inch pots. Ophelia, Francis Scott Key, Mme. Edmond Rostand and Crimson Queen, $20 per 100. Mrs. George Shawyer, Killarney Brilliant, Sunburst, Prince E. C. d'Arenberg, Lady Hillingdon, Mrs. Aaron Ward, Killarney Queen, Richmond, White Killarney, $15 per 100. All of the above are grafted plants, with the exception of Francis Scott Key, Mme. Edmond Rostand and Sunburst—which are own root stock. F. R. Pierson Co., Tarrytown, N. Y.

SALVIAS.

SALVIAS, Zurich, St. Louis, Bonfire, Cretien, Lord Fauntleroy, 2½-inch, $2 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Salvia Zurich, 2-inch, $2 per 100; $18 per 1,000. A. Henderson & Co., 369 River St., Chicago.

SEEDS.

Seeds, new early flowering giant pansies: White, yellow, light blue, dark blue, mixed, per trade packet (500 seeds), 65c; per ⅛ oz., $2.50. Vaughan's Seed Store, Chicago and New York.

Seeds, tomato, pepper, egg plant, squash, pumpkin, cucumber, cantaloupe, watermelon and field corn in variety on contract. Edgar F. Hurff, Swedesboro, N. J.

Seed, Mignonette "Chicago Giant," greenhouse grown seed, trade packet (1000 seeds) $1; ⅛ oz., $1.50; 1 oz., $10. A. Henderson & Co., 369 River St., Chicago.

Seeds, specialties: beets, mangoes, carrots, cabbages, celeries, parsleys, parsnips, turnips. R. & M. Godineau, Angers, France.

The Kenilworth Giant Pansy seeds. For varieties and prices see advertisement elsewhere in this issue. Chas. Frost, Kenilworth, N. J.

Seeds, wholesale growers and dealers of Sweet, Flint and Dent Corn, Cucumbers, Musk and Watermelons, Pumpkins and Squash. Western Seed and Irrigation Co., Fremont, Neb.

Seeds, contract growers of cucumbers, cantaloupe, watermelons, squash and pumpkin seed, sugar, flint and field corn. J. C. Robinson Seed Co., Waterloo, Neb.

Seeds, sweet peas; Spencers, grandiflora, etc. Asters and flower seeds in general. Tomato, lima and pole beans. John Bodger & Sons Co., Los Angeles, Calif.

Seeds, contract growers of Cucumbers, Muskmelon, Squash and Pumpkin, Sweet, Flint and Dent Corn. The C. Herbert Coy Seed Co., Valley, Neb.

Seeds, Specialists: Pepper, egg plant, tomato, vine seed and field corn. George R. Pedrick & Son, contract seed growers, Pedricktown, N. J.

Seeds, contract growers of beans, cucumber, tomato, muskmelon, squash, watermelon, radish, sweet corn. S. M. Isbell & Co., Jackson, Mich.

Seed, garden, vegetable and flower. Kelway's Celebrated English Strains. Kelway & Son, Langport, Somerset, England.

Seeds, growers for the trade, beans, peas, sweet corn, onion, turnip, radish, beet, etc. The Everett B. Clark Seed Co., Milford, Conn.

Seeds, wholesale field and garden seeds. J. Bolgiano & Son, Light, Pratt and Ellicott Sts., Baltimore, Md.

Seeds, eucalyptus and acacia. Brunnings, P. O. Box 857, Melbourne, Australia.

Seeds, winter Spencer sweet pea seed. Ant. C. Zvolanek, Lompoc, Calif.

Seeds, tomato seed our specialty. Haven Seed Co., Santa Ana, Calif.

Seeds, peas, beans and sweet corn. Sioux City Seed and Nursery Co., Sioux City, Iowa.

Pansy seed, giant flowering, oz., $4. Jos. H. Cunningham, Delaware, Ohio.

SMILAX.

SMILAX PLANTS, 2-inch pots, $2 per 100. HENRY SMITH, Grand Rapids, Mich.

Smilax, $1.50 per 100; $12.50 per 1,000. Albert M. Herr, Lancaster, Pa.

If You Do Not Find What You Need in Our Ready Reference Department, Write Us About It.

STRAWBERRIES.

Strawberries, pot-grown, Barrymore, Brandywine, Early Ozark, Gaudy, Golden Gate, Hermitage, Hundred Dollar, McKinley, Morning Star, Myrtle Murrell, Silver Coin, Steven's Late, Success, Three W's, U. S., King Edward, Wm. Belt, $2 per 100; $16 per 1,000. Chesapeake, Fendall, Pearl, $2.25 per 100; $18 per 1,000. Everbearing (Progressive, Productive, Superb), $2.50 per 100; $20 per 1,000. J. T. Lovett, Monmouth Nursery, Little Silver, N. J.

VEGETABLE PLANTS.

PLANTS. Postage and express prepaid. Celery, cabbage, beet, mangel, 100, 30c; 500, 75c; 1,000, $1.25; 10,000, $10. GLICK SEED & PLANT FARM, Smoketown, Pa.

CELERY PLANTS: Golden Self-Blanching (French strain), Giant Pascal, White Plume and Winter Queen, fine plants, ready for field, $2 per 1,000; $1.50 in 10,000 lots. Cash. BRILL CELERY GARDENS, Kalamazoo, Mich.

Vegetable plants, cabbage and tomato, leading varieties, 30c per 100 by parcel post; by express, 75c per 500; $1 per 1,000; 10,000 and over, 85c per 1,000; 100,000 at 75c per 1,000. R. Vincent, Jr., & Sons Co., White Marsh, Md.

VERBENAS.

VERBENAS, transplanted, $1 per 100; $8 per 1,000; 2½-inch, $2.50 per 100. ERNEST ROBER, Wilmette, Ill.

VINCAS.

Sold out of variegated Vinca rooted cuttings and plants for this spring. Orders now booked for fall delivery for field-grown plants and rooted tips. Write for prices. I. N. KRAMER & SON, Cedar Rapids, Iowa.

VINCA VINES, 4-inch, strong, $12.50 per 100; 3-inch, $5 per 100. HENRY SMITH, Grand Rapids, Mich.

VINCA VARIEGATA, 4-inch, strong, 10 to 15 leads, 12 to 18 inches long, $10 per 100. MEMPHIS FLORAL CO., Memphis, Tenn.

Vinca Variegata, 2½-inch, $3; 3-inch, $6; 4-in., $12 per 100. A. Henderson & Co., 369 River St., Chicago.

VINCA VINES, green and variegated, good strong vines, 3 and 4-inch pots, $8 per 100. ELI CROSS, Grand Rapids, Mich.

VINCA VARIEGATA, 3-inch, 5c; nice stock. C. L. Van Meter, Monticello, Iowa.

VIOLETS.

Violets, Marie Louise, double, strong plants, $2 per 100; $15 per 1000. F. R. Snyder, Rhinebeck, N. Y.

CARNATION STAPLES.

SUPERIOR CARNATION STAPLES. Mend your split carnations. Finest article for carnation growers introduced so far, 35c per 1,000; 3,000 for $1, postage paid.
MICHIGAN CUT FLOWER EXCHANGE, 38-40 Broadway. Detroit, Mich.

Superior Carnation Staples, 35c per 1,000; 3,000 for $1. F. W. Waite, 85 Belmont Ave., Springfield, Mass.

Pillsbury Carnation Staples, 1,000 for 35c; 3,000 for $1. I. L. Pillsbury, Galesburg, Ill.

GLASS, PUTTY, ETC.

Glass, large stock, good prices. Sharp, Partridge & Co., Chicago.

Greenhouse glass. Superior quality and right price. Baur Window Glass Co., Eaton, Ind.

GOLD FISH.

TRY US on Gold Fish, Aquariums and Globes. The J. M. McCullough's Sons Co., 316 Walnut St., Cincinnati, O.

GREENHOUSE CONSTRUCTION.

Greenhouse construction. Write us for an estimate and sketch on your proposed greenhouse. Ickes-Braun Mill Co., 2340 Wabansia Ave., Chicago, Ill.

Greenhouse construction. Save 10% to 20% on your greenhouse. Willens Construction Co., 1527 S. Spaulding Ave., Chicago.

Greenhouse construction, cypress roof material and all greenhouse fittings. Plans and sketches submitted on request. John C. Moninger Co., 902 Blackhawk St., Chicago.

Greenhouse construction, builders of all kinds of greenhouses and conservatories. Plans and sketches submitted on request. A. Dietsch Co., 2642 Sheffield Ave., Chicago.

Greenhouse construction. Estimate on request. The Foley Mfg. Co., 31st and Spaulding Ave., Chicago.

Greenhouse construction. We furnish everything for the greenhouse. Garland Manufacturing Co., Des Plaines, Ill.

Greenhouse construction and equipment. King Construction Co., N. Tonawanda, N. Y.

Greenhouse lumber, hot-bed sash, pecky cypress, square red cedar posts. Lockland Lumber Co., Lockland, O.

Building material, pecky cypress, drop siding, ship lap, flooring, white cedar posts, etc. Adam Schillo Lumber Co., 1560 Kingsbury St., Chicago.

Choice red cypress greenhouse material and tanks. Write for our prices. Alfred Struck & Co., Inc., 571 Garden St., Louisville, Ky.

INSECTICIDES.

Aphine, $1 per qt.; $2.50 per gal. Fungine, 75c per qt.; $2 per gal. Vermine, $1 per qt.; $3 per gal. Scaline, 75c per qt.; $1.50 per gal. Nikotiana, $1.50 per qt.; $4.50 per gal. Aphine Manufacturing Co., Madison, N. J.

Nicotine. The Grasselli Chemical Co., Cleveland, Pittsburgh, St. Louis, New York, Cincinnati, St. Paul, Boston, Detroit, Birmingham, Chicago, Milwaukee, New Orleans.

Liquid—NICO-FUME—Paper, for thrips, aphis, spraying, vaporizing, fumigating. The Kentucky Tobacco Product Co., Inc., Louisville, Ky.

Nikoteen, 30% strength for spraying. Nicotine Mfg. Co., St. Louis, Mo.

Aphis Punk for fumigating. Nicotine Mfg. Co., St. Louis, Mo.

MISCELLANEOUS.

Raffia imported by us direct from Madagascar, West Africa. Regular, 10 lbs., 17c per lb.; 25 lbs., 15c per lb.; 100 lbs., 12½c per lb.; bale, 10½c per lb. Florists' Special, 10 lbs., 19c per lb.; 25 lbs., 17c per lb.; 100 lbs., 13½c per lb.; bale, 11½c per lb. Vaughan's Seed Store, Chicago and New York.

The Clipper Lawn Mowers. Write for circulars and prices. Clipper Lawn Mower Co., Box 15, Dixon, Ill.

Fertilizers, bone meal, sheep manure, pulverized; tobacco stems. For prices see advertisement elsewhere in this issue. The W. W. Barnard Co., 231-235 W. Madison St., Chicago.

Model Extension Carnatian Supports; also galvanized wire rose stakes. Write for prices before ordering elsewhere. Igoe Bros., 61-73 Metropolitan Ave., Brooklyn, N. Y.

Florists' supplies and wire designs of all kinds. Joseph Ziska, 151 N. Wabash Ave., Chicago.

Iron reservoir vases and lawn settees. The McDonald Foundry, Columbus, Ohio.

Evans' Improved Challenge Ventilating Apparatus. Write for catalogue. The John A. Evans Co., Richmond, Ind.

Hammond's Greenhouse White Paint and Twemlow's Old English Liquid Putty. Hammond's Paint & Slug Shot Works, Beacon, N. Y.

Iron bench fittings and roof supports, vaporizing pans, ventilating apparatus. Jenning's Improved Iron Gutters. Diller, Caskey & Keen, S. W. Cor. Sixth and Berk Sts., Philadelphia.

Fertilizers. Thomson's celebrated manures. Wm. Thomson & Sons, Ltd., Clovenfords, Scotland.

Dreer's Peerless Glazing Points, 1,000, 75c, postpaid. Henry A. Dreer, 714 Chestnut St., Philadelphia.

Clay fertilizer. Supplied by the leading nursery and seed firms. Manufactured by Clay & Son, Stratford, London, England.

Mastica for greenhouse glazing. F. O. Pierce Co., 12 W. Broadway, New York.

Folding flower boxes, all sizes. A. A. Arnold Paper Box Co., 16-22 S. Peoria St., Chicago.

Free

This Fine

BUDDING KNIFE

With 2 New Subscriptions.

American Florist Co.
440 S. Dearborn St., CHICAGO

POTS AND PANS.

Kramer's pot hangers, $1 per doz., by express. R. N. Kramer & Sons, Cedar Rapids, Iowa.

Florists' red pots, all sizes, moss aztec ware, fern pans, vases, etc. The Peters & Reed Pottery Co., South Zanesville, Ohio.

Neponset, flower, vegetable waterproof paper pot. Vaughan's Seed Store, Chicago and New York.

Standard pots, all sizes. The Whilldin Pottery Co., 709 Wharton St., Philadelphia, Pa.

Syracuse red pots. Syracuse Pottery Co., Syracuse, N. Y.

Standard flower pots and bulb pans. Hilfinger Bros. Pottery, Fort Edward, N. Y.

Red pots, standard azalea pans. Harley Pottery Co., Nashville, Tenn.

Pots, Hews' standard. A. H. Hews & Co., Cambridge, Mass.

Red pots. Geo. Keller & Sons, 2614-22 Herndon St., Chicago.

Standard red pots, bulb pans, azalea pots. Detroit Flower Pot Mfy., Detroit, Mich.

Pots of all kinds. Haeger Brick and Tile Co., 10 Sherwin Block, Elgin, Ill.

STAKES.

Cane stakes, standard grade, 6 to 8 feet, per 100, 85c; 500, $3; $5.50 per 1,000.
Pipe stems, about 6 feet, per 100, 60c; per 1,000, $5. Vaughan's Seed Store, Chicago.

Bamboo stakes, green and natural, different sizes. Yokohama Nursery Co., Ltd., New York City.

WIRE WORK.

Florist wire designs, wire hanging baskets and fancy wire lamp shades. Northwestern Wire Works, 228 13th Ave., N. E., Minneapolis, Minn.

Floral designs, wire window guards, office railings and all fancy work, lamp shade frames. Eagle Wire Works, 2338 Ontario St., Cleveland, Ohio.

WHAT THE USERS SAY

Cast Iron Boilers Crack

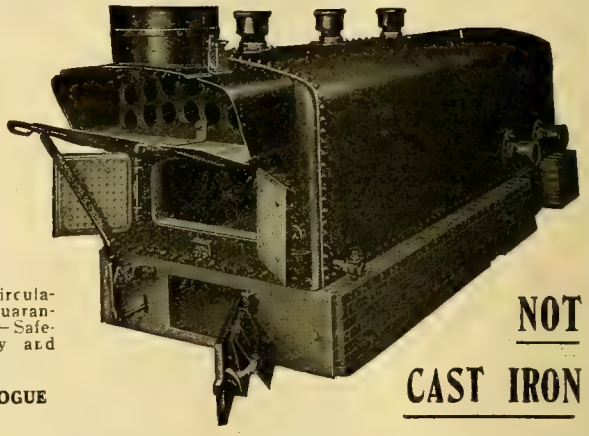
Our large cast iron sectional boiler cracked one section and the header last Sunday. It seemed to turn cold about the same time that the break occured. By Monday night it was 14° below zero. However, by putting up coal stoves, oil stoves, lamps and pushing up the small furnace, we have managed to keep most of our stock in pretty good shape, and our total loss, furnace and all, will be between $500 and $600. Just luck that it was not all gone.

New Kroeschell boiler ordered by telegraph on Sunday, shipped Monday, reached here on Friday, hauled to greenhouse on Saturday and started a fire Sunday; just seven days and ten hours after the accident. When dealing with people who will deliver a boiler as quick as that you cannot give up.

Yours very truly,
MICHLER BROS. CO.,
Lexington, Ky.

WHICH DO YOU WANT?

CAST IRON BOILERS—FOOL ECONOMY (false ratings, fuel waste, danger of breakdowns, dealers' profits), OR
KROESCHELL BOILERS - FUEL ECONOMY (honest ratings, safety, quick heat, no boiler pits, no dealers' profits).



THE
KROESCHELL BOILER
HAS THE HIGHEST STANDARD OF HEATING VALUES.

Immense Self-Cleaning Heating Surface. Longest Fire Travel—Perfect Combustion—Free Circulation—Thin Waterways—Guaranteed Working Capacities—Safety—Durability, Efficiency and Economy.

SEND FOR CATALOGUE

NOT CAST IRON

Kroeschell Bros. Co., 452 W. Erie Street, Chicago, Ill.

Ft. Wayne.

STOCK PLENTIFUL AND DEMAND FAIR.

Flowers have been quite plentiful. Gladioli are becoming quite abundant and carnations are still keeping up. Sweet peas are in good demand and the out-of-door varieties are very prolific, while dahlias are very fine and larkspur is of splendid quality. The local greenhouses have about finished the planting of their chrysanthemum and rose stock for the winter season. There are some fine Russell roses in the market at present of the long-stemmed variety. The shorter lengths are more abundant, and meet with a good demand and there is a fair demand for American Beauties; also lily of the valley and cattleyas. Some excellent out-of-door hydrangeas are in the market and serve well for decorating purposes.

NOTES.

The Flick Floral Co. are planting their chrysanthemum and young rose stock. A number of houses are being devoted to Shawyer roses this year. Sunburst roses will form the bulk of the yellow roses to be grown for the season of 1915-16.

A large wedding of last week was the Arkenbruck-Nussbaum wedding, which took place at St. Mary's church. Herbert Zurmuhlin had charge of the decorations. The bouquets were shower arrangements of lily of the valleys and Russell roses.

On Tuesday, July 6, when the Liberty bell went through this city, thousands of flowers formed garlands over the streets through which the Liberty bell passed en route to the Panama-Pacific exposition. H. K.

Oklahoma City.

BUSINESS GOOD FOR SEASON.

Warm summer weather has at last arrived and we are enjoying 90 degree temperatures every day. The biggest thing florally this week was a roof garden decoration placed by The Stiles Co. on the roof of the Elks' building. The Elks were giving a house warming with a banquet and dance and, as usual with this organization, no expense was spared. The principal features of the decorations were the screens of asparagus which went entirely around the roof garden, and the immense quantities of Gladioli America, which were used; the local crop, fortunately, was in just right for the occasion. Business in general is quite satisfactory. Outdoor flowers are plentiful and are of better quality than is usual, due no doubt to the ample rainfall we have been having this summer.

Visitors: Frank Stuppy, St. Joseph, Mo.; Frank McCabe, representing A. L. Randall & Co., Chicago. S. S. B.

FOR 3 TWO-CENT STAMPS
we will send you a demonstration glass cutter
"RED DEVIL" NO. 024
and prove to you how glass breakage can be avoided. Booklet free. Write today.
SMITH & HEMENWAY CO., Inc.
170 Chambers St., New York City

GLASS

We are leaders. Large stock, good prices.
SHARP, PARTRIDGE & CO.
CHICAGO, ILLINOIS.

PRINTING FOR FLORISTS

Send for samples of **Three Color Shipping Labels** and Florists' Tags.
Letterheads and Envelopes showing special designs for florists.
Gorham & Limpus Press
542 S. Dearborn St., Chicago.

Everything for the Greenhouse
J. C. MONINGER COMPANY,

CHICAGO	CINCINNATI	NEW YORK
902 Blackhawk St.	Union Central Life Bldg.	Marbridge Bldg

Model Extension Carnation Support.

Made with two or three circles. Endorsed by all the leading carnation growers as the best support on the market. Pat. July 27, '97; May 17, '98.
Galvanized Wire Rose Stakes.—Write for prices before ordering elsewhere. Prompt shipment guaranteed
IGOE BROS., 61-73 Metropolitan Ave., BROOKLYN, N. Y.

"The Name of Quality"
Willens
Construction Co.
Greenhouses
That's Sufficient!
1529 So. Spaulding Avenue
Chicago

Vaughan's Raffia

Imported by us direct from
Madagascar, WEST AFRICA

We offer two grades both good va'ue, viz.:

	Price per pound.			
	10 lbs.	25 lbs.	100 lbs.	Bale
REGULAR.....	17c	15c	12½c	10½c
FLORISTS' SPECIAL ...	19c	17c	13½c	11½c

Vaughan's Seed Store
NEW YORK CHICAGO

A. HERRMANN,

Cape Flowers, all colors, Cycas Leaves, Metal Designs and all Florist Supplies.
—Send For Prices—
404-412 East 34th St, NEW YORK

HAMMOND'S GREENHOUSE WHITE PAINT AND TWEMLOW'S OLD ENGLISH LIQUID PUTTY.

WHAT ONE MAN SAYS FROM EXPERIENCE:

RODMAN M. EISENHART, Florist, Torresdale, Pa.
Violets a Specialty. Telephone Connection.

Philadelphia, Pa., May 1st, 1915.

Mr. Hammond's Paint Works:
I have been using your Paint (GREENHOUSE WHITE) and TWEMLOW'S GLAZING PUTTY for the last fifteen years, and both have given me entire satisfaction, especially the Glazing Putty, which when properly put on, makes a house rainproof and almost air-tight.

Respectfully yours, R. M. EISENHART.

Slug Shot, Grape Dust and Thrip Juice Used and Sold All Over America.

Hammond's Paint and Slug Shot Works, Beacon, N. Y.

REFRIGERATORS
WRITE FOR CATALOG
Buchbinder Bros.
518 Milwaukee Ave., Chicago, Ill.

Weehawken, N. J.

Eugene Mehr has a prosperous retail store at 232 Bergenline avenue. He formerly had a branch store, but recently sold it and now devotes all his attention to the store at the above location.

Tulson Rey, a clever young man who learned the business with Mr. Bluthgen, Jr., Hudson Heights, has recently bought the store at 147 Fourth street, formerly Eugene Mehr's branch.

Fred. H. Dressel is the grower par excellence of this section, and his range is always worthy of a visit.

Nearly all the florists are located in what is locally known as "Union Hill," but their post office is Weehawken.

Lorentz's Sons, formerly located on Fulton street, have recently opened a store at 425 Bergenline avenue.

S-M-A-S-H-E-D PRICES.

Greenhouse equipment and building material prices cut in two. We take over complete industrial plants and enormous stocks, in single cash transactions, at receivers' and liquidators' sales. That's why we're known the world over as **THE GREAT PRICE WRECKERS.**

KB-47 Complete set of 17 pieces steam fitters' tools, high grade, brand new.....$15.00
MD-40 Hand breast drills for drilling sprinkler pipe, complete with set of drills, (used)..... 10.00
MD-43 Direct-connected 1½ and 3 H. P. gasoline engines to Douglas pumps.
600 gallons per hour. 47.50
2,00 gallons per hour..... 92.50
BO-45 Greenhouse boilers, all sizes, 50% off.
MW-42 Hose, plain or wire wound for irrigation purposes, any length (used.)
MW-41 Rubber lined cotton irrigation hose, 2½-inch, per foot, 8c.
SM "I" beams, 35-lb., 50 lb., 65- b., per ton, $17.00
EG Storage tanks of all kinds, 20 per cent off.

Our Big Price-Smashing Catalogue No. F 173 is full of money-saving values of all kinds. It will save you money on anything you need. A post card is all it costs.

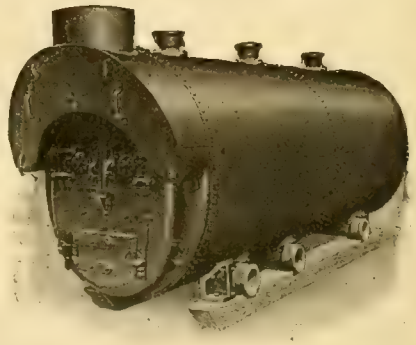
CHICAGO HOUSE WRECKING CO.,
W. 35th and Iron Sts.. Chicago, Ill.

Mention the American Florist when writing

P. Reis, 813 Humboldt street, has a good store, and is a regular buyer in the New York market. A. F. F.

"SUPERIOR"
INTERNAL-FIRED BOILER

For Hot Water Heating



SUPERIOR MACHINE & BOILER WORKS
846-848 W. Superior Street
CHICAGO

Mention the American Florist when writing

LIQUID "NICO-FUME" PAPER

40% Nicotine.
8-lb. can.....$10.50
4-lb. can..... 5.50
1-lb. can..... 1.50
¼-lb. can..... .50

288 sheet can.....$7.50
144 sheet can..... 4.00
24 sheet can..... .85

THRIPS, APHIS

SPRAYING—VAPORIZING—FUMIGATING

Your Dealer has these Prices

Manufactured by THE KENTUCKY TOBACCO PRODUCT CO., Incorporated, Louisville, Ky.

Kansas City.

TRADE UNUSUALLY GOOD.

The weather during the past week has been exceptionally warm, and in consequence very hard on stock, which has been plentiful with orders unusually good. There are some very fine roses on the market, but they are selling at very low prices. Sweet peas are plentiful and the quality is good. Gladioli are about as fine as have ever been seen on the market, there being more flowers and larger ones. The supply, however, is a trifle heavier than the demand.

NOTES.

At The Rosery, the poinsettias were found in excellent shape and preparations were being made for the shipping of orders. Bedding and window box planting are still going on, and a very good run of funeral work is reported.

The florist club picnic will be held at Holsinger's grove, July 28. Some exceptionally fine prizes are offered and the committee in charge are doing everything in their power to make it a most enjoyable event in every way.

The Geo. M. Kellogg Flower & Plant Co. reports a first class week's business, considering the time of the year. They have had a heavy run on funeral work, and are well supplied with stock.

Henry Kusick & Co. report business good. They have plenty of good, clean stock, and are receiving some very good carnations and Russell roses. Their gladioli are also very good.

The Wm. L. Rock Flower Co. had an extra heavy supply of stock, but funeral work was good and it moved off nicely.

W. J. Barnes is still kept busy with porch boxes. Funeral work has also been very heavy at this establishment.

T. J. Noll & Co. are receiving some excellent gladioli, one lot of 1,200 arriving during the week.

Arthur Newell has had a very good run on funeral work, and reports business very satisfactory. E. J. B.

Kansas City Florists' Club.

The above organization, composed of florists, nurserymen, seedsmen and gardeners of Kansas City and vicinity will hold its second annual picnic at Holsinger Bros. nursery, Rosedale, Kan., July 28. The first picnic of the club last year was a great success, nearly 200 being in attendance, and this year a larger number are expected. All florist stores will close for the day so that employers and employes alike can attend. A program of contests for the afternoon is being prepared and a liberal prize list will be offered. A number of firms in the trade have given liberally and have asked that they be notified of the date in order that their representative might attend, if in the vicinity of this city at the time.

G. K. PARKER, President.

Clay's The World Power in the Soil.

CLAY'S LONDON FERTILIZER TRADE MARK EVERY GENUINE TIN, BAG & SEAL BEARS THIS TRADE MARK

THE RENOWNED FOOD FOR PLANTS.

MANUFACTURED BY

CLAY & SON, STRATFORD, LONDON, ENGLAND.

NICOTINE MFG. CO. ST. LOUIS, U.S.A.

NIKOTEEN For Spraying

APHIS PUNK for Fumigating

Ask Your Dealer for It.

NICOTINE MFG. CO., ST. LOUIS, MO.

THOMSON'S CELEBRATED MANURES

Our Manures are the direct result of many years practical experiences in all branches of gardening.

Our **Vine, Plant and Vegetable Manure** is unrivaled for all fruit bearing foliage and flowering plants, lawns, vegetables etc, etc.

Our **Special Chrysanthemum and Top-dressing Manure** is an excellent stimulant for all pot plants during the growing season

Sold **by All Leading American Seedsmen;** freight paid on quantities; liberal terms to retailers; write for our Special offer to the American trade; agent's circulars, pamphlets, etc, to sole makers:—

Wm. Thomson & Sons, (Ltd.) CLOVENFORDS, SCOTLAND.

NICOTINE 40%

GUARANTEED BY

The GRASSELLI CHEMICAL CO.

CLEVELAND NEW YORK CINCINNATI CHICAGO MILWAUKEE ST. PAUL ST. LOUIS

WRITE FOR PRICES

Aphine

The Insecticide that kills plant Lice of every species

The Recognized Standard Insecticide

A spray remedy for green, black, white fly, red spider, thrips, mealy bug and soft scale. Quart, $1.00. Gallon, $2.50.

FUNGINE

An infallible spray remedy for rose mildew, carnation and chrysanthemum rust. Quart, 75c. Gallon, $2.00.

VERMINE

A soil sterilizer for cut, eel, wire and angle worms. Quart, $1.00. Gallon, $3.00.

SCALINE

A scalicide and fungicide combined for San Jose and various scale on trees and hardy stock, and various blights which affect them. Quart, 75c. Gallon, $1.50.

NIKOTIANA

A 12% nicotine solution properly diluted for fumigating or vaporizing. Quart, $1.50. Gallon, $4.50.

If you cannot obtain our products from your local dealer send us your order and we will ship immediately through our nearest agent.

APHINE MANUFACTURING COMPANY

MADISON, N. J.

GEO. A. BURNISTON, President. M. C. EBEL, Treasurer.

Established 1765 FOR "POT LUCK" USE Incorporated 1904

HEWS STANDARD POTS

POT MAKERS FOR A CENTURY AND A HALF. AND RED EARTHENWARE SPECIALTIES. WORLD'S LARGEST MANUFACTURERS.

A. H. HEWS & Co., Inc., Cambridge, Mass. WAREHOUSES: Cambridge, Mass. New York, N. Y.

1000 Ready Packed Crates
Standard Flower Pots and Bulb Pans

Can be shipped at an hour's notice. Price per crate:

2000	1¾-in.,	crate,	$6.00	456	4½-in.,	crate,	$5.24
1500	2	"	4.88	320	5	"	4.51
1500	2½	"	5.25	210	5½	"	3.78
1500	2½	"	6.00	144	6	"	3.16
1000	3	"	5.00	120	7	"	4.20
800	3½	"	5.80	60	8	"	3.00
500	4	"	4.50				

HILFINGER BROS. POTTERY, Fort Edwards, NEW YORK.

August Rolker & Sons, 51 Barclay St., New York City Agents.

Our Specialty: Long Distance and Export trade.

Syracuse Red Pots
Standard Pots
Azalea Pots, Pans

A large stock ready for immediate shipments. Our catalogue will tell you all about them.

SYRACUSE POTTERY

C. Breitschwerth, Prop.

SYRACUSE, - - N. Y.

Mention the American Florist when writing

Kramer's Pot Hangers

For sale by Wholesale Seedsmen, Florists and Supply Dealers.

Price, $1.00 per dozen by express. Sample dozen by mail, $1.25.

J. N. KRAMER & SON, Cedar Rapids, Ia.

Mention the American Florist when writing

Those Red Pots

"STANDARDS"

Full size and wide bottoms, BULB PANS and AZALEA POTS

DETROIT FLOWER POT M'F'Y

HARRY BALSLEY, Rep. Detroit, Mich. 490 Howard St.

Mention the American Florist when writing

RED POTS

STANDARD AZALEAS PANS

HARLEY POTTERY CO., NASHVILLE, TENN.

Mention the American Florist when writing

RED POTS

that you will be proud to have on your benches, is the kind we have to offer. We use nothing but the best material and skilled labor and offer you a first-class pot at a popular price. All goods are carefully selected and packed, thus insuring full count upon opening your crates; isn't that worth considering?

We also have a full line of **Azalea Pots, Hanging Baskets** and other goods used by Florists—ask for catalogue.

We also make the famous **"Moss Aztec" Ware.**

The Peters & Reed Pottery Co.

Gen'l Office and Works SO. ZANESVILLE, O.

Chicago, H. A. Harrison, 6 East Lake St.

New York, Wm. M. Warrin, 16 W. 23rd St.

DREER'S "Riverton Special" Cedar Plant Tubs

No.	Diam.	Ea.	Doz.	100
10	20in.	$1.45	$16.00	$130.00
20	18 in.	1.30	14.00	115.00
30	16 in.	1.00	11.25	92.00
40	14 in.	.65	7.00	56.00
50	12 in.	.45	5.00	40.00
60	10 in.	.38	4.00	32.00
70	8 in.	.30	3.50	28.00

Manufactured for us exclusively. The best tub ever introduced; the neatest, lightest and cheapest. Painted green, with electric welded hoops. The four largest sizes have drop handle.

Henry A. Dreer, Seeds, Plants, Bulbs and Supplies, 714-716 Chestnut St., Philadelphia, Pa.

The WHILLDIN POTTERY COMPANY
FLOWER POTS

MADE IN PHILADELPHIA

WAREHOUSE IN LONG ISLAND CITY, N. Y.

The Haeger Potteries

make flower pots that grow the best plants and bring the best trade. Also the latest creations in glazed ware for every use. No shipping delays. Write today for prices and particulars.

THE HAEGER POTTERIES
111 Main Street, Dundee, Ill.

Mention the American Florist when writing

The Regan Printing House

LARGE RUNS OF

CATALOGUES

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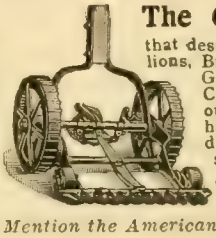

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Clipper Lawn Mower Co., Box 15, Dixon, Ill

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